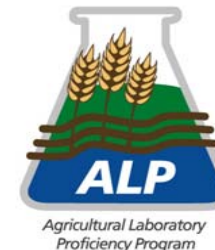


# ALP Program

## Participant Web Summary Report



*The Agriculture Laboratory Proficiency (ALP) Program is operated by Collaborative Testing Services, Inc. in cooperation with Robert O. Miller, PhD, Program Technical Director*

## ALP Program - Fall 2024 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2024 (Cycle 55) was completed in October 2024, with participation by 119 labs from the United States, Canada, Guatemala, Colombia, Ukraine, Portugal, Italy, Ireland, Romania, Dominican Rep, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry Canada.



Standard Reference Soils (SRS) materials utilized for Cycle 55 were: SRS2411 Chenango gravelly loam, collected from Chautauqua Cty, NY; SRS2412 collected near Three Bridges, ON Canada; SRS2413 Maymen stony loam collected from Santa Cruz Cty, CA; SRS2414 Moody silty clay loam, collected Rock Cty, MN; and SRS2415 a Grigsby fine sandy loam collected Breathitt Cty KY. Standard Reference Botanical (SRB) materials for Cycle 55 were: SRB2409 broccoli leaf composite from CA; SRB2410 corn plant composite from MN; SRB2411 cherry leaves composite from Poland and SRB2412 Kernza forage composite from CO. Standard Reference Water (SRW) for Cycle 55 were: SRW2407 a water sample collected from Fall River, CO; SRW2408 collected from a well in Akron, CO, and SRW2409 from a domestic well in Forsyth, NY.

Laboratory Results were compiled and analyzed for each interlaboratory material and property. All analyses in the ALP Program are based on consensus and comparative statistics. Although the analysis techniques chosen to provide a robust evaluation, small group statistics are less reliable than large group statistics. No comparative results are provided for analyses with fewer than 5 reported results.

### Web Summary Report Table of Contents

1	<b>Cover page</b>
2	<b>Special Topics</b>
5	<b>Soil Analyses</b>
172	<b>Botanicals Analyses</b>
230	<b>Water Analyses</b>





### Discussion of Statistics in ALP Reports

Reports in the ALP Program contain a variety of statistical terms and measures, such as: mean, median, median absolute deviation (M.A.D.), average standard deviation, z-score, etc. that must be understood to accurately interpret your laboratory's results. The following sections describe the statistics used in the Participant Web Summary Report and the Individual Performance Analysis Report.

#### **Laboratory Statistics:**

For each property three replicate determinations were collected for each sample. From these determinations, we calculated your laboratory results as the arithmetic mean and standard deviation of the three determinations. These results form the basis for all other statistics used in the reports.

$$\text{Arithmetic Mean} \quad \bar{x} = \frac{1}{n} \cdot \sum_{i=1}^n x_i \quad \text{Standard Deviation} \quad \sigma = \sqrt{\frac{1}{N} \sum_{i=1}^N (x_i - \bar{x})^2}$$

#### **Consensus Statistics:**

From the laboratory means a Grand Median is determined. The dispersion around this consensus value is calculated by the Median Absolute Deviation (M.A.D.). The M.A.D. is the median of the absolute values of the differences between the Laboratory Means and the Grand Median. Finally, the standard deviations between the triplicate determinations for each sample-property within each lab are averaged (by the sum of squares method) to determine the Within Lab Average Standard Deviation. These three consensus values, Grand Median, M.A.D. and Within Lab Avg STD form the basic estimates of value, dispersion, and within laboratory consistency.

$$MAD = \text{med}_i (|x_i - \text{med}_j (x_j)|)$$

Please note that the calculation of the M.A.D. as detailed above differs from conventional usage.

continued on the following page



### Discussion of Statistics in ALP Reports

#### **Performance Statistics:**

Performance Statistics are generated by combinations of the two Laboratory Statistics (arithmetic mean and standard deviation) and the Consensus Statistics (Grand Median, M.A.D. and Within Lab Avg STD).

The Individual Performance Analysis Report, contains two Performance Statistics and an associated range. The WithinLab Performance is the laboratory standard deviation divided by the Within Lab Average Standard Deviation. A value greater than 1 for this ratio would indicate that the variation of the three replicate determinations for this sample-property from your laboratory was greater than the other participants; a ratio less than 1 indicates less variation than other participants. The Laboratory-Sample Bias results on the Laboratory Summary Performance page are z-scores calculated by dividing the difference between your laboratory mean and the Grand Median by the M.A.D. A value closer to zero for this performance statistic indicates that your laboratory mean agreed with the other participants. Positive values indicate that your laboratory mean was greater than the Grand Median; negative values indicate that your laboratory mean was less than the Grand Median. The larger this value is, whether positive or negative, the less agreement between your laboratory mean and the Grand Median. The confidence interval is calculated from the Grand Median and the M.A.D.

$$\text{WithinLab Performance} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}}$$

$$\text{Laboratory-Sample Bias} = \frac{(\text{laboratory mean} - \text{Grand Median})}{\text{M.A.D.}}$$

In the Participant Web Summary Report the k Score is the same as the WithinLab Performance; it is simply a common technical term. The Z Score does differ from the Laboratory-Sample Bias, however these two performance measures share the same purpose - to judge the bias between your laboratory mean and the consensus results. The Z Score is calculated by dividing the difference between your laboratory mean and the Grand Median by the product of the M.A.D. and a factor of 1.48 (rounded). This denominator is used to give a rough estimate of the between laboratory standard deviation, if a normal distribution is assumed. The Z Score then gives us something that approximates a traditional z-score, so that on average 68% of values fall in the range of +1.00 to -1.00.

$$\text{k Score} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}}$$

$$\text{Z Score} = \frac{(\text{laboratory mean} - \text{Grand Median})}{1.48(\text{M.A.D.})}$$



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Key to Data Tables

#### Laboratory Results

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded). Results outside the 95% confidence range are flagged by "X"
k Score	laboratory standard deviation divided by the Within Lab Average STD No flags are assigned for these values and are provided for laboratory information only.

#### Consensus Results

Grand Median	median of all included sample means
Median Abs Dev	median of all included absolute differences between the sample means and the grand median
Avg Within Lab SD	average of all included laboratory standard deviations
Labs Included	number of laboratories included in calculation of consensus statistics for this sample-property
Labs Reporting	number of laboratories submitting data for this sample-property

Consensus results were reported only for analyses with five or more included laboratories. Analyses with fewer than five included laboratories are missing both consensus and performance statistics.



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>42.7</b>	-0.65	1.58	<b>44.2</b>	-1.03	0.74	<b>44.9</b>	1.31	0.15	<b>54.1</b>	-0.01	1.03	<b>39.8</b>	-0.40	0.90	
<b>6D9TKE</b>	<b>59.8</b>	1.34	0.37	<b>51.0</b>	0.42	0.30	<b>38.7</b>	-0.17	0.30	<b>56.8</b>	0.44	0.51	<b>43.0</b>	0.31	0.25	
<b>84A99W</b>	<b>50.0</b>	0.20		<b>48.0</b>	-0.22		<b>41.5</b>	0.50		<b>58.5</b>	0.72		<b>41.5</b>	-0.02		
<b>9Z8RBT</b>	<b>56.5</b>	0.96	0.82	<b>49.4</b>	0.07	0.21	<b>37.8</b>	-0.37	0.26	<b>54.3</b>	0.01	1.12	<b>42.2</b>	0.15	1.62	
<b>B78PYN</b>	<b>60.3</b>	1.40		<b>50.4</b>	0.30		<b>38.3</b>	-0.25		<b>59.8</b>	0.94		<b>49.0</b>	1.70		
<b>CV3VKP</b>	<b>42.9</b>	-0.62	0.03	<b>44.3</b>	-1.00	0.01	<b>39.3</b>	-0.01	0.02	<b>51.5</b>	-0.45	0.02	<b>39.5</b>	-0.48	0.08	
<b>CWWNDM</b>	<b>62.8</b>	1.68	0.24	<b>53.7</b>	1.00	0.39	<b>42.5</b>	0.75	0.25	<b>62.0</b>	1.30	0.53	<b>49.1</b>	1.72	0.34	
<b>FZ4BJN</b>	<b>47.3</b>	-0.11	0.48	<b>44.7</b>	-0.93	0.29	<b>38.7</b>	-0.17	0.25	<b>54.0</b>	-0.03	0.50	<b>39.7</b>	-0.44	0.45	
<b>GDKPVL</b>	<b>37.9</b>	-1.20	1.72	<b>35.6</b>	-2.87X	1.71	<b>33.2</b>	-1.45	0.76	<b>43.1</b>	-1.86	0.51	<b>33.0</b>	-1.96	0.88	
<b>GN9GMK</b>	<b>42.9</b>	-0.62	1.08	<b>44.1</b>	-1.04	0.74	<b>38.3</b>	-0.26	0.80	<b>50.0</b>	-0.71	0.43	<b>40.5</b>	-0.26	1.18	
<b>HXDN3K</b>	<b>44.9</b>	-0.39	1.26	<b>46.5</b>	-0.53	2.69	<b>44.2</b>	1.14	1.38	<b>53.7</b>	-0.08	3.35	<b>44.6</b>	0.70	2.63	
<b>MG7FPD</b>	<b>45.4</b>	-0.33	0.35	<b>43.8</b>	-1.11	0.20	<b>37.5</b>	-0.43	0.06	<b>50.0</b>	-0.71	0.17	<b>38.5</b>	-0.70	0.10	
<b>Q6443A</b>	<b>46.5</b>	-0.20	2.34	<b>52.8</b>	0.81	2.58	<b>47.6</b>	1.93	3.49	<b>59.6</b>	0.90	0.94	<b>44.5</b>	0.66	1.23	
<b>RH44B6</b>	<b>59.4</b>	1.29	0.54	<b>52.2</b>	0.67	0.08	<b>39.4</b>	0.01	0.42	<b>60.3</b>	1.02	0.05	<b>46.8</b>	1.19	0.35	
<b>RNBRQR</b>	<b>48.7</b>	0.05	0.48	<b>47.7</b>	-0.29	0.29	<b>43.3</b>	0.93	0.25	<b>54.7</b>	0.08	0.29	<b>43.7</b>	0.48	0.45	
<b>TUBPVA</b>	<b>48.3</b>	0.00	0.23	<b>49.0</b>	0.00	0.16	<b>39.3</b>	-0.02	0.08	<b>53.4</b>	-0.13	0.44	<b>41.5</b>	-0.01	0.79	
<b>WHNRH2</b>	<b>94.1</b>	5.32X	0.68	<b>52.8</b>	0.81	0.06	<b>41.3</b>	0.46	0.34	<b>59.6</b>	0.90	0.24	<b>41.7</b>	0.01	0.34	
<b>WM6UP7</b>	<b>58.4</b>	1.18	0.54	<b>52.7</b>	0.79	0.40	<b>42.9</b>	0.84	0.25	<b>62.3</b>	1.36	0.95	<b>46.1</b>	1.04	0.68	
<b>XUWYPL</b>	<b>48.6</b>	0.04		<b>50.7</b>	0.36		<b>48.6</b>	2.18		<b>48.8</b>	-0.91		<b>36.7</b>	-1.12		
<b>ZYHN82</b>	<b>43.3</b>	-0.57	0.48	<b>42.3</b>	-1.43	0.57	<b>38.0</b>	-0.32		<b>48.7</b>	-0.93	0.29	<b>41.0</b>	-0.14		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	48.3	49.0	39.4	54.2	41.6	
<b>Median Abs Dev</b>	5.3	3.7	1.9	4.3	2.1	
<b>Avg Within Lab SD</b>	1.2	2.0	2.4	2.0	1.3	
<b>Labs Included</b>	19	19	20	20	20	
<b>Labs Reporting</b>	20	20	20	20	20	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH - sp (SubTestCode 102) in the Salinity Property Groups																Data units: Unit
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
23YER3	5.16	-0.29	0.48	6.73	-0.08	0.33	4.56	-1.20	0.54	4.88	-0.30	0.74	5.44	-0.53	0.36	
2QMUQU	7.18	6.29X		6.70	-0.31		6.58	7.82X		6.18	11.48X		5.91	1.98		
38BFRZ	5.30	0.17	0.00	6.50	-1.84		4.87	0.17	1.18	5.00	0.81		5.43	-0.55	1.38	
4EK7QW	5.39	0.47	0.80	6.64	-0.79	0.40	4.94	0.51	0.65	4.91	0.00	0.72	5.48	-0.30	0.95	
6D9TKE	5.47	0.73	0.00	6.92	1.35	0.19	4.98	0.66	0.31	4.98	0.60	0.74	5.71	0.93	0.36	
84A99W	5.51	0.86	0.00	6.86	0.92	0.00	5.09	1.17	0.00	5.06	1.36	0.00	5.74	1.08	0.00	
9Z8RBT	5.74	1.60	0.21	6.81	0.56	3.63	5.19	1.61	1.62	5.12	1.93	1.95	5.78	1.31	1.72	
AMEKXP	5.21	-0.13	0.05	6.73	-0.08	0.21	4.60	-1.03	0.42	4.89	-0.15	0.37	5.44	-0.50	0.36	
AYB9AR	5.20	-0.14	0.19	6.69	-0.36	0.57	4.87	0.19	0.20	4.90	-0.06	0.56	5.53	-0.02	0.14	
B78PYN	5.21	-0.12		6.71	-0.23		4.79	-0.17		4.83	-0.72		5.50	-0.20		
CV3VKP	4.74	-1.66	0.20	6.56	-1.41	0.07	4.42	-1.82	0.41	4.71	-1.81	0.24	5.45	-0.46	0.41	
CWWNDM	5.13	-0.37	0.12	6.64	-0.74	0.28	4.71	-0.51	0.42	4.87	-0.33	0.14	5.40	-0.71	0.28	
D9M2LH	5.28	0.10	3.97	6.42	-2.48	1.42	4.58	-1.11	0.71	4.81	-0.93	0.14	5.15	-2.06	1.43	
FZ4BJN	5.61	1.19	0.68	6.75	0.10	0.47	4.87	0.20	2.66	4.96	0.45	2.97	5.54	0.03	2.55	
GDKPVL	5.04	-0.66	0.61	6.52	-1.71	0.87	4.68	-0.65	1.55	4.84	-0.63	1.58	5.32	-1.14	1.44	
GN9GMK	5.26	0.04	0.37	6.80	0.46	0.25	4.96	0.60	0.31	4.95	0.33	0.85	5.66	0.63	0.36	
HXDN3K	5.33	0.26	0.37	6.80	0.46	0.25	4.78	-0.20	0.59	4.95	0.36	0.64	5.61	0.40	0.14	
Q6443A	4.50	-2.44	1.60	7.13	2.96X	2.83	4.71	-0.52	2.08	4.35	-5.03X	0.50	4.52	-5.38X	1.15	
RH44B6	5.16	-0.29	0.53	6.82	0.59	0.07	4.70	-0.59	0.12	4.83	-0.72	0.00	5.62	0.42	0.36	
RNBRQR	4.84	-1.33	0.29	6.74	-0.03	0.31	4.59	-1.06	0.73	4.77	-1.27	0.24	5.40	-0.75	0.60	
TUBPVA	5.23	-0.04	0.66	6.78	0.33	0.36	4.92	0.42	1.12	4.94	0.24	1.33	5.60	0.33	1.19	
VX8VP7	5.44	0.62	0.37	6.78	0.28	0.26	4.96	0.57	0.51	5.03	1.11	0.37	5.64	0.56	0.36	
WHNRH2	7.62	7.73X	0.29	6.83	0.66	1.70	4.96	0.57	0.71	4.98	0.60	0.14	5.76	1.20	1.55	
WM6UP7	5.06	-0.61	0.80	6.79	0.38	0.85	4.89	0.28	0.54	4.91	0.03	0.78	5.53	-0.06	0.60	
WV9DJL	5.33	0.26	0.12	6.74	0.03	0.12	4.75	-0.35	0.14	4.83	-0.75	0.16	5.54	0.02	0.03	
XUWYPL	5.80	1.80		5.80	-7.21X		4.00	-3.70X		4.00	-8.22X		4.60	-4.98X		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	5.25	6.74	4.83	4.91	5.54	
<b>Median Abs Dev</b>	0.13	0.06	0.13	0.07	0.10	
<b>Avg Within Lab SD</b>	0.12	0.08	0.05	0.04	0.04	
<b>Labs Included</b>	24	24	24	23	24	
<b>Labs Reporting</b>	26	26	26	26	26	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4 - sp (SubTestCode 1021) in the Salinity Property Groups															Data units: mg/L
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>0.043</b>	-0.28		<b>0.012</b>	-0.03		<b>0.013</b>	-0.24		<b>0.003</b>	-0.18		<b>0.045</b>		
<b>9Z8RBT</b>	<b>0.783</b>	1.92	1.57	<b>0.910</b>	0.64	1.17	<b>0.327</b>	1.05	1.29	<b>0.693</b>	1.87	1.60	<b>0.147</b>		0.75
<b>GN9GMK</b>	<b>0.518</b>	1.13	0.10	<b>3.670</b>	2.69	1.61	<b>0.557</b>	1.99	1.16	<b>0.474</b>	1.22	1.05	<b>1.538</b>		1.49
<b>HXDN3K</b>	<b>0.123</b>	-0.04	1.22	<b>0.050</b>	0.00	0.12	<b>0.047</b>	-0.10	0.84	<b>0.064</b>	0.00	0.52	<b>0.040</b>		0.47
<b>WV9DJL</b>	<b>0.137</b>	0.00	0.14	<b>0.037</b>	-0.01	0.11	<b>0.071</b>	0.00	0.53	<b>0.030</b>	-0.10	0.22			

PO4 - sp (SubTestCode 1021) in the Salinity Property Groups															Data units: mg/L
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>Grand Median</b>		0.14			0.050			0.071			0.064				0.10
<b>Median Abs Dev</b>		0.09			0.038			0.059			0.061				
<b>Avg Within Lab SD</b>		0.13			0.086			0.025			0.045				0.11
<b>Labs Included</b>		5			5			5			5				4
<b>Labs Reporting</b>		5			5			5			5				4



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
23YER3	0.61	0.49	2.50	3.50	-0.24	0.37	0.73	1.44	3.86	0.53	0.39	1.30	1.60	-0.76	0.95		
2QMUQU	2.22	12.02X		0.52	-5.77X		3.01	27.31X		0.88	3.71X		0.55	-5.67X			
38BFRZ	0.75	1.48	1.35	4.38	1.37	1.02	0.52	-0.91	0.21	0.49	-0.03	0.54	1.95	0.88	1.07		
4EK7QW	0.47	-0.52	1.35	4.03	0.73	0.51	0.63	0.34	0.37	0.44	-0.48	0.50	1.87	0.48	0.73		
6D9TKE	0.52	-0.12	0.10	4.13	0.91	0.22	0.65	0.59	0.04	0.54	0.49	0.07	2.04	1.29	0.13		
84A99W	0.41	-0.90	0.00	2.66	-1.80	0.00	0.47	-1.50	0.00	0.39	-0.93	0.00	0.91	-3.98X	0.00		
9Z8RBT	0.24	-2.14	2.01	1.85	-3.30X	5.24	0.40	-2.27	1.94	0.31	-1.72	1.85	1.15	-2.89	2.12		
AYB9AR	0.43	-0.77	0.26	3.54	-0.18	0.41	0.55	-0.58	0.04	0.46	-0.24	0.31	1.73	-0.16	0.31		
B78PYN	0.54	-0.02		3.93	0.54		0.64	0.40		0.53	0.42		1.68	-0.40			
CV3VKP	0.64	0.69	0.06	3.81	0.33	0.14	0.70	1.14	0.01	0.58	0.88	0.07	1.95	0.88	0.15		
CWWNDM	0.54	0.00	0.49	3.74	0.18	0.26	0.56	-0.48	0.20	0.50	0.14	0.35	1.76	-0.02	0.13		
D9M2LH	0.65	0.79	0.67	3.75	0.22	0.37	0.60	0.04	0.44	0.49	0.00	0.36	1.83	0.30	0.83		
FZ4BJN	0.20	-2.40	0.59	3.20	-0.81	0.44	0.63	0.30	0.61	0.24	-2.36	0.41	1.56	-0.97	0.74		
GDKPVL	0.61	0.48	0.59	3.70	0.12	1.97	0.59	-0.11	0.76	0.53	0.38	0.62	1.89	0.57	2.43		
GN9GMK	0.25	-2.09	0.26	1.37	-4.19X	4.70	0.74	1.58	0.58	0.29	-1.88	1.42	0.15	-7.55X	0.64		
HXDN3K	0.59	0.36	2.21	3.73	0.18	2.62	0.58	-0.20	1.28	0.52	0.33	2.38	1.70	-0.32	2.21		
MG7FPD	0.55	0.06	0.31	3.78	0.26	0.22	0.63	0.34	0.04	0.43	-0.53	0.36	1.80	0.17	0.09		
Q6443A	0.59	0.34	0.55	3.50	-0.26	2.80	0.59	-0.10	0.68	0.53	0.38	2.50	1.77	0.01	0.89		
RH44B6	0.60	0.41	0.10	3.88	0.45	0.25	0.61	0.17	0.22	0.49	0.03	0.11	1.79	0.13	0.41		
RNBRQR	0.61	0.53	0.12	3.49	-0.26	0.16	0.54	-0.68	0.07	0.53	0.41	1.38	1.77	0.02	0.53		
TUBPVA	0.52	-0.16	1.82	3.20	-0.81	1.33	0.59	-0.11	0.73	0.44	-0.51	1.25	1.60	-0.77	0.58		
UYL3D9	0.61	0.48	0.22	4.08	0.82	0.15	0.62	0.26	0.12	0.58	0.83	0.54	1.89	0.57	0.29		
VX8VP7	0.51	-0.21	0.64	2.88	-1.40	0.23	0.49	-1.21	0.45	0.36	-1.24	0.27	1.37	-1.87	1.00		
WHNRH2	0.42	-0.87	0.31	2.86	-1.43	0.14	0.67	0.78	0.23	0.43	-0.53	0.14	0.80	-4.53X	0.05		
WM6UP7	0.45	-0.63	0.44	2.79	-1.57	0.51	0.50	-1.11	1.32	0.43	-0.55	0.64	1.55	-0.99	0.22		
WV9DJL	0.46	-0.54	0.04	3.29	-0.64	0.21	0.56	-0.44	0.04	0.39	-0.92	0.06	1.53	-1.09	0.07		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>XUWYPL</b>	<b>0.60</b>	0.43		<b>2.90</b>	-1.36		<b>0.70</b>	1.13		<b>0.60</b>	1.05		<b>1.90</b>	0.63	
<b>ZYHN82</b>	<b>0.58</b>	0.29	0.38	<b>3.64</b>	0.00	0.05	<b>0.60</b>	0.00	0.00	<b>0.55</b>	0.57	0.36	<b>1.76</b>	-0.01	0.15
ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	0.54			3.64			0.60			0.49			1.77		
<b>Median Abs Dev</b>	0.07			0.29			0.04			0.05			0.12		
<b>Avg Within Lab SD</b>	0.03			0.11			0.05			0.03			0.08		
<b>Labs Included</b>	27			25			27			27			24		
<b>Labs Reporting</b>	28			28			28			28			28		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>1.07</b>	1.61		<b>1.23</b>	-0.38		<b>1.04</b>	0.64		<b>0.20</b>	-0.21		<b>0.46</b>	0.34		
<b>38BFRZ</b>	<b>0.27</b>	-0.32	0.17	<b>0.41</b>	-0.94	0.05	<b>0.89</b>	0.30	0.71	<b>0.14</b>	-0.35	0.02	<b>0.12</b>	-0.85	0.40	
<b>4EK7QW</b>	<b>0.78</b>	0.90	1.16	<b>4.86</b>	2.08	1.82	<b>1.42</b>	1.49	2.08	<b>0.78</b>	1.22	2.94				
<b>84A99W</b>	<b>0.84</b>	1.05	0.00	<b>1.77</b>	-0.02	0.00	<b>1.18</b>	0.95	0.00	<b>0.99</b>	1.72	0.00	<b>0.61</b>	0.89	0.00	
<b>9Z8RBT</b>	<b>0.75</b>	0.84	1.00	<b>3.07</b>	0.86	1.70	<b>0.73</b>	-0.06	0.75	<b>0.75</b>	1.14	0.17	<b>0.75</b>	1.39	2.45	
<b>FZ4BJN</b>	<b>0.40</b>	0.00	0.00	<b>3.07</b>	0.86	1.01	<b>0.27</b>	-1.09	1.63	<b>0.33</b>	0.13	0.50	<b>0.40</b>	0.14	0.00	
<b>HXDN3K</b>	<b>0.16</b>	-0.58	1.20	<b>0.48</b>	-0.89	0.63	<b>0.24</b>	-1.15	0.83	<b>0.14</b>	-0.33	0.15	<b>0.18</b>	-0.65	0.74	
<b>MG7FPD</b>	<b>0.37</b>	-0.06	1.96	<b>2.46</b>	0.45	1.08	<b>0.75</b>	-0.01	0.11	<b>0.23</b>	-0.13	0.26	<b>0.32</b>	-0.14	0.36	
<b>Q6443A</b>	<b>0.11</b>	-0.70	0.60	<b>1.82</b>	0.02	0.43	<b>0.28</b>	-1.07	0.50	<b>0.09</b>	-0.45	0.05	<b>0.09</b>	-0.97	0.39	
<b>RLKME8</b>				<b>1.44</b>	-0.24	0.19	<b>0.76</b>	0.01	0.08	<b>0.72</b>	1.06	0.02	<b>1.94</b>	5.65X	1.52	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	0.40			1.79			0.76			0.28			0.36			
<b>Median Abs Dev</b>	0.29			0.97			0.35			0.17			0.21			
<b>Avg Within Lab SD</b>	0.03			0.11			0.07			0.23			0.04			
<b>Labs Included</b>	9			10			10			10			8			
<b>Labs Reporting</b>	9			10			10			10			9			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

K - sp (SubTestCode 105) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>2QMUQU</b>	<b>0.17</b>	-0.32		<b>0.29</b>	-0.01		<b>0.33</b>	-1.58		<b>0.31</b>	-0.86		<b>0.28</b>	-0.46			
<b>38BFRZ</b>	<b>0.19</b>	0.30	0.31	<b>0.34</b>	0.66	0.68	<b>0.46</b>	-0.18	0.23	<b>0.37</b>	-0.11	0.21	<b>0.32</b>	0.23	1.50		
<b>4EK7QW</b>	<b>0.19</b>	0.15	0.31	<b>0.33</b>	0.61	0.92	<b>0.50</b>	0.21	0.70	<b>0.38</b>	0.02	0.55	<b>0.35</b>	0.76	0.75		
<b>6D9TK2</b>	<b>0.18</b>	0.00	0.00	<b>0.34</b>	0.66	0.26	<b>0.52</b>	0.46	0.23	<b>0.42</b>	0.44	0.21	<b>0.39</b>	1.40	0.43		
<b>6D9TKE</b>	<b>0.18</b>	0.00	0.94	<b>0.34</b>	0.76	0.51	<b>0.53</b>	0.50	0.61	<b>0.41</b>	0.31	0.42	<b>0.37</b>	1.11	0.75		
<b>84A99W</b>	<b>0.22</b>	0.89	0.00	<b>0.26</b>	-0.49	0.00	<b>0.42</b>	-0.64	0.00	<b>0.35</b>	-0.41	0.00	<b>0.22</b>	-1.52	0.00		
<b>9Z8RBT</b>	<b>0.14</b>	-0.96	1.37	<b>0.20</b>	-1.35	2.09	<b>0.41</b>	-0.75	1.84	<b>0.31</b>	-0.96	0.91	<b>0.25</b>	-1.05	1.14		
<b>B78PYN</b>	<b>0.16</b>	-0.44		<b>0.30</b>	0.11		<b>0.56</b>	0.85		<b>0.43</b>	0.61		<b>0.30</b>	-0.12			
<b>CWWNDM</b>	<b>0.16</b>	-0.38	0.23	<b>0.29</b>	-0.08	0.19	<b>0.52</b>	0.42	0.28	<b>0.42</b>	0.48	0.09	<b>0.30</b>	-0.11	0.23		
<b>D9M2LH</b>	<b>0.13</b>	-1.04	3.14	<b>0.23</b>	-0.89	2.56	<b>0.40</b>	-0.85	0.00	<b>0.30</b>	-1.04	0.00	<b>0.30</b>	-0.12	0.00		
<b>FZ4BJN</b>	<b>0.11</b>	-1.63	0.63	<b>0.33</b>	0.61	0.92	<b>0.45</b>	-0.36	0.84	<b>0.27</b>	-1.42	0.73	<b>0.29</b>	-0.24	1.73		
<b>GDKPVL</b>	<b>0.18</b>	0.00	0.00	<b>0.29</b>	0.01	0.26	<b>0.50</b>	0.21	0.80	<b>0.41</b>	0.35	1.31	<b>0.32</b>	0.29	1.14		
<b>HXDN3K</b>	<b>0.23</b>	1.11	1.44	<b>0.40</b>	1.62	1.93	<b>0.48</b>	0.00	0.40	<b>0.38</b>	-0.03	0.96	<b>0.34</b>	0.64	1.14		
<b>MG7FPD</b>	<b>0.19</b>	0.26	0.03	<b>0.33</b>	0.56	0.13	<b>0.57</b>	1.00	0.58	<b>0.43</b>	0.63	0.35	<b>0.35</b>	0.77	0.73		
<b>Q6443A</b>	<b>0.17</b>	-0.17	1.54	<b>0.59</b>	4.56X	23.23	<b>0.51</b>	0.34	0.40	<b>0.47</b>	1.12	3.39	<b>0.31</b>	0.00	1.29		
<b>RNBRQR</b>	<b>0.17</b>	-0.32	0.07	<b>0.26</b>	-0.48	0.21	<b>0.53</b>	0.57	1.23	<b>0.44</b>	0.75	0.21	<b>0.33</b>	0.48	1.43		
<b>VX8VP7</b>	<b>0.15</b>	-0.59	0.83	<b>0.24</b>	-0.74	0.68	<b>0.42</b>	-0.61	0.61	<b>0.33</b>	-0.66	1.26	<b>0.29</b>	-0.35	1.14		
<b>WHNRH2</b>	<b>0.28</b>	2.20	0.49	<b>0.27</b>	-0.38	0.38	<b>0.45</b>	-0.33	0.70	<b>0.32</b>	-0.80	0.31	<b>0.28</b>	-0.52	1.32		
<b>WM6UP7</b>	<b>0.13</b>	-1.11	0.44	<b>0.21</b>	-1.22	0.28	<b>0.30</b>	-1.88	1.27	<b>0.28</b>	-1.27	0.75	<b>0.24</b>	-1.20	0.60		
<b>WV9DJL</b>	<b>0.19</b>	0.21	0.03	<b>0.25</b>	-0.63	0.08	<b>0.42</b>	-0.67	2.92	<b>0.38</b>	0.00	0.57	<b>0.35</b>	0.73	0.81		
<b>ZYHN82</b>	<b>0.27</b>	2.11	0.37	<b>0.40</b>	1.61	0.07	<b>0.64</b>	1.76	0.24	<b>0.53</b>	1.91	0.47	<b>0.42</b>	2.07	0.46		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

K - sp (SubTestCode 105) in the Salinity Property Groups						Data units: mmolc/L
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	0.18	0.29	0.48	0.38	0.31	
<b>Median Abs Dev</b>	0.02	0.04	0.05	0.05	0.03	
<b>Avg Within Lab SD</b>	0.02	0.02	0.02	0.03	0.01	
<b>Labs Included</b>	21	20	21	21	21	
<b>Labs Reporting</b>	21	21	21	21	21	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>1.1</b>	-1.95		<b>10.4</b>	-3.55X		<b>0.4</b>	-4.08X		<b>0.9</b>	-2.80X		<b>5.0</b>	-3.75X	
<b>38BFRZ</b>	<b>5.6</b>	1.88	0.35	<b>31.8</b>	0.68	0.42	<b>1.5</b>	-0.43	0.40	<b>2.5</b>	0.71	0.35	<b>16.8</b>	1.60	1.01
<b>4EK7QW</b>	<b>3.0</b>	-0.33	0.25	<b>30.9</b>	0.48	0.55	<b>1.6</b>	0.12	0.52	<b>4.0</b>	3.85X	24.43	<b>15.0</b>	0.78	0.28
<b>6D9TK2</b>	<b>3.3</b>	-0.08	0.04	<b>31.4</b>	0.58	0.35	<b>1.7</b>	0.21	0.81	<b>2.5</b>	0.61	0.07	<b>15.1</b>	0.82	0.25
<b>6D9TKE</b>	<b>3.2</b>	-0.19	0.03	<b>33.5</b>	1.00	0.22	<b>1.7</b>	0.31	0.20	<b>2.4</b>	0.40	0.16	<b>16.2</b>	1.31	0.04
<b>84A99W</b>	<b>2.3</b>	-0.97	0.00	<b>17.8</b>	-2.09	0.00	<b>1.3</b>	-0.98	0.00	<b>1.7</b>	-1.15	0.00	<b>5.8</b>	-3.39X	0.00
<b>9Z8RBT</b>	<b>1.9</b>	-1.29	0.51	<b>16.1</b>	-2.44	2.28	<b>1.2</b>	-1.34	2.38	<b>1.6</b>	-1.24	1.82	<b>9.8</b>	-1.59	1.71
<b>B78PYN</b>	<b>3.7</b>	0.20		<b>31.6</b>	0.62		<b>1.6</b>	-0.01		<b>2.5</b>	0.59		<b>13.1</b>	-0.09	
<b>CWWNDM</b>	<b>3.3</b>	-0.05	0.10	<b>27.1</b>	-0.26	0.36	<b>1.4</b>	-0.87	0.36	<b>2.2</b>	-0.01	0.20	<b>13.0</b>	-0.14	0.25
<b>D9M2LH</b>	<b>3.6</b>	0.13	0.42	<b>27.1</b>	-0.26	2.81	<b>1.5</b>	-0.39	0.40	<b>2.0</b>	-0.42	1.27	<b>12.9</b>	-0.18	0.98
<b>FZ4BJN</b>	<b>1.4</b>	-1.73	0.07	<b>28.0</b>	-0.09	0.37	<b>2.4</b>	2.62	0.93	<b>1.4</b>	-1.74	0.41	<b>12.2</b>	-0.49	0.48
<b>GDKPVL</b>	<b>4.2</b>	0.66	0.34	<b>29.9</b>	0.28	0.30	<b>2.2</b>	1.90	1.82	<b>2.7</b>	1.04	1.22	<b>15.2</b>	0.87	1.88
<b>GN9GMK</b>	<b>3.3</b>	-0.12	0.41	<b>30.2</b>	0.36	1.22	<b>1.9</b>	0.85	1.03	<b>2.5</b>	0.65	2.18	<b>12.9</b>	-0.17	2.36
<b>HXDN3K</b>	<b>3.5</b>	0.05	0.43	<b>28.9</b>	0.09	1.32	<b>1.5</b>	-0.42	0.17	<b>2.1</b>	-0.13	0.32	<b>12.3</b>	-0.43	0.89
<b>MG7FPD</b>	<b>3.8</b>	0.34	0.23	<b>30.5</b>	0.40	0.44	<b>1.7</b>	0.46	0.43	<b>2.1</b>	-0.12	0.94	<b>14.7</b>	0.63	0.75
<b>Q6443A</b>	<b>6.2</b>	2.40	4.55	<b>28.4</b>	-0.01	1.73	<b>1.6</b>	0.05	1.49	<b>2.8</b>	1.30	2.15	<b>14.4</b>	0.52	1.97
<b>RH44B6</b>	<b>3.7</b>	0.23	0.03	<b>30.8</b>	0.47	0.14	<b>1.6</b>	-0.02	0.59	<b>2.2</b>	0.01	0.11	<b>14.1</b>	0.35	0.30
<b>RNBRQR</b>	<b>4.4</b>	0.86	0.05	<b>28.6</b>	0.03	0.17	<b>1.5</b>	-0.38	0.18	<b>2.7</b>	0.96	0.27	<b>15.2</b>	0.89	0.08
<b>TUBPVA</b>	<b>3.8</b>	0.34	0.24	<b>27.6</b>	-0.16	0.77	<b>2.2</b>	2.12	0.55	<b>2.3</b>	0.20	0.50	<b>14.6</b>	0.61	0.21
<b>VX8VP7</b>	<b>3.2</b>	-0.17	0.03	<b>22.1</b>	-1.24	0.31	<b>1.6</b>	0.07	0.23	<b>1.9</b>	-0.56	0.89	<b>11.2</b>	-0.96	0.65
<b>WHNRH2</b>	<b>4.3</b>	0.76	0.04	<b>23.6</b>	-0.95	0.08	<b>1.7</b>	0.14	0.88	<b>1.8</b>	-0.86	0.73	<b>12.1</b>	-0.55	0.66
<b>WM6UP7</b>	<b>2.1</b>	-1.13	0.23	<b>21.2</b>	-1.42	0.26	<b>1.3</b>	-1.08	2.34	<b>1.6</b>	-1.24	0.44	<b>10.5</b>	-1.26	0.28
<b>WV9DJL</b>	<b>3.2</b>	-0.18	0.14	<b>20.3</b>	-1.61	0.79	<b>1.4</b>	-0.74	0.41	<b>2.0</b>	-0.37	0.57	<b>12.1</b>	-0.53	0.40
<b>ZYHN82</b>	<b>3.6</b>	0.14	0.12	<b>28.4</b>	0.00	0.21	<b>1.6</b>	0.00	0.30	<b>2.5</b>	0.55	1.28	<b>13.5</b>	0.09	0.31



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	3.41	28.4	1.61	2.20	13.3	
<b>Median Abs Dev</b>	0.39	2.4	0.12	0.29	1.3	
<b>Avg Within Lab SD</b>	0.84	1.8	0.12	0.14	0.7	
<b>Labs Included</b>	24	23	23	22	22	
<b>Labs Reporting</b>	24	24	24	24	24	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>0.29</b>	-1.75		<b>3.28</b>	-3.27X		<b>0.45</b>	-4.01X		<b>0.46</b>	-2.38		<b>0.57</b>	-3.67X	
<b>38BFRZ</b>	<b>1.16</b>	1.62	0.30	<b>11.15</b>	0.83	0.55	<b>2.11</b>	0.06	0.67	<b>1.62</b>	0.66	0.21	<b>1.98</b>	1.20	0.97
<b>4EK7QW</b>	<b>0.64</b>	-0.40	0.20	<b>10.73</b>	0.61	0.20	<b>2.27</b>	0.47	0.19	<b>1.88</b>	1.36	4.35	<b>1.71</b>	0.28	0.36
<b>6D9TK2</b>	<b>0.67</b>	-0.29	0.07	<b>10.53</b>	0.50	0.08	<b>2.27</b>	0.46	0.50	<b>1.46</b>	0.24	0.08	<b>1.80</b>	0.57	0.41
<b>6D9TKE</b>	<b>0.67</b>	-0.26	0.03	<b>10.50</b>	0.49	0.14	<b>2.23</b>	0.37	0.38	<b>1.43</b>	0.18	0.02	<b>1.73</b>	0.34	0.12
<b>84A99W</b>	<b>0.56</b>	-0.70	0.00	<b>6.28</b>	-1.71	0.00	<b>1.35</b>	-1.80	0.00	<b>0.95</b>	-1.10	0.00	<b>0.80</b>	-2.88X	0.00
<b>9Z8RBT</b>	<b>0.44</b>	-1.16	0.20	<b>5.12</b>	-2.31	2.75	<b>1.60</b>	-1.20	2.88	<b>0.94</b>	-1.12	0.39	<b>1.13</b>	-1.74	0.94
<b>B78PYN</b>	<b>0.71</b>	-0.12		<b>10.17</b>	0.32		<b>2.36</b>	0.68		<b>1.53</b>	0.43		<b>1.45</b>	-0.63	
<b>CWWNDM</b>	<b>0.66</b>	-0.32	0.10	<b>9.30</b>	-0.13	0.36	<b>1.86</b>	-0.55	0.28	<b>1.26</b>	-0.28	0.03	<b>1.41</b>	-0.77	0.44
<b>D9M2LH</b>	<b>0.87</b>	0.49	0.50	<b>8.07</b>	-0.78	2.52	<b>1.67</b>	-1.03	0.48	<b>1.03</b>	-0.88	0.43	<b>1.60</b>	-0.11	1.18
<b>FZ4BJN</b>	<b>0.40</b>	-1.32	0.43	<b>8.97</b>	-0.31	0.26	<b>2.30</b>	0.53	1.45	<b>0.80</b>	-1.49	0.00	<b>1.77</b>	0.46	0.68
<b>GDKPVL</b>	<b>0.90</b>	0.63	0.20	<b>10.33</b>	0.40	0.39	<b>2.28</b>	0.47	1.39	<b>1.57</b>	0.54	0.19	<b>1.87</b>	0.83	1.18
<b>GN9GMK</b>	<b>0.77</b>	0.12	0.38	<b>10.29</b>	0.38	1.41	<b>2.26</b>	0.43	1.54	<b>1.49</b>	0.34	1.13	<b>1.55</b>	-0.29	2.35
<b>HXDN3K</b>	<b>1.09</b>	1.36	0.47	<b>11.43</b>	0.97	1.58	<b>1.79</b>	-0.71	0.21	<b>1.48</b>	0.29	0.38	<b>1.98</b>	1.21	2.23
<b>MG7FPD</b>	<b>0.81</b>	0.27	0.15	<b>9.92</b>	0.19	0.29	<b>2.55</b>	1.14	0.73	<b>1.36</b>	-0.02	0.31	<b>1.67</b>	0.12	0.71
<b>Q6443A</b>	<b>1.36</b>	2.37	4.55	<b>9.19</b>	-0.19	1.16	<b>1.98</b>	-0.26	0.79	<b>1.49</b>	0.31	0.91	<b>1.48</b>	-0.53	0.62
<b>RH44B6</b>	<b>0.84</b>	0.39	0.08	<b>10.40</b>	0.44	0.49	<b>2.07</b>	-0.03	0.56	<b>1.32</b>	-0.12	0.00	<b>1.65</b>	0.06	0.41
<b>RNBRQR</b>	<b>0.93</b>	0.72	0.05	<b>9.56</b>	0.00	0.40	<b>2.08</b>	0.00	0.16	<b>1.61</b>	0.65	0.19	<b>1.86</b>	0.80	1.72
<b>TUBPVA</b>	<b>0.82</b>	0.31	0.30	<b>9.45</b>	-0.06	0.67	<b>2.43</b>	0.86	0.48	<b>1.37</b>	0.02	0.17	<b>1.86</b>	0.78	0.61
<b>VX8VP7</b>	<b>0.63</b>	-0.41	0.20	<b>6.80</b>	-1.43	0.16	<b>1.51</b>	-1.42	0.39	<b>0.96</b>	-1.07	0.20	<b>1.23</b>	-1.39	0.00
<b>WHNRH2</b>	<b>0.86</b>	0.45	0.07	<b>7.78</b>	-0.93	0.29	<b>1.88</b>	-0.50	0.42	<b>0.96</b>	-1.06	0.11	<b>1.40</b>	-0.81	0.47
<b>WM6UP7</b>	<b>0.63</b>	-0.43	0.18	<b>6.66</b>	-1.51	0.25	<b>1.18</b>	-2.23	1.90	<b>0.85</b>	-1.37	0.22	<b>1.23</b>	-1.39	0.26
<b>WV9DJL</b>	<b>0.69</b>	-0.18	0.16	<b>7.68</b>	-0.98	0.60	<b>2.11</b>	0.08	0.63	<b>1.31</b>	-0.16	0.04	<b>1.50</b>	-0.47	0.32
<b>ZYHN82</b>	<b>0.77</b>	0.12	0.10	<b>9.62</b>	0.03	0.20	<b>1.99</b>	-0.24	0.22	<b>1.42</b>	0.14	0.28	<b>1.61</b>	-0.06	0.39



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	0.74	9.56	2.08	1.37	1.63	
<b>Median Abs Dev</b>	0.11	0.94	0.20	0.18	0.17	
<b>Avg Within Lab SD</b>	0.23	0.59	0.12	0.27	0.08	
<b>Labs Included</b>	24	23	23	24	22	
<b>Labs Reporting</b>	24	24	24	24	24	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>0.33</b>	0.42		<b>0.36</b>	1.42		<b>0.77</b>	-1.72		<b>0.21</b>	0.19		<b>0.31</b>	0.33		
<b>38BFRZ</b>	<b>0.47</b>	1.62	0.35	<b>0.42</b>	2.32	0.47	<b>1.14</b>	0.42	0.12	<b>0.33</b>	1.67	0.00	<b>0.42</b>	2.01	0.47	
<b>4EK7QW</b>	<b>0.22</b>	-0.55	0.18	<b>0.23</b>	-0.57	0.27	<b>1.07</b>	0.00	0.14	<b>0.14</b>	-0.75	0.52	<b>0.26</b>	-0.42	0.14	
<b>6D9TK2</b>	<b>0.23</b>	-0.47	0.00	<b>0.25</b>	-0.26	0.14	<b>1.10</b>	0.17	0.07	<b>0.15</b>	-0.59	0.00	<b>0.27</b>	-0.27	0.14	
<b>6D9TKE</b>	<b>0.25</b>	-0.26	0.10	<b>0.27</b>	0.00	0.24	<b>1.13</b>	0.38	0.30				<b>0.28</b>	-0.12	0.14	
<b>84A99W</b>	<b>0.28</b>	-0.03	0.00	<b>0.24</b>	-0.46	0.00	<b>0.84</b>	-1.30	0.00	<b>0.26</b>	0.79	0.00	<b>0.30</b>	0.23	0.00	
<b>9Z8RBT</b>	<b>0.24</b>	-0.41	0.80	<b>0.29</b>	0.31	1.31	<b>0.80</b>	-1.55	0.68	<b>0.15</b>	-0.54	0.80	<b>0.23</b>	-0.81	0.47	
<b>B78PYN</b>	<b>0.23</b>	-0.47		<b>0.23</b>	-0.62		<b>1.11</b>	0.25		<b>0.16</b>	-0.46		<b>0.22</b>	-0.96		
<b>CWWNDM</b>	<b>0.22</b>	-0.57	0.16	<b>0.21</b>	-0.92	0.15	<b>0.96</b>	-0.60	0.40	<b>0.14</b>	-0.76	0.16	<b>0.23</b>	-0.87	0.21	
<b>D9M2LH</b>	<b>0.45</b>	1.44	0.44	<b>0.64</b>	5.70X	6.58	<b>1.17</b>	0.61	2.35	<b>0.38</b>	2.26	1.24	<b>0.57</b>	4.17X	2.04	
<b>FZ4BJN</b>	<b>0.20</b>	-0.73	0.00	<b>0.23</b>	-0.57	1.36	<b>1.07</b>	0.00	0.68	<b>0.13</b>	-0.80	1.43	<b>0.30</b>	0.23	0.00	
<b>GDKPVL</b>	<b>0.29</b>	0.08	0.37	<b>0.27</b>	-0.05	0.72	<b>0.97</b>	-0.55	0.43	<b>0.22</b>	0.29	1.94	<b>0.28</b>	-0.02	0.14	
<b>GN9GMK</b>	<b>0.55</b>	2.34	2.68	<b>0.52</b>	3.93X	1.85	<b>1.31</b>	1.41	1.81	<b>0.47</b>	3.40X	2.69	<b>0.42</b>	2.01	2.51	
<b>HXDN3K</b>	<b>0.40</b>	1.04	1.44	<b>0.49</b>	3.46X	1.65	<b>1.04</b>	-0.15	0.54	<b>0.27</b>	0.88	0.52	<b>0.61</b>	4.89X	0.35	
<b>MG7FPD</b>	<b>0.27</b>	-0.08	0.05	<b>0.28</b>	0.19	0.22	<b>1.17</b>	0.58	0.26	<b>0.17</b>	-0.31	0.27	<b>0.29</b>	0.10	0.72	
<b>Q6443A</b>	<b>0.52</b>	2.02	3.28	<b>0.28</b>	0.21	3.14	<b>1.22</b>	0.89	2.99	<b>0.20</b>	0.08	3.03	<b>0.32</b>	0.48	3.38	
<b>RH44B6</b>	<b>0.41</b>	1.11	0.59	<b>0.37</b>	1.49	0.44	<b>1.18</b>	0.63	0.45	<b>0.33</b>	1.66	0.41	<b>0.36</b>	1.12	0.37	
<b>RNBRQR</b>	<b>0.29</b>	0.03	0.23	<b>0.34</b>	1.07	1.97	<b>1.04</b>	-0.12	0.30	<b>0.19</b>	-0.04	0.72	<b>0.26</b>	-0.37	0.58	
<b>TUBPVA</b>	<b>0.25</b>	-0.29	0.31	<b>0.22</b>	-0.83	0.36	<b>1.08</b>	0.08	0.85	<b>0.20</b>	0.04	0.50	<b>0.27</b>	-0.22	0.41	
<b>VX8VP7</b>	<b>0.27</b>	-0.09	0.41	<b>0.22</b>	-0.77	0.00	<b>0.84</b>	-1.28	0.27	<b>0.16</b>	-0.50	0.57	<b>0.22</b>	-0.96	0.00	
<b>WHNRH2</b>	<b>0.33</b>	0.43	0.27	<b>0.31</b>	0.65	0.07	<b>1.01</b>	-0.33	0.49	<b>0.18</b>	-0.23	0.13	<b>0.40</b>	1.65	0.35	
<b>WM6UP7</b>	<b>0.17</b>	-1.02	0.06	<b>0.21</b>	-0.95	0.43	<b>0.63</b>	-2.52	0.82	<b>0.14</b>	-0.68	0.30	<b>0.20</b>	-1.28	0.65	
<b>WV9DJL</b>	<b>0.35</b>	0.56	0.13	<b>0.28</b>	0.16	0.43	<b>0.97</b>	-0.56	0.70	<b>0.27</b>	0.94	0.64	<b>0.29</b>	0.02	0.10	
<b>ZYHN82</b>	<b>0.30</b>	0.11	0.14	<b>0.29</b>	0.34	0.13	<b>1.08</b>	0.09	0.21	<b>0.23</b>	0.38	0.67	<b>0.31</b>	0.37	0.16	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	0.28	0.27	1.07	0.20	0.28	
<b>Median Abs Dev</b>	0.05	0.04	0.10	0.05	0.03	
<b>Avg Within Lab SD</b>	0.06	0.04	0.08	0.04	0.04	
<b>Labs Included</b>	24	21	24	22	22	
<b>Labs Reporting</b>	24	24	24	23	24	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2QMUQU	0.397	2.61		0.138	1.81		1.148	3.84X		0.261	1.57		0.184	1.35		
4EK7QW							0.760	0.00	0.21							
6D9TKE	0.167	-0.49	0.16				0.783	0.23	0.12	0.107	-0.50	0.16				
84A99W	0.240	0.49	0.00	0.070	-0.26	0.00	0.730	-0.30	0.00	0.230	1.15	0.00	0.170	1.10	0.00	
9Z8RBT	0.213	0.13	0.85	0.090	0.35	0.59	0.677	-0.82	0.83	0.130	-0.18	0.75	0.103	-0.12	0.81	
B78PYN	0.160	-0.58					0.790	0.30		0.110	-0.45					
CWWNDM	0.157	-0.63	0.16				0.757	-0.03	0.43	0.105	-0.52	0.20				
D9M2LH	0.303	1.35	0.32	0.150	2.16	3.10	0.927	1.65	3.19	0.307	2.18	1.07	0.210	1.84	1.92	
FZ4BJN	0.200	-0.04	0.00	0.100	0.65		0.700	-0.59	0.00	0.133	-0.14	1.63	0.100	-0.18	0.00	
GDKPVL	0.183	-0.27	0.16	0.060	-0.56	0.59	0.650	-1.09	0.71	0.150	0.08	1.46	0.093	-0.31	0.31	
GN9GMK	0.394	2.57	3.43	0.117	1.16	1.21	0.914	1.53	1.83	0.335	2.56	2.81	0.158	0.89	2.70	
HXDN3K	0.237	0.45	1.32	0.110	0.95	0.59	0.080	-6.73X	0.21	0.180	0.49	0.49	0.220	2.02	1.07	
MG7FPD	0.181	-0.30	0.08	0.063	-0.48	0.08	0.797	0.36	0.04	0.130	-0.18	0.34	0.102	-0.15	0.48	
RH44B6	0.276	0.97	0.71	0.081	0.06	0.22	0.868	1.07	0.30	0.248	1.40	0.37	0.129	0.34	0.25	
RNBRQR	0.177	-0.36	0.32	0.077	-0.06	0.90	0.780	0.20	0.36	0.130	-0.18	0.56	0.090	-0.37	0.53	
VX8VP7	0.182	-0.29	0.23	0.058	-0.63	0.04	0.673	-0.86	0.25	0.133	-0.14	0.59	0.090	-0.37	0.18	
WHNRH2	0.208	0.06	0.27	0.079	0.00	0.02	0.758	-0.02	0.75	0.152	0.11	0.19	0.152	0.78	0.44	
WM6UP7	0.167	-0.49	0.90	0.054	-0.73	0.15	0.565	-1.93	0.44	0.137	-0.08	0.62	0.095	-0.28	0.57	
ZYHN82	0.207	0.04	0.16	0.070	-0.26	0.00	0.810	0.49	0.00	0.160	0.22	0.00	0.110	0.00	0.00	

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Grand Median	0.20			0.079			0.76			0.14			0.11		
Median Abs Dev	0.03			0.019			0.05			0.03			0.02			
Avg Within Lab SD	0.04			0.017			0.05			0.04			0.02			
Labs Included	18			15			17			18			15			
Labs Reporting	18			15			19			18			15			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38BFRZ	0.25	0.32	0.45	0.52	0.03	0.30	2.45	-0.36	0.30	0.27	-0.42	0.34	0.22	-0.09	0.28
4EK7QW				0.45	-0.41	0.11	3.24	0.71	0.56	0.30	0.01		3.93	28.10X	
84A99W	0.17	-0.60	0.00	0.26	-1.77	0.00	2.20	-0.70	0.00	0.32	0.33	0.00	0.20	-0.24	0.00
9Z8RBT	0.20	-0.23	1.23	0.39	-0.83	1.60	2.10	-0.84	3.04	0.21	-1.49	0.85	0.18	-0.39	0.74
B78PYN				0.68	1.18		3.38	0.90							
CV3VKP	0.30	0.79	0.02	0.35	-1.13	0.02	1.05	-2.26	0.03	0.31	0.17	0.01	0.30	0.53X	0.02
CWWNDM				0.52	0.03	0.29	2.86	0.20	0.22						
FZ4BJN	0.36	1.54	2.38	0.57	0.43	1.76	3.69	1.32	0.46	0.38	1.29	1.74	0.29	0.47	1.70
GDKPVL	0.32	1.06	0.51	0.59	0.55	2.51	2.78	0.09	1.83	0.39	1.40	0.64	0.74	3.86X	12.80
GN9GMK	0.60	4.15X	1.95	0.70	1.35	1.74	2.34	-0.51	1.48	0.55	3.98X	2.33	0.47	1.84	1.68
HXD3K	0.36	1.47	0.95	0.74	1.62	1.53	2.62	-0.13	1.43	0.42	1.93	1.79	0.46	1.72	1.57
MG7FPD	0.17	-0.60	0.05	0.51	-0.04	0.24	3.43	0.97	0.20	0.24	-1.01	0.12	0.15	-0.60	0.13
Q6443A	0.41	2.09	2.51	0.60	0.58	0.42	2.99	0.38	1.27	0.40	1.64	0.04	0.45	1.63	2.93
RH44B6	0.22	0.00	0.05				3.21	0.68	0.06	0.27	-0.48	0.23	0.20	-0.28	0.01
RLKME8	0.88	7.26X	0.89	0.75	1.67		1.17	-2.10	0.13	3.72	54.90X	2.57	0.57	2.57	0.16
RNBRQR	0.18	-0.47	0.16	0.48	-0.22	0.68	2.71	0.00	0.07	0.28	-0.36	0.58	0.18	-0.42	0.17
TUBPVA	0.22	-0.01	0.90	0.46	-0.37	0.52	2.93	0.29	0.15	0.27	-0.47	0.59	0.21	-0.14	0.37
UYL3D9	0.22	0.00	0.80	0.60	0.62	0.33	3.31	0.80	0.16	0.31	0.13	0.62	0.24	0.09	0.19
VX8VP7	0.29	0.76	0.34	0.46	-0.37	0.98	2.42	-0.40	0.54	0.27	-0.42	1.29	0.32	0.67	0.43
WHNRH2	0.73	5.61X	0.83	0.56	0.31	0.08	2.63	-0.11	0.14	0.27	-0.41	0.03	0.26	0.20	0.06
WM6UP7	0.18	-0.45	0.36	0.38	-0.92	0.21	2.17	-0.74	1.50	0.30	0.00	2.67	0.19	-0.33	0.30
WV9DJL	0.17	-0.64	0.45	0.46	-0.39	0.63	2.17	-0.74	0.31	0.27	-0.53	0.68	0.18	-0.37	0.09
ZYHN82	0.26	0.43	0.48	0.51	-0.03	0.00	2.92	0.28	0.33	0.32	0.32	0.36	0.24	0.10	0.26



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	0.22	0.51	2.71	0.30	0.23	
<b>Median Abs Dev</b>	0.05	0.07	0.50	0.03	0.05	
<b>Avg Within Lab SD</b>	0.03	0.05	0.20	0.04	0.06	
<b>Labs Included</b>	17	22	23	19	18	
<b>Labs Reporting</b>	20	22	23	21	21	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SO4 - sp (SubTestCode 111) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2QMUQU	0.16	-1.57		1.37	-2.89X		0.19	-2.50		0.30	-2.18		0.17	-2.16	
38BFRZ	0.33	-0.18	0.32	4.23	0.53	0.37	0.67	-0.21	0.17	0.77	0.04	0.15	0.38	-0.66	0.11
4EK7QW	0.43	0.64	0.32	4.40	0.73	0.28	0.82	0.50	0.17	1.07	1.51	4.10	0.49	0.08	0.11
6D9TK2	0.37	0.18	0.37	4.71	1.10	0.27	0.80	0.39	0.53	0.78	0.09	0.15	0.48	0.05	0.87
6D9TKE	0.36	0.07	0.00	4.33	0.65	0.08	0.78	0.32	0.26	0.79	0.14	0.11	0.44	-0.23	0.11
84A99W	0.34	-0.10	0.00	2.79	-1.19	0.00	0.60	-0.55	0.00	0.64	-0.57	0.00	0.42	-0.40	0.00
9Z8RBT	0.47	0.96	1.81	2.58	-1.44	3.18	0.58	-0.66	1.66	0.76	0.02	0.05	0.51	0.22	0.86
B78PYN	0.33	-0.18		4.65	1.03		0.83	0.55		0.84	0.39		0.41	-0.47	
CWWNDM	0.18	-1.36	0.05	3.49	-0.35	0.21	0.42	-1.41	0.47	0.48	-1.34	0.20	0.30	-1.29	0.08
FZ4BJN	0.49	1.10	0.37	3.60	-0.22	0.18	0.72	0.01	0.36	0.89	0.62	0.20	0.49	0.08	0.28
GDKPVL	0.31	-0.31	0.82	4.35	0.67	1.10	0.71	-0.01	0.20	0.70	-0.30	0.15	0.57	0.67	0.67
GN9GMK	0.54	1.50	1.95	4.34	0.66	1.20	0.83	0.54	0.08	0.92	0.76	0.72	0.55	0.50	1.76
HXDN3K	0.41	0.45	2.91	3.64	-0.18	1.61	0.61	-0.48	0.56	0.73	-0.15	1.27	0.49	0.08	0.65
MG7FPD	0.42	0.59	0.53	4.06	0.33	0.19	0.84	0.62	0.22	0.84	0.37	0.34	0.50	0.16	0.38
Q6443A	0.89	4.42X	18.85	4.33	0.65	0.85	0.86	0.68	3.11	0.85	0.42	0.57	0.61	0.97	3.25
RH44B6	0.22	-1.06	0.10	3.77	-0.02	0.24	0.44	-1.29	0.05	0.50	-1.26	0.03	0.33	-1.07	0.02
RLKME8	0.70	2.85X	0.13	0.54	-3.89X	0.00	0.76	0.22	0.03	0.73	-0.16	0.01	0.79	2.21	0.09
RNBRQR	0.21	-1.19	0.08	2.84	-1.14	0.92	0.40	-1.47	0.50	0.49	-1.27	0.26	0.28	-1.39	0.33
TUBPVA	0.39	0.31	0.83	3.80	0.02	1.19	0.74	0.12	0.92	0.75	-0.02	0.52	0.57	0.70	1.72
VX8VP7	0.28	-0.56	0.19	3.02	-0.91	0.45	0.59	-0.58	0.36	0.50	-1.22	0.15	0.45	-0.16	0.70
WHNRH2	0.49	1.13	0.20	3.73	-0.07	0.05	0.74	0.11	0.67	0.85	0.43	0.31	0.47	-0.05	0.33
WM6UP7	0.34	-0.07	0.51	2.46	-1.59	0.17	0.37	-1.63	2.17	0.42	-1.60	0.20	0.30	-1.23	0.20





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	0.35	3.79	0.72	0.76	0.48	
<b>Median Abs Dev</b>	0.07	0.55	0.11	0.09	0.07	
<b>Avg Within Lab SD</b>	0.03	0.26	0.06	0.10	0.05	
<b>Labs Included</b>	20	20	22	22	22	
<b>Labs Reporting</b>	22	22	22	22	22	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>2.4</b>	-0.43		<b>16.9</b>	-0.73		<b>0.3</b>	0.50		<b>2.2</b>	-0.16		<b>8.2</b>	-0.89	
<b>4EK7QW</b>	<b>3.0</b>	0.01	2.11	<b>35.4</b>	1.05	0.06	<b>0.3</b>	0.46	2.40	<b>4.7</b>	2.18	2.98	<b>17.2</b>	0.98	0.75
<b>84A99W</b>	<b>1.6</b>	-1.07	0.00	<b>16.2</b>	-0.79	0.00	<b>0.6</b>	2.25	0.00	<b>1.5</b>	-0.86	0.00	<b>5.6</b>	-1.41	0.00
<b>9Z8RBT</b>	<b>1.1</b>	-1.45	1.85	<b>12.2</b>	-1.18	2.50	<b>0.1</b>	-0.39	1.19	<b>1.7</b>	-0.66	0.28	<b>9.4</b>	-0.63	2.73
<b>CWWNDM</b>	<b>3.5</b>	0.42	0.20	<b>31.2</b>	0.65	0.36	<b>0.2</b>	0.00	0.57	<b>2.9</b>	0.47	0.07	<b>14.2</b>	0.37	0.09
<b>HXDN3K</b>	<b>3.6</b>	0.49	0.93	<b>27.5</b>	0.29	1.59	<b>3.7</b>	17.90X	2.59	<b>2.9</b>	0.53	0.11	<b>14.9</b>	0.51	0.59
<b>MG7FPD</b>	<b>3.9</b>	0.74	0.41	<b>31.4</b>	0.67	0.07	<b>0.1</b>	-0.39	0.41	<b>2.5</b>	0.10	0.05	<b>15.2</b>	0.57	0.22
<b>RNBRQR</b>	<b>3.6</b>	0.50	0.12	<b>24.3</b>	-0.01	0.22	<b>0.1</b>	-0.53	0.17	<b>2.4</b>	0.06	0.01	<b>12.4</b>	-0.01	0.31
<b>WM6UP7</b>	<b>0.8</b>	-1.63	0.10	<b>10.3</b>	-1.36	0.09	<b>0.0</b>	-0.59	0.55	<b>0.6</b>	-1.66	0.04	<b>5.8</b>	-1.37	0.18
<b>WV9DJL</b>	<b>2.9</b>	-0.01	0.18	<b>24.5</b>	0.01	0.12	<b>0.3</b>	0.95	0.07	<b>2.3</b>	-0.06	0.02	<b>12.5</b>	0.01	0.69

NO3 - sp (SubTestCode 112) in the Salinity Property Groups						Data units: mmolc/L	
	SRS2411		SRS2412		SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	2.94		24.4		0.16	2.36	12.5
<b>Median Abs Dev</b>	0.64		7.3		0.10	0.53	2.9
<b>Avg Within Lab SD</b>	0.24		1.7		0.03	1.35	0.5
<b>Labs Included</b>	10		10		9	10	10
<b>Labs Reporting</b>	10		10		10	10	10



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2QMUQU	0.057	-0.31		0.048	-0.40		0.064	-0.46		0.083	-0.43		0.031	-0.32			
4EK7QW	0.070	-0.01	0.00	0.067	0.09	0.89	0.087	-0.21	0.61	0.093	-0.31	1.44					
6D9TK2							0.280	1.95	0.00	0.280	1.86	0.00					
6D9TKE	0.270	4.66X		0.307	6.40X	4.66	0.290	2.06	1.41	0.290	1.98	0.88					
84A99W	0.060	-0.24	0.00	0.060	-0.08	0.00	0.090	-0.17	0.00	0.110	-0.12	0.00	0.040	-0.13	0.00		
9Z8RBT	0.160	2.10	1.10	0.167	2.72	0.93	0.188	0.93	1.32	0.220	1.16	1.32	0.149	2.17	2.03		
B78PYN							0.290	2.06		0.260	1.63						
FZ4BJN	0.117	1.08	1.23	0.117	1.41	0.45	0.183	0.87	0.81	0.197	0.89	0.72	0.063	0.36	0.38		
GDKPVL	0.053	-0.40	0.62	0.053	-0.26	0.45	0.090	-0.17	0.53	0.090	-0.35	0.00	0.030	-0.34	0.00		
HXDN3K	0.057	-0.32	1.23	0.057	-0.17	0.45	0.053	-0.58	2.01	0.097	-0.27	1.30	0.060	0.29	1.75		
MG7FPD	0.060	-0.24	0.00	0.063	0.00	0.23	0.092	-0.15	0.53	0.105	-0.17	0.81	0.039	-0.16	0.10		
RNBRQR	0.080	0.21	0.25	0.075	0.31	1.36	0.107	0.02	0.38	0.126	0.07	1.15	0.046	0.00	0.62		
TUBPVA	0.083	0.30	0.62	0.063	0.00	0.89	0.130	0.28	0.53	0.120	0.00	1.25	0.053	0.15	0.38		
VX8VP7	0.047	-0.56	1.23	0.027	-0.96	0.45	0.070	-0.39	0.53	0.070	-0.58	0.63	0.020	-0.56	0.00		
WHNRH2	0.163	2.16	1.22	0.155	2.41	2.42	0.206	1.12	1.64	0.196	0.88	1.79	0.158	2.36	1.76		
WV9DJL	0.135	1.50	2.21	0.049	-0.37	1.41	0.099	-0.07	1.48	0.175	0.65	0.99	0.132	1.81	1.01		
ZYHN82	0.071	0.01	0.23	0.073	0.27	0.16	0.105	0.00	0.18	0.111	-0.11	0.25	0.041	-0.11	0.05		

B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Grand Median	0.070			0.063			0.11			0.12			0.046			
Median Abs Dev	0.014			0.011			0.04			0.04			0.015				
Avg Within Lab SD	0.009			0.013			0.02			0.02			0.015				
Labs Included	14			14			17			17			13				
Labs Reporting	15			15			17			17			13				



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
362FMT	0.22	-0.19	0.14	1.26	0.62	0.30	0.23	0.36	0.46	0.27	0.00	0.18	0.56	0.51	0.17	
66RH9Y	0.30	1.67	0.55	1.25	0.57	0.04	0.27	1.33	0.24	0.34	1.13	0.14	0.56	0.47	0.14	
8HCJZP	0.27	1.08	0.57	1.35	0.99	0.24	0.21	0.02	0.61	0.28	0.21	0.46	0.60	0.84	0.23	
99HTTN	0.20	-0.68	0.57	0.88	-1.07	0.73	0.13	-2.01	0.61	0.24	-0.62	0.46	0.35	-1.13	0.23	
9WTU7R	0.21	-0.37	2.59	1.22	0.45	1.41	0.14	-1.77	1.61	0.23	-0.68	1.84	0.41	-0.71	3.00	
9YYC9U	0.27	1.00	0.98	1.10	-0.12	0.43	0.22	0.10	2.65	0.19	-1.39	1.22	0.44	-0.45	0.79	
9Z8RBT	0.21	-0.44	0.57	0.96	-0.75	1.98	0.20	-0.36	1.19	0.22	-0.84	0.79	0.41	-0.69	0.85	
AMY7NU	0.25	0.60	0.15	1.07	-0.22	0.32	0.21	0.00	1.18	0.34	1.16	1.83	0.46	-0.30	0.90	
AWMXET	0.26	0.83	1.63	0.96	-0.74	0.94	0.21	-0.04	1.06	0.49	3.91X	3.63	0.45	-0.34	1.24	
AXHFFU	0.26	0.70	0.57	1.20	0.36	0.12	0.25	0.80	1.22	0.31	0.63	0.46	0.56	0.47	0.23	
D9M2LH	0.17	-1.29	0.98	1.13	0.01	3.22	0.17	-1.07	0.61	0.23	-0.74	1.38	0.79	2.27	1.94	
FFE2DF	0.16	-1.49	2.07	1.02	-0.47	1.07	0.22	0.22	0.93	0.22	-0.93	0.27	0.52	0.16	0.37	
GN9GMK	0.23	-0.02	1.26	0.98	-0.65	1.51	0.17	-0.94	2.05	0.31	0.71	1.58	0.44	-0.48	2.01	
H9AUVJ	0.28	1.31	0.57	1.67	2.45	0.43	0.25	0.96	0.61	0.30	0.45	1.22	0.70	1.59	0.79	
HBAAXE	0.20	-0.60	0.00	1.17	0.19	1.20	0.20	-0.29	0.00	0.30	0.51	0.00	0.50	0.02		
HTEERH	0.24	0.41	0.06	1.06	-0.26	0.05	0.25	0.77	0.12	0.31	0.70	0.05	0.42	-0.61	0.02	
JMMRAH	0.19	-0.95	0.10	0.85	-1.20	0.05	0.19	-0.59	0.06	0.23	-0.82	0.09	0.38	-0.93	0.10	
QJZMD7	0.23	0.15	1.08	1.21	0.40	0.43	0.23	0.44	1.11	0.30	0.54	0.80	0.55	0.42	0.62	
RLKME8	7.00	155.36X		7.00	26.17X		7.00	158.69X		7.00	119.91X		7.00	51.02X		
RNBRQR	0.25	0.55	1.09	1.58	2.05	0.35	0.24	0.64	0.84	0.24	-0.65	2.23	0.53	0.24	1.08	
THG979	0.20	-0.56	0.14	1.21	0.38	0.09	0.16	-1.27	0.03	0.25	-0.34	0.09	0.51	0.13	0.58	
VX8VP7	0.23	0.08	0.98	1.12	-0.01	0.42	0.20	-0.29	0.00	0.30	0.45	0.46	0.49	-0.03	0.23	
WHNRH2	0.42	4.39X	0.79	2.86	7.75X	0.32	0.67	10.68X	1.15	0.43	2.91X	0.31	0.80	2.35	0.15	
XMJPMY	0.23	0.02	0.46	1.00	-0.53	0.16	0.24	0.68	0.44	0.32	0.79	0.29	0.35	-1.16	0.06	
Y3BZT2	5.25	115.22X	4.49	6.85	25.52X	1.46	4.83	107.88X	3.99	5.01	84.50X	2.43	5.68	40.66X	2.97	
Z33H42	0.21	-0.30	0.99	1.22	0.45	0.43	0.21	0.00	0.11	0.24	-0.62	0.36	0.50	0.00	0.73	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2411				SRS2412			SRS2413			SRS2414			SRS2415			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Z4DH63</b>	<b>0.19</b>	-0.91	0.57	<b>0.85</b>	-1.23	0.32	<b>0.16</b>	-1.23	0.00	<b>0.24</b>	-0.62	1.22	<b>0.42</b>	-0.58	0.23	

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2411				SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	0.23			1.12			0.21			0.27			0.50			
<b>Median Abs Dev</b>	0.03			0.11			0.03			0.04			0.06			
<b>Avg Within Lab SD</b>	0.01			0.05			0.01			0.01			0.03			
<b>Labs Included</b>	24			24			24			23			25			
<b>Labs Reporting</b>	27			27			27			27			27			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3AVAPZ	0.17	0.46	0.23	1.03	0.21	0.16	0.17	0.56	0.20	0.17	0.15	0.15	0.46	0.38	0.27	
4VT6VT	0.21	1.78	0.23	1.01	0.10	0.62	0.22	3.00X	3.13	0.24	3.79X	1.55	0.51	1.02	0.67	
66RH9Y	0.19	1.09	0.12	0.95	-0.31	0.15	0.17	0.64	0.54	0.20	1.49	0.20	0.41	-0.26	0.17	
6D9TKE	0.18	0.52	0.45	1.11	0.71	0.23	0.15	-0.20	0.31	0.16	-0.18	0.18	0.48	0.65	0.37	
84A99W	0.16	-0.10	0.00	0.89	-0.65	0.00	0.19	1.58	0.00	0.10	-3.40X	0.00	0.27	-1.99	0.00	
9TTHAR	0.18	0.68	1.50	1.07	0.47	0.47	0.16	0.44	1.18	0.17	0.20	1.55	0.47	0.50	0.28	
B78PYN	0.16	-0.02	0.54	1.02	0.14	1.07	0.16	0.41	0.85	0.16	-0.21	0.15	0.45	0.30	0.32	
B8F3GP	0.14	-1.05	0.23	1.00	0.03	1.06	0.14	-0.56	0.41	0.14	-1.38	0.24	0.43	0.00	0.14	
CJMCHK	0.17	0.23	0.09	1.02	0.12	0.14	0.16	0.23	0.24	0.16	-0.15	0.09	0.44	0.11	0.07	
D9M2LH	0.66	19.15X	3.77	3.59	15.73X	12.94	0.60	19.23X	4.26	0.49	16.62X	1.55	1.83	17.74X	3.21	
DTBJYP	0.16	-0.20	0.00	0.95	-0.31	0.00	0.15	-0.08	0.01	0.15	-0.62	0.03	0.38	-0.59	0.29	
EAXY2L	0.17	0.14	0.00	0.99	-0.04	0.00	0.15	0.00	0.00	0.16	-0.52	0.00	0.43	-0.01	0.00	
GN9GMK	0.16	-0.19	2.46	0.74	-1.57	3.34	0.14	-0.40	1.79	0.20	1.69	2.99	0.35	-1.02	0.52	
HY8GVH	0.17	0.28	0.13	1.05	0.31	0.04	0.16	0.15	0.53	0.16	-0.31	0.20	0.45	0.30	0.05	
JLUVQF	0.14	-0.83	0.19	0.93	-0.42	0.15	0.15	-0.29	0.89	0.14	-1.15	0.11	0.39	-0.47	0.03	
JMMRAH	0.12	-1.47	0.09	0.65	-2.08	0.06	0.11	-1.69	0.31	0.14	-1.55	0.15	0.22	-2.61	4.34	
KHNPPF	0.17	0.43	0.09	1.04	0.25	0.15	0.15	-0.23	0.31	0.16	-0.49	0.09	0.44	0.15	0.10	
NQ6HHA	0.14	-0.88	1.25	0.81	-1.15	0.47	0.14	-0.65	2.11	0.17	0.28	2.13	0.35	-0.97	0.88	
NVJBHE	0.14	-0.71	0.68	0.56	-2.66	0.08	0.12	-1.46	0.83	0.20	1.96	0.49	0.25	-2.22	0.30	
QWMRPA	0.16	0.03	0.86	1.14	0.89	2.23	0.19	1.72	1.18	0.18	0.71	1.55	0.48	0.63	1.13	
RNBRQR	0.15	-0.55	1.70	0.91	-0.54	0.56	0.15	0.01	1.05	0.17	0.35	0.86	0.35	-1.03	0.76	
TARMZA	0.15	-0.52	0.00	1.03	0.20	0.00	0.15	-0.30	0.00	0.15	-0.93	0.00	0.44	0.14	0.00	
TL2339	0.12	-1.52	0.86	0.74	-1.56	1.07	0.13	-0.84	1.18	0.17	0.20	1.55	0.31	-1.52	0.56	
TRQM64	0.18	0.68	1.50	1.09	0.55	1.54	0.18	1.15	2.05	0.17	0.20	1.55	0.42	-0.05	2.04	
UYL3D9	0.18	0.81	0.86	1.00	0.02		0.18	1.30	1.18	0.18	0.71	0.00	0.46	0.42	0.00	
VEQX2Y	0.13	-1.26	1.50	0.63	-2.23	0.41	0.14	-0.56	0.00	0.16	-0.49	0.89	0.43	0.00	1.23	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WBBHB9</b>	<b>0.19</b>	1.24	0.04	<b>1.08</b>	0.48	2.04	<b>0.17</b>	0.63	0.14	<b>0.17</b>	0.17	0.54	<b>0.48</b>	0.65	0.16	
<b>XMWJ3Y</b>	<b>0.16</b>	0.02	0.58	<b>1.02</b>	0.17	0.17	<b>0.16</b>	0.24	0.12	<b>0.16</b>	-0.17	0.12	<b>0.44</b>	0.19	0.07	
<b>XU2BF3</b>	<b>0.14</b>	-0.87		<b>0.89</b>	-0.65		<b>0.13</b>	-0.98		<b>0.13</b>	-1.86		<b>0.39</b>	-0.47		
<b>Z72TY2</b>	<b>0.14</b>	-1.01	2.39	<b>0.77</b>	-1.41	0.46	<b>0.13</b>	-0.82	2.17	<b>0.17</b>	0.25	0.91	<b>0.33</b>	-1.20	0.35	
<b>ZYHN82</b>	<b>0.18</b>	0.68	1.50	<b>0.99</b>	-0.02	0.47	<b>0.19</b>	1.44	1.18	<b>0.18</b>	0.54	0.89	<b>0.46</b>	0.38	0.28	
Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	0.16			1.00			0.15			0.17			0.43			
<b>Median Abs Dev</b>	0.02			0.07			0.01			0.01			0.04			
<b>Avg Within Lab SD</b>	0.01			0.02			0.00			0.01			0.02			
<b>Labs Included</b>	30			30			29			28			30			
<b>Labs Reporting</b>	31			31			31			31			31			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			Unit	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2LX942	5.34	-0.37	0.16	6.97	0.66	0.00	4.80	-0.37	0.00	5.15	-0.09	0.00	5.72	0.24	0.00		
2QMUQU	4.92	-3.30X	9.89	4.85	-13.78X	3.25	6.80	13.80X	1.97	5.23	0.43	1.39	5.58	-0.88	2.82		
362FMT	5.44	0.29	0.98	6.88	0.05	0.14	4.84	-0.06	0.70	5.18	0.13	0.38	5.63	-0.51	0.44		
3AVAPZ	5.42	0.14	0.16	7.24	2.52X	0.33	4.80	-0.34	0.64	5.09	-0.45	0.50	5.95	2.11	0.16		
3B7CBY	5.14	-1.74	0.42	6.86	-0.07	0.44	4.84	-0.11	0.32	5.03	-0.88	0.76	5.56	-1.04	0.00		
4VT6VT	5.13	-1.81	1.58	6.70	-1.18	1.44	4.70	-1.07	2.78	4.90	-1.69	0.00	5.47	-1.79	1.64		
66RH9Y	5.10	-2.06	0.42	6.69	-1.27	0.17	4.79	-0.44	0.48	4.98	-1.20	0.50	5.48	-1.71	0.44		
6D9TKE	5.34	-0.39	0.99	6.97	0.66	0.29	4.90	0.34	0.28	5.12	-0.30	0.50	5.69	0.03	0.44		
7G2HEQ	5.46	0.46	0.42	7.03	1.09	0.22	4.86	0.06	0.74	5.15	-0.09	1.18	5.80	0.88	0.75		
8HCJZP	5.33	-0.43	1.58	6.73	-0.95	0.83	4.90	0.34	0.00	5.03	-0.83	1.89	5.70	0.08	0.00		
99HTTN	5.40	0.02	0.00	6.90	0.18	0.00	4.90	0.34	0.00	5.20	0.24	0.00	5.70	0.08	0.00		
9DDK6Q	5.48	0.55	0.57	6.59	-1.95	1.08	5.37	3.65X	0.32	5.48	2.01	0.83	5.51	-1.47	1.40		
9TTHAR	5.42	0.14	1.04	6.60	-1.88	1.10	4.89	0.25	2.13	5.25	0.53	0.83	5.71	0.19	1.40		
9WTU7R	5.37	-0.21	1.58	7.03	1.09	0.83	5.03	1.29	1.61	5.17	0.02	1.89	5.70	0.08	0.00		
9Z8RBT	5.42	0.14	0.57	6.87	0.00	0.33	4.95	0.67	0.98	5.23	0.41	0.50	5.78	0.69	1.00		
AMY7NU	5.40	0.00	0.63	6.94	0.48	0.60	4.87	0.11	1.05	5.10	-0.43	0.38	5.64	-0.40	0.00		
AWMXET	5.38	-0.14	1.87	6.90	0.18	0.00	4.86	0.06	1.47	5.10	-0.41	0.00	5.68	-0.11	1.94		
AXHFFU	5.60	1.42	0.16	7.09	1.45	0.08	5.19	2.40	0.28	5.08	-0.56	0.19	5.66	-0.21	0.16		
AYB9AR	5.34	-0.41	0.42	6.92	0.32	0.14	4.74	-0.79	0.56	5.00	-1.03	0.19	5.63	-0.45	0.44		
B78PYN	5.32	-0.55	1.51	6.81	-0.45	1.22	4.86	0.04	1.05	5.11	-0.36	0.68	5.60	-0.72	0.85		
BCTKWL	5.26	-0.96	0.16	6.97	0.66	0.00	4.78	-0.48	0.43	5.11	-0.34	0.57	5.67	-0.19	0.16		
CJMCHK	5.20	-1.37	0.88	6.90	0.16	0.36	4.77	-0.60	0.58	5.00	-1.05	0.98	5.63	-0.45	1.64		
DM3ZVP	5.56	1.14	0.84	6.85	-0.18	0.08	5.12	1.88	0.16	5.41	1.58	0.33	5.76	0.53	0.16		
DR37GM	5.34	-0.41	0.42	6.76	-0.77	0.29	4.82	-0.20	0.43	5.21	0.28	0.50	5.58	-0.88	0.28		
DTBJYP	5.43	0.21	0.69	6.84	-0.20	0.33	4.85	0.01	1.40	5.21	0.32	1.33	5.68	-0.05	0.33		
EAXY2L	5.42	0.18	1.14	6.72	-1.04	0.80	4.98	0.93	1.26	5.32	1.03	1.33	5.84	1.20	0.75		





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			Unit	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
FFE2DF	5.56	1.14	1.11	6.85	-0.16	0.66	5.10	1.76	1.69	5.38	1.37	1.24	5.76	0.56	0.28		
FRA8CK	5.33	-0.43	1.58	6.73	-0.95	0.83	4.83	-0.13	1.61	5.17	0.02	1.89	5.67	-0.19	1.64		
GN9GMK	5.47	0.50	1.20	6.94	0.48	0.22	4.96	0.79	0.98	5.26	0.62	1.31	5.74	0.37	1.57		
H9AUVJ	5.26	-0.94	0.27	6.82	-0.34	0.22	4.83	-0.18	1.16	5.00	-1.03	0.19	5.61	-0.67	0.16		
HBAAXE	5.50	0.71		6.90	0.18	0.00	4.93	0.58	1.61	5.30	0.88	0.00	5.73	0.35	1.64		
HG44YM	5.40	0.02	2.74	6.57	-2.09	5.81	4.80	-0.37	0.00	5.10	-0.41	0.00	5.63	-0.45	1.64		
HRP4WJ	5.37	-0.21	1.58	7.03	1.09	0.83	4.83	-0.13	1.61	5.23	0.45	1.89	5.70	0.08	0.00		
HTEERH	5.22	-1.21	0.48	6.80	-0.50	0.14	4.76	-0.65	0.28	4.92	-1.54	0.50	5.62	-0.56	0.28		
HXDN3K	5.18	-1.46	0.63	6.79	-0.59	0.35	4.67	-1.30	1.33	5.03	-0.85	1.01	5.52	-1.37	0.78		
JLUVQF	5.45	0.37	1.20	6.87	-0.05	0.41	4.96	0.79	1.05	5.27	0.68	2.00	5.68	-0.08	0.75		
JMMRAH	5.45	0.39	0.16	6.82	-0.39	0.22	5.12	1.88	0.43	5.23	0.45	0.38	5.85	1.28	0.00		
L3Q84A	5.36	-0.25	0.00	6.92	0.30	0.08	4.88	0.22	0.43	5.20	0.24	0.33	5.69	0.00	0.28		
LQVMXQ	5.20	-1.35	0.48	6.83	-0.27	0.46	4.85	-0.01	0.00	5.05	-0.73	0.57	5.58	-0.88	1.03		
MG7FPD	5.47	0.48	1.58	7.00	0.86		5.07	1.52	1.61	5.50	2.16		6.03	2.75X	1.64		
NEC2T9	5.31	-0.62	0.42	6.93	0.36	0.22	4.78	-0.48	0.70	5.12	-0.28	0.33	5.72	0.24	0.49		
NVJBHE	5.00	-2.72X		6.80	-0.50	0.00	4.60	-1.78	0.00	4.90	-1.69	0.00	5.50	-1.52			
PF4EXC	5.42	0.14	0.42	6.90	0.20	0.22	4.68	-1.22	0.28	5.16	0.00	0.50	5.72	0.21	0.44		
QGVUME	5.60	1.39	0.83	7.08	1.41	0.57	5.00	1.03	0.45	5.32	0.99	2.72	5.82	1.05	0.61		
QJZMD7	5.43	0.21	2.20	6.89	0.14	0.71	4.85	-0.01	1.11	5.16	-0.04	2.11	5.61	-0.64	2.53		
RLKME8	8.00	17.83X	0.16	8.00	7.65X	0.08	8.00	22.28X	0.16	8.00	18.17X	0.19	8.00	18.50X	0.16		
RNBRQR	5.04	-2.47	0.42	6.81	-0.43	0.38	4.63	-1.59	1.32	4.89	-1.73	2.01	5.49	-1.60	0.75		
TARMZA	5.39	-0.02	1.14	6.65	-1.50	0.72	4.80	-0.37	0.56	5.17	0.06	0.68	5.66	-0.24	0.00		
TDQXWA	5.38	-0.14	1.35	6.87	-0.02	1.23	4.80	-0.34	1.40	5.13	-0.24	1.00	5.66	-0.21	2.02		
THG979	5.48	0.57	0.04	6.91	0.22	0.03	5.13	1.94	0.18	5.22	0.39	0.03	5.79	0.77	0.07		
TQE348	5.58	1.26	0.78	6.97	0.62	0.51	5.11	1.79	0.20	5.33	1.07	0.93	5.84	1.16	0.20		
TRQM64	5.48	0.55	1.61	6.81	-0.45	1.74	4.96	0.79	1.37	5.26	0.64	1.33	5.75	0.51	1.40		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
U2AD98	5.60	1.39	0.00	6.90	0.18	0.00	4.90	0.34	0.00	5.17	0.04	0.00	5.76	0.56	0.00	
U3HQP9	5.32	-0.53	0.27	6.36	-3.50X	1.28	4.85	-0.04	0.43	5.00	-1.07	0.83	5.45	-1.92	0.28	
UTCQC2	5.42	0.18	0.42	6.88	0.07	0.22	4.81	-0.27	0.32	5.16	0.00	0.50	5.73	0.35	0.16	
UYL3D9	5.23	-1.17	1.38	6.72	-1.04	0.29	4.80	-0.39	0.58	4.97	-1.24	0.66	5.54	-1.18	0.72	
VEQX2Y	5.35	-0.30	0.42	6.95	0.50	0.08	4.80	-0.37	0.28	5.21	0.30	0.33	5.70	0.11	0.16	
VVCGUZ	5.48	0.57	0.27	6.90	0.20	0.33	4.92	0.51	0.80	5.22	0.38	0.83	5.76	0.59	0.44	
VX8VP7	5.60	1.37	1.11	6.92	0.30	0.08	5.08	1.64	1.53	5.26	0.64	1.62	5.86	1.34	0.92	
WHNRH2	7.62	15.27X	0.96	6.83	-0.32	1.98	4.96	0.74	0.98	4.98	-1.20	0.19	5.76	0.59	1.85	
XT7TD2	5.44	0.32	0.42	6.72	-1.02	1.51	4.92	0.48	0.28	5.25	0.56		5.54	-1.20	0.00	
XU2BF3	5.37	-0.18		7.03	1.07		4.80	-0.37		5.13	-0.21		5.72	0.24		
Z33H42	5.28	-0.78	0.16	6.48	-2.66	0.36	4.79	-0.46	0.43	5.10	-0.38	0.19	5.69	0.00	0.85	
Z4DH63	5.50	0.71		7.03	1.09	0.83	4.93	0.58	1.61	5.20	0.24	0.00	5.73	0.35	1.64	
ZYHN82	5.21	-1.30	0.32	6.63	-1.66	0.00	4.74	-0.79	0.00	4.90	-1.71	0.19	5.43	-2.06	0.72	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	5.40			6.87			4.85			5.16			5.69			
Median Abs Dev	0.07			0.07			0.07			0.07			0.07			
Avg Within Lab SD	0.04			0.07			0.04			0.03			0.04			
Labs Included	61			61			62			64			63			
Labs Reporting	65			65			65			65			65			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
23YER3	5.39	-0.41	0.18	6.96	-0.18	0.31	4.93	-0.33	0.24	5.21	-0.28	0.29	5.72	-0.36	0.10	
2QMUQU	5.33	-0.90	2.51	7.11	0.81	0.29	4.93	-0.39	1.65	5.03	-2.00	1.08	5.69	-0.56	1.78	
66RH9Y	5.25	-1.41	0.18	6.86	-0.86	0.12	4.84	-0.94	0.21	5.01	-2.16	0.11	5.65	-0.82	0.63	
6D9TKE	5.43	-0.14	0.15	7.02	0.23	0.51	4.98	-0.05	0.32	5.23	-0.16	0.29	5.73	-0.24	0.27	
84A99W	5.92	3.38	0.00	7.02	0.20	0.00	5.22	1.52	0.00	5.28	0.34	0.00	5.60	-1.21	0.00	
9YYC9U	5.40	-0.36	1.54	7.00	0.07	2.04	5.10	0.74	2.12	5.40	1.47	1.91	5.80	0.24	1.80	
AYB9AR	5.42	-0.22	0.57	6.92	-0.47	1.32	4.95	-0.22	0.55	5.19	-0.51	0.43	5.76	-0.02	0.15	
B78PYN	5.54	0.65	0.41	6.85	-0.95	1.43	5.08	0.64	0.68	5.26	0.13	0.94	5.74	-0.22	1.51	
CWD2GQ	5.00	-3.24		6.91	-0.54		4.55	-2.81X		4.80	-4.16X		5.57	-1.42		
CWWNDM	5.43	-0.12	0.73	7.03	0.29	0.12	4.99	0.03	0.37	5.21	-0.31	1.38	5.84	0.51	0.10	
D9M2LH	5.51	0.46	1.00	6.88	-0.74	1.95	5.00	0.10	0.73	5.25	0.03	0.88	5.73	-0.27	0.48	
DM3ZVP	5.60	1.08	0.41	6.93	-0.43	0.12	5.24	1.67	0.32	5.52	2.63	0.11	5.86	0.70	0.10	
F84YTF	5.54	0.66	1.53	7.10	0.75	2.52	5.08	0.60	0.65	5.42	1.64	2.42	5.88	0.79	0.80	
FGQQMK	6.80	9.71X		7.10	0.74		5.10	0.74		5.40	1.47		6.00	1.69		
GN9GMK	5.45	0.00	0.15	7.02	0.18	0.31	4.94	-0.27	0.44	5.24	0.00	0.55	5.81	0.29	0.45	
HY8GVH	5.51	0.43	0.15	7.09	0.70	0.24	5.21	1.43	0.49	5.26	0.13	0.44	5.97	1.47	0.48	
JETLFG	5.49	0.31	0.32	7.16	1.15	0.94	4.96	-0.14	0.32	5.22	-0.19	1.45	5.82	0.36	0.27	
JMMRAH	5.44	-0.10	0.24	6.76	-1.58	0.12	5.01	0.16	0.37	5.21	-0.28	0.22	5.80	0.27	0.37	
KHNPPF	5.47	0.14	0.15	7.12	0.90	0.51	5.15	1.09	0.32	5.25	0.03	0.40	5.79	0.19	0.37	
NQ6HHA	5.48	0.21	0.75	7.07	0.54	0.83	4.88	-0.65	3.35	5.32	0.72	0.91	5.87	0.73	0.48	
RNBRQR	5.41	-0.29	0.41	6.93	-0.41	0.35	4.93	-0.38	0.32	5.17	-0.66	0.67	5.59	-1.28	0.72	
TL2339	6.18	5.25X	0.56	6.24	-5.08X	0.74	5.29	1.99	0.88	5.24	0.00	1.27	5.35	-2.99X	0.85	
UYL3D9	5.50	0.38	0.69	6.89	-0.70	0.24	5.08	0.61	0.42	5.23	-0.13	0.00	5.76	-0.07	0.73	
VYCRPZ	5.37	-0.58	2.82	6.41	-3.95X	0.92	4.86	-0.81	1.32	4.84	-3.78X	0.51	5.06	-5.14X	0.37	
WBBHB9	5.46	0.07	0.27	6.99	0.00	1.43	4.98	-0.03	0.21	5.27	0.25	0.88	5.81	0.29	0.21	
X6FA2X	5.38	-0.50	0.31	6.84	-1.04	0.42	4.79	-1.28	0.12	5.24	0.00	0.62	5.54	-1.64	0.48	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XMWJ3Y</b>	<b>5.63</b>	1.32	0.76	<b>7.01</b>	0.16	0.66	<b>5.12</b>	0.87	0.97	<b>5.29</b>	0.47	0.80	<b>5.96</b>	1.42	0.27	
<b>Z72TY2</b>	<b>5.53</b>	0.60	0.89	<b>6.77</b>	-1.51	1.18	<b>4.93</b>	-0.33	1.22	<b>5.20</b>	-0.41	1.91	<b>5.77</b>	0.00	2.75	
<b>ZYHN82</b>	<b>5.42</b>	-0.24	1.33	<b>6.68</b>	-2.08	0.42	<b>4.85</b>	-0.87	0.56	<b>5.05</b>	-1.84	0.44	<b>5.61</b>	-1.16	2.23	
pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	5.45			6.99			4.99			5.24			5.77			
<b>Median Abs Dev</b>	0.06			0.10			0.10			0.03			0.07			
<b>Avg Within Lab SD</b>	0.06			0.05			0.05			0.05			0.06			
<b>Labs Included</b>	27			27			28			27			27			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DR37GM</b>	<b>4.83</b>	-1.46	0.84	<b>6.75</b>	-0.37	0.76	<b>4.35</b>	0.29	1.08	<b>4.63</b>	-0.03	1.51	<b>5.44</b>	0.30	0.68	
<b>DTBJYP</b>	<b>4.90</b>	-0.03	1.15	<b>6.66</b>	-1.79	1.31	<b>4.27</b>	-1.11	1.08	<b>4.66</b>	0.59	0.72	<b>5.40</b>	-0.57	1.03	
<b>FRA8CK</b>	<b>4.90</b>	0.03	0.00	<b>6.77</b>	-0.11	1.65	<b>4.30</b>	-0.64	0.00	<b>4.53</b>	-1.82	2.00	<b>5.40</b>	-0.65	0.00	
<b>GN9GMK</b>	<b>4.95</b>	0.99	0.32	<b>6.78</b>	0.16	0.60	<b>4.35</b>	0.29	0.25	<b>4.69</b>	1.08	0.35	<b>5.45</b>	0.74	1.13	
<b>L3Q84A</b>	<b>4.88</b>	-0.37	0.55	<b>6.72</b>	-0.89	0.44	<b>4.35</b>	0.17	1.38	<b>4.67</b>	0.65	1.00	<b>5.40</b>	-0.57	0.68	
<b>NEC2T9</b>	<b>4.89</b>	-0.17	1.46	<b>6.88</b>	1.68	0.50	<b>4.38</b>	0.70	0.50	<b>4.63</b>	-0.09	0.40	<b>5.50</b>	2.05	1.29	
<b>PF4EXC</b>	<b>4.92</b>	0.37	0.84	<b>6.78</b>	0.11	0.29	<b>4.25</b>	-1.51	0.43	<b>4.58</b>	-0.90	0.20	<b>5.42</b>	-0.13	0.45	
<b>QWMRPA</b>	<b>4.93</b>	0.58	0.84	<b>6.72</b>	-0.89	1.84	<b>4.39</b>	0.87	1.24	<b>4.69</b>	1.14	1.11	<b>5.38</b>	-1.17	1.95	
<b>RNBRQR</b>	<b>4.95</b>	1.12	2.23	<b>6.79</b>	0.21	1.58	<b>4.34</b>	0.12	0.90	<b>4.61</b>	-0.34	1.40	<b>5.44</b>	0.39	1.34	
<b>TDQXWA</b>	<b>4.95</b>	0.99	0.64	<b>6.81</b>	0.58	0.29	<b>4.33</b>	-0.12	2.15	<b>4.68</b>	0.96	0.53	<b>5.47</b>	1.17	0.77	
<b>VEQX2Y</b>	<b>4.86</b>	-0.78	0.55	<b>6.79</b>	0.21	0.17	<b>4.27</b>	-1.16	0.43	<b>4.63</b>	0.03	0.53	<b>5.42</b>	-0.22	0.26	
<b>XMJPMY</b>	<b>4.84</b>	-1.19	0.55	<b>6.70</b>	-1.10	0.33	<b>4.27</b>	-1.11	0.25	<b>4.61</b>	-0.46	0.40	<b>5.43</b>	0.13	0.77	

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	4.90			6.77			4.34			4.63			5.43			
<b>Median Abs Dev</b>	0.03			0.03			0.04			0.03			0.02			
<b>Avg Within Lab SD</b>	0.02			0.03			0.02			0.03			0.02			
<b>Labs Included</b>	12			12			12			12			12			
<b>Labs Reporting</b>	12			12			12			12			12			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>4.84</b>	-0.64	0.82	<b>6.79</b>	0.56	0.58	<b>4.32</b>	0.46	0.57	<b>4.66</b>	0.68	1.56	<b>5.40</b>	0.00	1.14	
<b>6D9TKE</b>	<b>4.87</b>	-0.07	0.44	<b>6.82</b>	0.68	0.21	<b>4.22</b>	-0.60	0.59	<b>4.60</b>	-0.02	0.34	<b>5.37</b>	-0.35	0.38	
<b>9WTU7R</b>	<b>4.87</b>	-0.17	1.64	<b>6.33</b>	-1.71	2.92	<b>4.30</b>	0.26	0.00	<b>4.60</b>	-0.02	0.00	<b>5.40</b>	0.00	0.00	
<b>AYB9AR</b>	<b>4.88</b>	0.00	0.67	<b>6.70</b>	0.11	0.59	<b>4.31</b>	0.34	0.23	<b>4.62</b>	0.22	0.38	<b>5.47</b>	0.81	0.56	
<b>B78PYN</b>	<b>5.21</b>	5.17X	0.85	<b>6.59</b>	-0.43	1.04	<b>4.26</b>	-0.15	1.30	<b>4.60</b>	0.02	1.71	<b>5.43</b>	0.38	1.80	
<b>CJMCHK</b>	<b>4.88</b>	0.09	0.33	<b>6.83</b>	0.74	0.28	<b>4.33</b>	0.56	0.28	<b>4.64</b>	0.41	0.20	<b>5.45</b>	0.61	0.44	
<b>D9M2L2</b>	<b>4.94</b>	0.97	0.85	<b>6.61</b>	-0.33	0.43	<b>4.12</b>	-1.63	2.44	<b>4.39</b>	-2.52	1.71	<b>5.17</b>	-2.68	2.09	
<b>D9M2LH</b>	<b>4.82</b>	-0.85	0.16	<b>6.48</b>	-1.00	0.29	<b>4.16</b>	-1.15	0.43	<b>4.56</b>	-0.49	0.00	<b>5.39</b>	-0.12	0.38	
<b>JETLFG</b>	<b>4.91</b>	0.50	0.99	<b>6.87</b>	0.94	0.49	<b>4.28</b>	0.09	0.33	<b>4.63</b>	0.29	0.39	<b>5.43</b>	0.35	0.66	
<b>RNBRQR</b>	<b>5.04</b>	2.53	1.14	<b>6.81</b>	0.66	0.91	<b>4.34</b>	0.67	1.50	<b>4.64</b>	0.49	1.61	<b>5.44</b>	0.42	0.58	
<b>UYL3D9</b>	<b>4.91</b>	0.56	0.92	<b>6.66</b>	-0.11	0.45	<b>4.27</b>	-0.09	0.87	<b>4.57</b>	-0.41	0.71	<b>5.36</b>	-0.50	1.22	
<b>ZYHN82</b>	<b>4.81</b>	-1.05	1.73	<b>6.52</b>	-0.81	0.16	<b>4.07</b>	-2.10	0.49	<b>4.39</b>	-2.52	0.39	<b>5.24</b>	-1.88	0.22	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	4.88			6.68			4.28			4.60			5.40			
<b>Median Abs Dev</b>	0.04			0.14			0.05			0.04			0.03			
<b>Avg Within Lab SD</b>	0.04			0.07			0.04			0.03			0.03			
<b>Labs Included</b>	11			12			12			12			12			
<b>Labs Reporting</b>	12			12			12			12			12			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>4.80</b>			<b>6.17</b>			<b>4.12</b>			<b>4.52</b>			<b>5.53</b>					
<b>3AVAPZ</b>	<b>4.48</b>		0.32	<b>6.49</b>		0.43	<b>3.81</b>		0.82	<b>4.12</b>		0.78	<b>5.07</b>					0.27
<b>9Z8RBT</b>	<b>4.51</b>		1.38	<b>6.40</b>		1.35	<b>3.85</b>		1.15	<b>4.17</b>		1.18	<b>5.16</b>					1.39
<b>CWD2GQ</b>	<b>4.57</b>			<b>6.65</b>			<b>4.05</b>			<b>4.25</b>			<b>5.21</b>					
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	4.54			6.44			3.95			4.21			5.19					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.02			0.07			0.04			0.02			0.02					
<b>Labs Included</b>	4			4			4			4			4					
<b>Labs Reporting</b>	4			4			4			4			4					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>JETLFG</b>	<b>0.09</b>	-0.22	0.14	<b>0.42</b>	-1.32	0.48	<b>0.07</b>	-0.68	0.46	<b>0.07</b>	-1.03	0.97	<b>0.18</b>	-0.82	0.10	
<b>TQE348</b>	<b>0.09</b>	0.75	1.82	<b>0.44</b>	0.00	0.20	<b>0.08</b>	0.27	0.12	<b>0.08</b>	0.11	1.66	<b>0.20</b>	0.92	2.03	
<b>VYCRPZ</b>	<b>0.09</b>	0.00	1.29	<b>0.48</b>	1.60	2.13	<b>0.10</b>	2.03	2.13	<b>0.10</b>	2.06	1.06	<b>0.21</b>	1.47	0.82	
<b>XMWJ3Y</b>	<b>0.07</b>	-2.23	0.05	<b>0.45</b>	0.22	0.43	<b>0.08</b>	-0.39	0.47	<b>0.08</b>	-0.17	0.41	<b>0.19</b>	-0.17	0.45	
<b>Y3BZT2</b>	<b>0.09</b>	0.18	0.00	<b>0.44</b>	-0.23	0.00	<b>0.08</b>	0.00	0.00	<b>0.08</b>	0.00	0.00	<b>0.19</b>	0.00	0.00	

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m	
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	<b>Grand Median</b>	0.089			0.44			0.080			0.080			0.19		
<b>Median Abs Dev</b>	0.002			0.00			0.004			0.002			0.01			
<b>Avg Within Lab SD</b>	0.004			0.00			0.002			0.001			0.00			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9DDK6Q</b>	<b>5.87</b>	-1.23	1.00	<b>7.07</b>	-1.24	1.49	<b>5.52</b>	-2.03	0.43	<b>5.69</b>	-1.36	0.80	<b>6.51</b>	-1.94	0.18	
<b>9WTU7R</b>	<b>6.53</b>	1.30	1.53	<b>7.30</b>	0.98	0.00	<b>6.60</b>	1.83	0.00	<b>6.53</b>	2.24	1.43	<b>7.03</b>	1.28	1.78	
<b>CJMCHK</b>	<b>6.14</b>	-0.19	1.16	<b>7.28</b>	0.75	0.82	<b>6.09</b>	0.00	0.21	<b>6.00</b>	-0.01	0.52	<b>6.86</b>	0.23	0.36	
<b>DTBJYP</b>	<b>6.20</b>	0.05	0.81	<b>7.13</b>	-0.69	1.36	<b>5.99</b>	-0.36	0.41	<b>6.08</b>	0.30	2.02	<b>6.80</b>	-0.17	1.85	
<b>FGQQMK</b>	<b>6.40</b>	0.80		<b>7.20</b>	0.00		<b>6.30</b>	0.75		<b>6.10</b>	0.40		<b>7.00</b>	1.07		
<b>GDKPVL</b>	<b>5.95</b>	-0.91	1.16	<b>7.10</b>	-1.01	1.38	<b>5.84</b>	-0.90	2.71	<b>5.88</b>	-0.54	0.99	<b>6.69</b>	-0.83	1.25	
<b>VEQX2Y</b>	<b>6.41</b>	0.82	0.55	<b>7.22</b>	0.23	0.23	<b>6.14</b>	0.18	0.75	<b>6.22</b>	0.89	0.38	<b>6.88</b>	0.33	0.31	
<b>VX8VP7</b>	<b>6.18</b>	-0.05	0.85	<b>7.19</b>	-0.07	0.60	<b>6.12</b>	0.12	0.63	<b>6.01</b>	0.00	0.76	<b>6.83</b>	0.00	0.47	
<b>WHNRH2</b>				<b>7.18</b>	-0.16	1.38	<b>5.94</b>	-0.55	0.52	<b>5.85</b>	-0.67	0.43	<b>6.83</b>	0.00	0.47	
<b>XU2BF3</b>	<b>6.40</b>	0.80		<b>7.43</b>	2.26		<b>6.18</b>	0.32		<b>6.20</b>	0.82		<b>7.06</b>	1.45		
<b>ZYHN82</b>	<b>6.03</b>	-0.61	0.53	<b>7.20</b>	0.03	0.23	<b>5.98</b>	-0.38	0.12	<b>5.96</b>	-0.18	0.29	<b>6.81</b>	-0.12	0.36	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	6.19			7.20			6.09			6.01			6.83			
<b>Median Abs Dev</b>	0.21			0.07			0.11			0.13			0.05			
<b>Avg Within Lab SD</b>	0.04			0.03			0.05			0.04			0.03			
<b>Labs Included</b>	10			11			11			11			11			
<b>Labs Reporting</b>	10			11			11			11			11			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>6.35</b>	0.02	0.00	<b>7.28</b>	0.39	0.28	<b>5.94</b>	-0.16	0.00	<b>6.15</b>	0.00	0.00	<b>6.96</b>	0.25	0.14	
<b>362FMT</b>	<b>6.29</b>	-0.33	0.69	<b>7.20</b>	-0.75	0.61	<b>5.80</b>	-1.12	0.49	<b>6.02</b>	-0.87	2.38	<b>6.75</b>	-1.48	0.22	
<b>3AVAPZ</b>	<b>6.18</b>	-0.99	0.60	<b>7.17</b>	-1.08	0.49	<b>6.03</b>	0.47	0.86	<b>5.91</b>	-1.59	1.44	<b>6.79</b>	-1.18	0.63	
<b>9Z8RBT</b>	<b>6.18</b>	-0.97	1.55				<b>5.97</b>	0.07	0.40	<b>6.06</b>	-0.57	1.10	<b>6.88</b>	-0.42	1.12	
<b>AWMXET</b>	<b>6.42</b>	0.44	0.34	<b>7.28</b>	0.39	0.28	<b>6.03</b>	0.45	0.38	<b>6.16</b>	0.09	0.75	<b>6.94</b>	0.14	0.38	
<b>EAXY2L</b>	<b>8.00</b>	9.86X	0.91	<b>8.74</b>	19.27X	18.60	<b>22.36</b>	111.03X	1.06	<b>20.65</b>	96.21X	2.35	<b>4.21</b>	-22.86X	0.43	
<b>FFE2DF</b>	<b>6.32</b>	-0.14	0.20	<b>7.20</b>	-0.65	0.57	<b>5.93</b>	-0.20	0.58	<b>6.18</b>	0.22	0.21	<b>6.91</b>	-0.11	0.52	
<b>GN9GMK</b>	<b>6.23</b>	-0.68	0.72	<b>7.23</b>	-0.26	0.28	<b>5.95</b>	-0.09	0.19	<b>6.06</b>	-0.60	0.36	<b>6.92</b>	-0.08	0.38	
<b>H9AUVJ</b>	<b>6.12</b>	-1.35	0.00	<b>7.21</b>	-0.56	0.00	<b>5.90</b>	-0.43	0.00	<b>5.89</b>	-1.72	0.00	<b>6.80</b>	-1.07	0.00	
<b>HBAAXE</b>	<b>6.37</b>	0.12	1.99	<b>7.30</b>	0.61	0.00	<b>6.00</b>	0.25		<b>6.20</b>	0.33	0.00	<b>7.00</b>	0.62		
<b>HG44YM</b>	<b>6.43</b>	0.52	1.99	<b>7.30</b>	0.61	0.00	<b>6.07</b>	0.70	1.10	<b>6.33</b>	1.22	2.08	<b>7.03</b>	0.90	1.44	
<b>HRP4WJ</b>	<b>6.67</b>	1.91	1.99	<b>7.77</b>	6.67X	2.84	<b>6.23</b>	1.83	1.10	<b>6.30</b>	1.00	0.00	<b>7.40</b>	3.98X	0.00	
<b>HXDN3K</b>	<b>6.16</b>	-1.12	0.88	<b>7.19</b>	-0.83	0.91	<b>5.75</b>	-1.42	4.24	<b>6.03</b>	-0.79	1.55	<b>6.84</b>	-0.76	4.18	
<b>JLUVQF</b>	<b>6.48</b>	0.80	0.91	<b>7.26</b>	0.13	0.28	<b>6.11</b>	1.02	0.77	<b>6.18</b>	0.22	0.21	<b>6.95</b>	0.17	0.76	
<b>L3Q84A</b>	<b>6.45</b>	0.64	0.20	<b>7.27</b>	0.22	0.00	<b>6.02</b>	0.38	0.50	<b>6.22</b>	0.46	0.62	<b>6.93</b>	0.03	0.25	
<b>MG7FPD</b>	<b>6.67</b>	1.91	1.99	<b>7.37</b>	1.47	2.84	<b>6.67</b>	4.76X	1.10	<b>6.60</b>	2.99X	0.00	<b>7.30</b>	3.14	0.00	
<b>MLHBPG</b>	<b>6.32</b>	-0.14	0.62	<b>7.29</b>	0.45	0.74	<b>6.13</b>	1.15	0.60	<b>6.12</b>	-0.23	1.03	<b>6.94</b>	0.11	0.15	
<b>NQ6HHA</b>	<b>6.38</b>	0.20	0.91	<b>7.25</b>	-0.09	1.14	<b>5.95</b>	-0.09	0.38	<b>6.19</b>	0.29	0.83	<b>6.93</b>	0.03	0.50	
<b>NVJBHE</b>	<b>6.10</b>	-1.47	0.00	<b>7.20</b>	-0.69	0.00	<b>5.80</b>	-1.11	0.00	<b>5.90</b>	-1.66	0.00	<b>6.80</b>	-1.07	0.00	
<b>PF4EXC</b>	<b>6.34</b>	-0.02	0.53	<b>7.24</b>	-0.17	0.49	<b>5.82</b>	-0.95	0.22	<b>6.19</b>	0.29	0.42	<b>6.93</b>	-0.01	0.23	
<b>QJZMD7</b>	<b>6.26</b>	-0.54	1.73	<b>7.25</b>	0.00	0.75	<b>5.96</b>	0.00	0.48	<b>5.97</b>	-1.19	0.36	<b>6.84</b>	-0.73	0.43	
<b>TARMZA</b>	<b>6.32</b>	-0.16	0.60	<b>7.18</b>	-0.91	0.57	<b>5.91</b>	-0.34	0.55	<b>6.12</b>	-0.22	1.04	<b>6.93</b>	0.00	0.63	
<b>U3HQP9</b>	<b>6.13</b>	-1.29	0.34	<b>7.00</b>	-3.29		<b>5.88</b>	-0.56	0.19	<b>5.97</b>	-1.22	0.55	<b>6.81</b>	-0.98	0.25	
<b>UTCQC2</b>	<b>6.44</b>	0.56	0.60	<b>7.29</b>	0.52	0.28	<b>6.02</b>	0.36	0.29	<b>6.17</b>	0.11	0.55	<b>7.02</b>	0.81	0.38	
<b>VEQX2Y</b>	<b>6.47</b>	0.74	0.34	<b>7.29</b>	0.48	0.49	<b>6.02</b>	0.38	0.68	<b>6.20</b>	0.33	0.36	<b>7.02</b>	0.76	0.38	
<b>WV9DJL</b>	<b>6.13</b>	-1.30	0.17	<b>7.15</b>	-1.31	0.16	<b>5.89</b>	-0.49	0.28	<b>5.89</b>	-1.73	0.08	<b>6.73</b>	-1.62	0.09	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>X6FA2X</b>	<b>6.36</b>	0.08	0.34	<b>7.27</b>	0.22	1.48	<b>5.81</b>	-1.02	0.22	<b>6.15</b>	0.02	0.55	<b>6.86</b>	-0.56	0.25	
<b>Z33H42</b>	<b>6.37</b>	0.14	1.03	<b>7.25</b>	0.00	1.14	<b>6.23</b>	1.81	0.33	<b>6.15</b>	-0.02	1.27	<b>6.93</b>	0.00	0.38	
<b>Z4DH63</b>	<b>6.40</b>	0.32	0.00	<b>7.37</b>	1.47	2.84	<b>6.17</b>	1.38	1.10	<b>6.33</b>	1.22	2.08	<b>7.07</b>	1.18	1.44	

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	6.35			7.25			5.96			6.15			6.93			
<b>Median Abs Dev</b>	0.09			0.04			0.07			0.07			0.07			
<b>Avg Within Lab SD</b>	0.03			0.02			0.05			0.03			0.04			
<b>Labs Included</b>	28			26			27			27			27			
<b>Labs Reporting</b>	29			28			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
														SRS2415		
SRS2411				SRS2412			SRS2413			SRS2414						
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3AVAPZ</b>	<b>6.18</b>		0.39	<b>7.17</b>		1.00	<b>6.03</b>		0.90	<b>5.91</b>		1.36	<b>6.79</b>		1.00	
<b>9Z8RBT</b>	<b>6.27</b>		1.36				<b>6.13</b>		1.09	<b>6.20</b>		0.39	<b>6.97</b>		1.00	
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
														SRS2415		
SRS2411				SRS2412			SRS2413			SRS2414						
<b>Grand Median</b>	6.23			7.17			6.08			6.06			6.88			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.04			0.01			0.05			0.03			0.03			
<b>Labs Included</b>	2			1			2			2			2			
<b>Labs Reporting</b>	2			1			2			2			2			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>DTBJYP</b>	<b>7.20</b>	0.36	1.01	<b>7.65</b>	-0.53	1.19	<b>7.20</b>	-0.28	1.70	<b>7.08</b>	0.00	1.37	<b>7.59</b>	0.67	1.88
<b>H9AUVJ</b>	<b>7.07</b>	-1.44	0.15	<b>7.67</b>	0.00	0.00	<b>7.22</b>	0.00	0.65	<b>7.04</b>	-0.49	0.16	<b>7.53</b>	-0.75	0.00
<b>TARMZA</b>	<b>7.17</b>	0.00	1.77	<b>7.63</b>	-1.15	1.40	<b>7.07</b>	-1.85	0.95	<b>7.13</b>	0.49	1.44	<b>7.52</b>	-0.97	1.02
<b>TRQM64</b>	<b>7.21</b>	0.45	0.88	<b>7.69</b>	0.62	1.21	<b>7.26</b>	0.52	0.58	<b>7.27</b>	1.93	0.97	<b>7.61</b>	0.97	0.52
<b>WBBHB9</b>	<b>7.09</b>	-1.12	0.25	<b>7.71</b>	1.06	0.40	<b>7.28</b>	0.72	0.65	<b>7.04</b>	-0.46	0.28	<b>7.56</b>	0.00	0.39

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	7.17			7.67			7.22			7.08			7.56		
<b>Median Abs Dev</b>	0.03			0.02			0.04			0.05			0.03		
<b>Avg Within Lab SD</b>	0.04			0.03			0.03			0.04			0.03		
<b>Labs Included</b>	5			5			5			5			5		
<b>Labs Reporting</b>	5			5			5			5			5		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>AXHFFU</b>	<b>6.13</b>		0.34	<b>7.01</b>		0.87	<b>5.86</b>		0.00	<b>6.15</b>		0.25	<b>6.64</b>		1.00
<b>DTBJYP</b>	<b>6.28</b>		1.56	<b>7.00</b>		1.50	<b>6.02</b>		1.15	<b>6.14</b>		0.67	<b>6.58</b>		1.00
<b>GN9GMK</b>	<b>6.19</b>		0.68	<b>6.97</b>		0.00	<b>5.96</b>		1.30	<b>5.94</b>		1.58	<b>6.68</b>		1.00
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	6.19			7.00			5.96			6.14			6.64		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.02			0.01			0.01			0.02			0.01		
<b>Labs Included</b>	3			3			3			3			3		
<b>Labs Reporting</b>	3			3			3			3			3		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4VT6VT</b>	<b>6.03</b>	1.11	1.10	<b>6.60</b>	0.62	0.00	<b>5.77</b>	0.94	0.76	<b>5.83</b>	1.50	0.80	<b>6.40</b>	1.73	0.00	
<b>9TTHAR</b>	<b>5.82</b>	-0.50	1.06	<b>6.50</b>	-0.85	1.37	<b>5.67</b>	0.00	1.47	<b>5.63</b>	0.00	1.62	<b>6.28</b>	0.00	1.22	
<b>H9AUVJ</b>	<b>5.73</b>	-1.21	0.11	<b>6.56</b>	0.00	0.14	<b>5.62</b>	-0.44	0.00	<b>5.53</b>	-0.75	0.08	<b>6.20</b>	-1.16	0.00	
<b>JLUVQF</b>	<b>5.89</b>	0.00	1.40	<b>6.67</b>	1.66	1.61	<b>5.58</b>	-0.81	1.40	<b>5.60</b>	-0.27	1.24	<b>6.26</b>	-0.29	1.80	
<b>QWMRPA</b>	<b>5.96</b>	0.55	0.83	<b>6.54</b>	-0.24	0.71	<b>5.79</b>	1.19	0.55	<b>5.75</b>	0.85	0.44	<b>6.29</b>	0.19	0.52	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	5.89			6.56			5.67			5.63			6.28			
<b>Median Abs Dev</b>	0.07			0.04			0.09			0.10			0.02			
<b>Avg Within Lab SD</b>	0.05			0.04			0.08			0.07			0.03			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

H+ cmol/kg (SubTestCode 1261) in the Buffer pH, Lime Requirement Property Groups														Data units: cmol/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score				

**2QMUQU**

**0.39**

H+ cmol/kg (SubTestCode 1261) in the Buffer pH, Lime Requirement Property Groups														Data units: cmol/kg						
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415				
<b>Grand Median</b>							0.39													
<b>Median Abs Dev</b>																				
<b>Avg Within Lab SD</b>		0.00		0.00		0.00		0.00		0.00		0.00		0.00						
<b>Labs Included</b>		0		0		1		0		0		0		0						
<b>Labs Reporting</b>		0		0		1		0		0		0		0						





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>26.8</b>	-0.08	2.36	<b>210.7</b>	0.32	0.41				<b>21.4</b>	0.37	0.54	<b>95.0</b>	0.21	1.65
<b>2QMUQU</b>	<b>23.2</b>	-0.77	0.75	<b>212.3</b>	0.39	0.74	<b>1.3</b>	0.00	0.12	<b>18.8</b>	-0.44	0.75	<b>96.2</b>	0.32	0.80
<b>362FMT</b>	<b>29.1</b>	0.36	0.29	<b>199.3</b>	-0.14	0.34	<b>0.8</b>	-0.53	0.04	<b>20.6</b>	0.14	0.11	<b>94.6</b>	0.18	0.61
<b>38BFRZ</b>	<b>44.7</b>	3.32X	2.74	<b>186.6</b>	-0.65	0.32	<b>1.5</b>	0.18	0.10	<b>20.5</b>	0.08	0.12	<b>89.3</b>	-0.29	0.92
<b>4VT6VT</b>	<b>37.5</b>	1.96	2.06	<b>221.4</b>	0.75	1.24	<b>2.2</b>	0.86	0.58	<b>21.9</b>	0.52	0.72	<b>93.4</b>	0.07	1.03
<b>8HCJZP</b>	<b>33.5</b>	1.18	0.10	<b>222.3</b>	0.79	0.72	<b>1.3</b>	-0.06	0.07	<b>22.4</b>	0.67	0.21	<b>100.0</b>	0.65	0.30
<b>99HTTN</b>	<b>22.8</b>	-0.84	0.17	<b>201.4</b>	-0.05	0.22	<b>1.8</b>	0.48	0.00	<b>14.4</b>	-1.78	0.20	<b>93.9</b>	0.12	0.16
<b>9TTHAR</b>	<b>31.0</b>	0.71	2.31	<b>219.9</b>	0.70	0.16	<b>0.9</b>	-0.49	0.34	<b>21.9</b>	0.52	0.53	<b>97.4</b>	0.42	1.48
<b>9WTU7R</b>	<b>28.6</b>	0.25	0.14	<b>220.4</b>	0.71	0.76	<b>1.0</b>	-0.30	0.35	<b>21.5</b>	0.41	0.10	<b>100.9</b>	0.73	0.21
<b>9YYC9U</b>	<b>26.7</b>	-0.10	0.17	<b>188.7</b>	-0.57	0.27	<b>1.4</b>	0.07	0.24	<b>19.2</b>	-0.32	0.28	<b>89.9</b>	-0.23	0.17
<b>9Z8RBT</b>	<b>29.0</b>	0.33	1.12	<b>238.7</b>	1.45	1.05	<b>0.6</b>	-0.78	0.46	<b>19.8</b>	-0.13	1.13	<b>101.1</b>	0.75	1.56
<b>AMEKXP</b>	<b>20.5</b>	-1.29	0.06	<b>169.1</b>	-1.36	1.72	<b>3.5</b>	2.18	5.82	<b>14.8</b>	-1.68	0.32	<b>71.4</b>	-1.85	1.39
<b>AWMXET</b>	<b>22.8</b>	-0.84	1.14	<b>153.9</b>	-1.98	0.17	<b>1.7</b>	0.38	0.32	<b>15.3</b>	-1.51	0.54	<b>69.1</b>	-2.06	0.36
<b>AXHFFU</b>	<b>29.0</b>	0.33	0.37	<b>188.3</b>	-0.59	0.56	<b>2.1</b>	0.79	0.12	<b>20.3</b>	0.04	0.33	<b>86.6</b>	-0.52	1.05
<b>B78PY2</b>	<b>24.5</b>	-0.51	1.30	<b>190.7</b>	-0.49	2.54	<b>4.3</b>	3.02X	1.73	<b>19.1</b>	-0.34	1.34	<b>90.5</b>	-0.18	1.49
<b>B78PYN</b>	<b>27.0</b>	-0.04	0.57	<b>207.7</b>	0.20	0.55	<b>2.3</b>	0.94	0.09	<b>21.4</b>	0.36	0.08	<b>93.8</b>	0.11	1.82
<b>BCTKWL</b>	<b>31.5</b>	0.80	0.17	<b>217.6</b>	0.60	1.05	<b>0.3</b>	-1.10	0.34	<b>21.8</b>	0.48	0.06	<b>101.7</b>	0.80	0.52
<b>CJMCHK</b>	<b>26.7</b>	-0.11	0.23	<b>200.9</b>	-0.07	0.10	<b>0.6</b>	-0.77	0.19	<b>19.8</b>	-0.11	0.11	<b>92.6</b>	0.00	0.16
<b>CV3VKP</b>	<b>28.5</b>	0.24	0.42	<b>199.6</b>	-0.13	0.24	<b>2.2</b>	0.89	0.12	<b>19.5</b>	-0.21	0.34	<b>85.7</b>	-0.60	0.23
<b>CWD2GQ</b>	<b>27.2</b>	0.00		<b>209.0</b>	0.25		<b>2.4</b>	1.05		<b>16.3</b>	-1.20		<b>101.1</b>	0.74	
<b>DTBJYP</b>	<b>28.6</b>	0.25	0.00	<b>194.0</b>	-0.35	0.00	<b>1.2</b>	-0.13	0.00	<b>19.0</b>	-0.38	0.05	<b>84.3</b>	-0.72	0.00
<b>EAXY2L</b>	<b>38.8</b>	2.20	0.14	<b>205.4</b>	0.11	0.39	<b>3.6</b>	2.30	0.13	<b>22.5</b>	0.72	0.35	<b>95.7</b>	0.28	0.15
<b>FFE2DF</b>	<b>23.2</b>	-0.76	0.68	<b>196.9</b>	-0.24	0.29	<b>2.3</b>	1.02	0.02	<b>19.0</b>	-0.36	0.02	<b>82.5</b>	-0.88	0.15
<b>GDKPVL</b>	<b>32.0</b>	0.91	0.34	<b>235.7</b>	1.33	3.22	<b>1.2</b>	-0.17	0.29	<b>21.5</b>	0.41	0.67	<b>100.6</b>	0.71	1.71
<b>GN9GMK</b>	<b>25.3</b>	-0.37	1.13	<b>182.1</b>	-0.84	0.60	<b>1.4</b>	0.03	0.12	<b>21.5</b>	0.39	0.39	<b>87.3</b>	-0.47	0.62
<b>H9AUVJ</b>	<b>30.4</b>	0.60	0.27	<b>206.0</b>	0.13	0.14	<b>0.7</b>	-0.64	0.00	<b>20.0</b>	-0.07	0.04	<b>93.2</b>	0.06	0.21



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HG44YM	20.9	-1.21	0.42	163.0	-1.61	0.95	1.0	-0.33		16.8	-1.06	0.56	76.6	-1.40	1.25	
HRP4WJ	33.4	1.17	0.34	217.3	0.59	0.88	1.5	0.17	0.32	22.5	0.71	0.50	97.8	0.46	1.00	
HXDN3K	22.9	-0.83	0.90	178.8	-0.97	1.21	2.3	0.95	0.73	17.3	-0.91	1.25	66.7	-2.27	1.06	
HY8GVH	33.7	1.22	0.06	228.0	1.02	0.12	1.5	0.19	0.03	21.7	0.47	0.02	99.9	0.64	0.06	
KHNPPF	31.4	0.79	0.27	225.5	0.92	0.20	2.2	0.93	0.10	21.5	0.39	0.06	98.1	0.48	0.07	
MG7FPD	26.7	-0.11	0.39	187.3	-0.63	0.14	0.8	-0.50	0.35	16.5	-1.15	0.33	72.3	-1.77	0.10	
NQ6HHA	32.0	0.90	0.94	222.2	0.79	1.12	1.0	-0.32	0.05	23.0	0.87	0.89	90.3	-0.20	0.69	
NVJBHE	28.0	0.15	0.50	188.9	-0.56	0.65	1.0	-0.33		17.5	-0.85	0.73	85.1	-0.66	0.22	
QJZMD7	19.2	-1.52	0.85	204.1	0.05	2.11	2.6	1.33	0.35	16.0	-1.31	0.20	79.0	-1.19	0.75	
TARMZA	22.9	-0.82	0.22	173.5	-1.18	0.27	1.4	0.07	0.16	15.1	-1.57	0.06	70.4	-1.94	0.73	
THG979	23.5	-0.71	0.12	168.2	-1.40	0.14	1.9	0.54	0.30	16.2	-1.23	0.05	80.4	-1.07	0.16	
TL2339	31.4	0.79	0.38	233.7	1.25	0.49	0.4	-1.00	0.00	23.6	1.06	0.29	99.9	0.64	0.91	
TRQM64	33.1	1.12	1.06	198.9	-0.16	1.03	0.6	-0.77	0.97	25.6	1.67	3.58	105.3	1.12	2.54	
TUBPVA	26.1	-0.22	0.67	192.0	-0.44	1.12	4.3	3.00X	1.75	18.4	-0.56	0.51	86.7	-0.52	3.29	
VEQX2Y	32.2	0.94	0.13	211.8	0.37	0.27	1.2	-0.16	0.19	21.3	0.35	0.17	91.7	-0.08	0.07	
VX8VP7	33.8	1.24	3.39	216.3	0.55	1.07	2.9	1.63	1.30	21.6	0.44	1.16	99.0	0.57	0.39	
VYCRPZ	29.0	0.33	1.46	219.6	0.68	2.04	2.6	1.28	1.73	26.3	1.89	4.50	87.0	-0.49	0.18	
WBBHB9	32.5	1.00	0.50	204.9	0.09	0.70	1.0	-0.34	0.02	20.2	0.00	0.26	95.5	0.26	0.28	
WHNRH2	22.9	-0.83	1.97	151.9	-2.06	0.64	0.6	-0.69	0.08	7.4	-3.97X	0.46	40.4	-4.57X	0.14	
WM6UP7	25.7	-0.29	0.76	244.2	1.68	0.47	0.6	-0.76	0.03	22.7	0.76	1.24	101.7	0.80	0.32	
X6FA2X	24.2	-0.57	0.83	199.7	-0.13	0.74	0.9	-0.40	0.49	19.0	-0.38	0.30	90.1	-0.21	0.12	
XUWYPL	26.5	-0.14		201.4	-0.06		0.2	-1.15		19.6	-0.19		98.6	0.53		
Z33H42	26.2	-0.20	0.25	109.6	-3.77X	0.13	1.0	-0.35	0.14	21.9	0.53	0.57	84.1	-0.75	0.41	
Z4DH63	26.7	-0.11	0.39	132.7	-2.84X	1.22	2.7	1.36	0.93	16.8	-1.04	0.51	80.0	-1.10	0.35	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	27.2	202.8	1.33	20.2	92.6	
<b>Median Abs Dev</b>	3.8	14.5	0.53	1.6	6.5	
<b>Avg Within Lab SD</b>	1.5	5.6	0.82	1.5	2.8	
<b>Labs Included</b>	49	48	47	49	49	
<b>Labs Reporting</b>	50	50	49	50	50	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>CDKWFR</b>	<b>34.3</b>	0.62	2.05	<b>195.7</b>	0.00	2.12	<b>13.3</b>	2.27	1.73	<b>21.7</b>	0.63	0.23	<b>95.0</b>	0.00	1.54	
<b>FZ4BJN</b>	<b>31.1</b>	0.00	0.64	<b>160.3</b>	-0.82	0.37	<b>4.8</b>	0.40	0.09	<b>24.7</b>	1.56	2.16	<b>78.0</b>	-0.93	1.19	
<b>HBAAXE</b>	<b>34.0</b>	0.55	0.40	<b>244.0</b>	1.12	0.41	<b>3.0</b>	0.00		<b>17.3</b>	-0.73	0.23	<b>106.0</b>	0.60		
<b>UTCQC2</b>	<b>22.9</b>	-1.55	0.08	<b>168.7</b>	-0.63	0.11	<b>1.8</b>	-0.26	0.02	<b>18.2</b>	-0.45	0.10	<b>64.0</b>	-1.69	0.11	
<b>Z72TY2</b>	<b>27.7</b>	-0.65	0.46	<b>230.0</b>	0.80	0.41	<b>1.0</b>	-0.44		<b>19.7</b>	0.00	0.45	<b>97.7</b>	0.15	0.44	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	31.1			195.7			3.00			19.7			95.0			
<b>Median Abs Dev</b>	3.3			34.3			1.83			2.0			11.0			
<b>Avg Within Lab SD</b>	2.5			2.4			4.06			2.5			6.5			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>Q6443A</b>	<b>28.5</b>		1.27	<b>229.2</b>		0.88	<b>3.1</b>		1.39	<b>20.6</b>		1.32	<b>102.1</b>		1.20			
<b>WV9DJL</b>	<b>27.1</b>		0.62	<b>197.2</b>		1.11	<b>1.4</b>		0.27	<b>20.4</b>		0.49	<b>92.1</b>		0.75			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	27.8			213.2			2.21			20.5			97.1					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.6			2.8			0.37			0.5			2.0					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>3.80</b>	0.50	0.66	<b>7.48</b>	-0.10	1.17	<b>21.57</b>	-0.13	1.62	<b>22.93</b>	0.10	1.82	<b>3.25</b>	0.72	1.84	
<b>362FMT</b>	<b>2.55</b>	-0.06	0.15	<b>11.30</b>	1.15	0.89	<b>21.22</b>	-0.22	0.03	<b>22.78</b>	0.07	0.03	<b>2.58</b>	0.14	0.04	
<b>99HTTN</b>	<b>2.17</b>	-0.23	0.26	<b>7.20</b>	-0.20	0.26	<b>24.27</b>	0.54	0.35	<b>19.87</b>	-0.60	0.44	<b>2.30</b>	-0.11	0.27	
<b>9TTHAR</b>	<b>4.08</b>	0.63	1.27	<b>8.53</b>	0.24	0.86	<b>22.68</b>	0.14	0.08	<b>24.83</b>	0.54	0.53	<b>3.05</b>	0.54	1.09	
<b>9WTU7R</b>	<b>4.37</b>	0.76	0.34	<b>9.83</b>	0.67	0.15	<b>20.90</b>	-0.30	1.79	<b>27.80</b>	1.21	0.38	<b>3.97</b>	1.35	0.32	
<b>9YYC9U</b>	<b>4.83</b>	0.97	0.46	<b>7.80</b>	0.00	0.68	<b>21.00</b>	-0.28	0.20	<b>22.83</b>	0.08	0.32	<b>4.53</b>	1.84	0.88	
<b>9Z8RBT</b>	<b>1.27</b>	-0.64	0.46	<b>6.63</b>	-0.38	1.47	<b>23.10</b>	0.25	0.10	<b>18.70</b>	-0.87	0.42	<b>1.83</b>	-0.52	0.88	
<b>AMEKXP</b>	<b>1.70</b>	-0.45	0.45	<b>5.56</b>	-0.73	0.64	<b>18.34</b>	-0.94	0.86	<b>18.50</b>	-0.91	0.23	<b>1.17</b>	-1.11	0.18	
<b>AWMXET</b>	<b>1.44</b>	-0.56	0.47	<b>5.31</b>	-0.81	3.09	<b>18.89</b>	-0.80	0.38	<b>17.28</b>	-1.19	0.20	<b>0.92</b>	-1.33	0.20	
<b>AXHFFU</b>	<b>2.53</b>	-0.07	0.13	<b>6.07</b>	-0.57	0.30	<b>21.87</b>	-0.06	0.38	<b>17.30</b>	-1.19	0.56	<b>1.77</b>	-0.58	0.57	
<b>BCTKWL</b>	<b>3.21</b>	0.23	0.26	<b>8.55</b>	0.25	0.28	<b>24.37</b>	0.56	0.03	<b>26.06</b>	0.82	0.08	<b>2.45</b>	0.02	0.14	
<b>CJMCHK</b>	<b>2.77</b>	0.04	0.06	<b>7.80</b>	0.00	0.04	<b>20.87</b>	-0.31	0.19	<b>21.85</b>	-0.14	0.07	<b>2.39</b>	-0.04	0.07	
<b>CWD2GQ</b>	<b>10.24</b>	3.41		<b>9.70</b>	0.62		<b>25.12</b>	0.75		<b>25.20</b>	0.62		<b>3.88</b>	1.27		
<b>DTBJYP</b>	<b>1.60</b>	-0.49	0.04	<b>10.89</b>	1.01	0.25	<b>20.17</b>	-0.48	0.02	<b>20.45</b>	-0.47	0.61	<b>1.73</b>	-0.61	0.16	
<b>EAXY2L</b>	<b>2.88</b>	0.09	0.18	<b>4.06</b>	-1.22	0.12	<b>8.74</b>	-3.34X	0.01	<b>9.57</b>	-2.95	0.01	<b>2.11</b>	-0.28	0.09	
<b>GDKPVL</b>	<b>2.23</b>	-0.20	1.49	<b>8.88</b>	0.35	0.74	<b>25.57</b>	0.86	1.52	<b>25.93</b>	0.79	0.24	<b>3.02</b>	0.52	1.38	
<b>GN9GMK</b>	<b>2.25</b>	-0.20	1.80	<b>6.46</b>	-0.44	2.39	<b>22.26</b>	0.04	3.73	<b>20.76</b>	-0.39	3.55	<b>2.41</b>	-0.02	1.47	
<b>H9AUVJ</b>	<b>2.60</b>	-0.04	0.00	<b>8.17</b>	0.12	0.40	<b>23.67</b>	0.39	0.12	<b>25.67</b>	0.73	0.12	<b>2.37</b>	-0.06	0.16	
<b>HG44YM</b>	<b>5.43</b>	1.24	2.83	<b>12.30</b>	1.47	1.34	<b>28.20</b>	1.52	0.66	<b>26.23</b>	0.86	1.79	<b>5.97</b>	3.10	0.57	
<b>HXDN3K</b>	<b>2.47</b>	-0.10	0.99	<b>4.67</b>	-1.02	1.13	<b>19.93</b>	-0.54	0.74	<b>18.57</b>	-0.90	0.30	<b>2.01</b>	-0.37	2.82	
<b>HY8GVH</b>	<b>9.72</b>	3.18	0.14	<b>12.65</b>	1.59	0.56	<b>9.52</b>	-3.14	0.14	<b>4.64</b>	-4.08X	0.04	<b>1.47</b>	-0.84	0.06	
<b>KHNPPF</b>	<b>14.29</b>	5.24X	0.06	<b>15.88</b>	2.64X	0.48	<b>12.04</b>	-2.51	0.10	<b>7.10</b>	-3.52X	0.19	<b>2.22</b>	-0.18	0.08	
<b>MG7FPD</b>	<b>3.60</b>	0.41	0.45	<b>6.45</b>	-0.44	1.29	<b>22.92</b>	0.20	0.18	<b>23.55</b>	0.24	0.21	<b>3.12</b>	0.60	0.08	
<b>NQ6HHA</b>	<b>1.62</b>	-0.48	0.23	<b>9.19</b>	0.45	0.96	<b>23.21</b>	0.28	0.55	<b>24.68</b>	0.50	1.45	<b>3.10</b>	0.59	0.42	
<b>NVJBHE</b>	<b>8.55</b>	2.65	1.21	<b>12.49</b>	1.53	1.33	<b>29.46</b>	1.84	0.72	<b>30.12</b>	1.75	0.91	<b>7.17</b>	4.16X	1.76	
<b>RLKME8</b>	<b>75.30</b>	32.79X	0.00	<b>8.76</b>	0.32	0.00	<b>7.36</b>	-3.68X	0.00	<b>6.44</b>	-3.67X	0.00	<b>17.40</b>	13.13X	0.00	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>TARMZA</b>	<b>2.45</b>	-0.11	0.41	<b>9.41</b>	0.53	0.30	<b>25.24</b>	0.78	0.65	<b>19.68</b>	-0.64	0.55	<b>2.33</b>	-0.09	1.07
<b>THG979</b>	<b>4.73</b>	0.92	2.51	<b>5.09</b>	-0.88	1.46	<b>19.69</b>	-0.60	0.47	<b>20.06</b>	-0.55	0.36	<b>2.09</b>	-0.30	0.20
<b>TL2339</b>	<b>0.35</b>	-1.06	0.00	<b>0.35</b>	-2.44	0.00	<b>15.34</b>	-1.69	1.01	<b>17.88</b>	-1.05	0.30	<b>0.35</b>	-1.82	0.00
<b>TRQM64</b>	<b>5.82</b>	1.41	1.95	<b>3.98</b>	-1.25	0.11	<b>27.05</b>	1.23	2.03	<b>22.49</b>	0.00	2.33	<b>4.05</b>	1.42	3.41
<b>UTCQC2</b>	<b>2.52</b>	-0.08	1.42	<b>5.65</b>	-0.70	0.43	<b>22.14</b>	0.01	0.21	<b>21.78</b>	-0.16	1.13	<b>3.21</b>	0.68	0.13
<b>VEQX2Y</b>	<b>2.53</b>	-0.07	0.34	<b>6.80</b>	-0.33	0.00	<b>21.20</b>	-0.23	0.50	<b>22.23</b>	-0.06	0.12	<b>2.70</b>	0.24	0.27
<b>WBBHB9</b>	<b>3.56</b>	0.39	0.23	<b>8.48</b>	0.22	0.52	<b>22.25</b>	0.04	0.98	<b>23.56</b>	0.25	0.70	<b>3.13</b>	0.61	0.12
<b>WM6UP7</b>	<b>1.82</b>	-0.39	0.67	<b>4.66</b>	-1.03	0.94	<b>21.22</b>	-0.22	0.83	<b>23.64</b>	0.26	0.36	<b>2.26</b>	-0.15	0.42
<b>X6FA2X</b>	<b>3.67</b>	0.44	0.13	<b>6.87</b>	-0.30	0.40	<b>22.07</b>	-0.01	0.31	<b>19.97</b>	-0.58	0.30	<b>2.60</b>	0.15	0.00
<b>Z4DH63</b>	<b>3.60</b>	0.41	0.81	<b>8.53</b>	0.24	0.54	<b>26.20</b>	1.02	0.10	<b>26.00</b>	0.80	0.38	<b>3.27</b>	0.73	0.79

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups					Data units: mg/kg
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	2.69	7.80	22.1	22.5	2.43
<b>Median Abs Dev</b>	0.95	1.62	1.7	2.6	0.64
<b>Avg Within Lab SD</b>	0.45	0.39	1.0	1.0	0.36
<b>Labs Included</b>	34	35	34	33	34
<b>Labs Reporting</b>	36	36	36	36	36



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
38BFRZ	21.8	-0.84	0.47	17.6	-0.95	0.13	3.3	-1.03	0.22	24.8	-0.22	1.03	5.9	-1.36	0.33	
3B7CBY	14.6	-2.93X	0.29	8.2	-3.91X	0.27	1.8	-1.74	0.09	17.9	-3.45X	0.35	2.9	-3.13X	0.33	
9Z8RBT	27.3	0.78	0.93	27.2	2.09	0.50	5.4	0.00	0.17	27.2	0.90	0.53	7.8	-0.28	0.66	
AWMXET	26.7	0.58	0.79	23.0	0.77		6.3	0.43	1.69	27.3	0.94	1.35	10.0	0.98		
AXHFFU	25.6	0.27	0.14	15.1	-1.72	0.37	4.7	-0.34	0.34	24.4	-0.42	1.05	7.4	-0.53	0.13	
CWD2GQ	30.8	1.79		55.0	10.89X		17.6	5.82X		35.2	4.59X		9.9	0.92		
DR37GM	28.3	1.07	1.92	21.1	0.18	0.68	7.1	0.81	1.22	27.4	0.96	0.76	8.4	0.08	0.34	
DTBJYP	21.8	-0.82	1.47	16.2	-1.38	0.23	4.4	-0.48	0.00	25.3	-0.01	0.72	8.2	-0.08	0.47	
FFE2DF	25.0	0.10		20.0	-0.18		6.3	0.43	1.69	23.3	-0.91	0.68	9.0	0.41		
FRA8CK	29.2	1.33	0.44	21.9	0.41	0.21	6.9	0.71	0.30	27.7	1.12	1.35	8.7	0.24	0.23	
GDKPVL	23.3	-0.41	2.06	17.6	-0.95	3.48	3.9	-0.73	1.34	26.6	0.59	1.17	5.6	-1.55	1.76	
GN9GMK	23.6	-0.31	0.44	20.6	0.00	1.93	5.1	-0.17	0.18	26.9	0.73	1.13	6.9	-0.80	0.84	
H9AUVJ	23.7	-0.28	0.27	20.5	-0.02	0.10	5.0	-0.22	0.17	25.6	0.12	0.36	7.7	-0.32	0.13	
HBAAXE	24.7	0.00	0.79	20.7	0.03	0.56	6.7	0.59	1.69	22.7	-1.22	0.68	10.0	0.98		
HG44YM	23.3	-0.39	0.79	21.3	0.24	0.56	5.0	-0.21		23.0	-1.07	2.03	8.7	0.21	1.28	
HRP4WJ	23.9	-0.23	0.08	19.7	-0.29	0.06	3.3	-1.02	0.59	24.6	-0.34	0.07	8.1	-0.09	0.46	
HXDN3K	23.2	-0.44	1.41	19.1	-0.46	0.78	5.3	-0.06	0.84	24.7	-0.28	0.54	7.3	-0.55	1.55	
JMMRAH	32.2	2.19	2.54	54.9	10.85X	1.45	10.7	2.50	1.23	23.1	-1.01	2.49	13.5	2.99X	1.81	
L3Q84A	27.9	0.93	0.44	22.2	0.50	0.06	6.8	0.67	0.17	27.4	0.96	0.55	9.0	0.42	0.26	
MLHBPG	21.7	-0.88	0.75	16.8	-1.19	0.17	3.6	-0.89	0.45	26.1	0.39	0.18	5.7	-1.51	0.13	
NEC2T9	28.2	1.02	0.30	21.3	0.22	0.24	7.4	0.94	0.33	26.3	0.45	0.61	8.1	-0.12	0.22	
PF4EXC	23.2	-0.43	0.02	18.8	-0.57	0.06	4.4	-0.50	0.04	25.6	0.13	0.02	8.8	0.31	0.18	
QJZMD7	24.3	-0.10	0.79	21.0	0.13		6.7	0.59	1.69	25.3	0.01	0.68	9.0	0.41	2.21	
TARMZA	28.3	1.06	0.34	25.5	1.57	0.51	10.4	2.39	0.15	29.3	1.85	0.88	12.1	2.21	0.26	
TDQXWA	25.1	0.12	0.57	21.6	0.34	1.92	5.3	-0.06	2.40	25.1	-0.09	1.42	8.5	0.12	2.55	
UTCQC2	24.1	-0.18	0.23	19.0	-0.48	0.48	6.0	0.25	0.16	24.7	-0.26	0.15	7.8	-0.29	0.08	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>VEQX2Y</b>	<b>22.0</b>	-0.78		<b>18.3</b>	-0.71	0.56	<b>6.0</b>	0.27		<b>22.7</b>	-1.22	0.68	<b>8.0</b>	-0.17		
<b>VVCGUZ</b>	<b>26.3</b>	0.48	1.12	<b>23.5</b>	0.94	0.62	<b>5.8</b>	0.15	0.39	<b>24.9</b>	-0.17	0.59	<b>9.3</b>	0.57	0.59	
<b>Z33H42</b>	<b>27.3</b>	0.77	0.40	<b>24.0</b>	1.08	0.10	<b>7.5</b>	1.00	0.42	<b>28.4</b>	1.44	0.55	<b>11.2</b>	1.66	0.61	
<b>Z4DH63</b>	<b>21.3</b>	-0.97	0.79	<b>18.0</b>	-0.81	0.97	<b>4.7</b>	-0.37	1.69	<b>23.0</b>	-1.07	1.17	<b>5.3</b>	-1.70	1.28	
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	24.7			20.6			5.43			25.3			8.30			
<b>Median Abs Dev</b>	2.0			1.6			1.04			1.4			0.72			
<b>Avg Within Lab SD</b>	0.7			1.0			0.34			0.9			0.45			
<b>Labs Included</b>	29			27			29			28			28			
<b>Labs Reporting</b>	30			30			30			30			30			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>14.7</b>	-0.49	0.40	<b>6.7</b>	-1.35	2.84	<b>13.8</b>	2.30	3.26	<b>15.2</b>	-1.02	3.03	<b>5.3</b>	0.13	1.24	
<b>66RH9Y</b>	<b>14.3</b>	-0.62	0.48	<b>10.5</b>	-0.69	0.08	<b>2.2</b>	-0.44	0.01	<b>18.2</b>	-0.37	0.23	<b>3.7</b>	-0.69	0.20	
<b>9WTU7R</b>	<b>15.9</b>	-0.11	2.69	<b>16.2</b>	0.33	0.27	<b>4.1</b>	0.00	0.31	<b>23.4</b>	0.72	0.21	<b>8.5</b>	1.80	0.26	
<b>9YYC9U</b>	<b>21.8</b>	1.75	0.34	<b>17.8</b>	0.61	0.25	<b>6.0</b>	0.46	0.14	<b>22.6</b>	0.55	0.15	<b>7.6</b>	1.33	0.17	
<b>AMY7NU</b>	<b>15.7</b>	-0.18	0.03	<b>15.4</b>	0.19	0.10	<b>3.6</b>	-0.12	0.01	<b>22.9</b>	0.62	0.08	<b>4.2</b>	-0.43	0.20	
<b>CWD2GQ</b>	<b>17.0</b>	0.24		<b>3.0</b>	-2.01		<b>12.0</b>	1.86		<b>20.0</b>	0.00		<b>5.0</b>	0.00		
<b>H9AUVJ</b>	<b>16.6</b>	0.11	0.11	<b>14.4</b>	0.00	0.05	<b>3.5</b>	-0.15	0.02	<b>17.9</b>	-0.44	0.09	<b>5.4</b>	0.22	0.07	
<b>HQUKUH</b>	<b>12.3</b>	-1.26		<b>20.2</b>	1.03		<b>5.2</b>	0.27		<b>12.9</b>	-1.50		<b>3.4</b>	-0.82		
<b>HTEERH</b>	<b>18.0</b>	0.56	0.13				<b>3.5</b>	-0.13	0.03	<b>22.3</b>	0.49	0.00				
<b>JMMRAH</b>	<b>32.2</b>	5.01X	1.39	<b>54.9</b>	7.18X	1.03	<b>10.7</b>	1.55	0.16	<b>23.1</b>	0.66	0.86	<b>13.5</b>	4.34X	1.38	
<b>LQVMXQ</b>	<b>16.9</b>	0.21	0.29	<b>13.0</b>	-0.24	0.40	<b>2.7</b>	-0.33	0.16	<b>18.9</b>	-0.23	0.16	<b>4.4</b>	-0.29	0.33	
<b>VX8VP7</b>	<b>24.0</b>	2.44	1.47	<b>14.8</b>	0.07	0.80	<b>7.2</b>	0.72	0.45	<b>28.3</b>	1.76	0.94	<b>6.9</b>	0.97	2.65	
<b>Y3BZT2</b>	<b>15.8</b>	-0.15	0.09	<b>9.3</b>	-0.89	0.08	<b>2.2</b>	-0.44	0.03	<b>18.2</b>	-0.39	0.11	<b>3.6</b>	-0.72	0.38	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	16.3			14.4			4.10			20.0			5.00			
<b>Median Abs Dev</b>	1.2			3.5			1.85			2.6			1.35			
<b>Avg Within Lab SD</b>	1.3			1.5			2.58			2.5			0.59			
<b>Labs Included</b>	12			11			13			13			11			
<b>Labs Reporting</b>	13			12			13			13			12			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>7.65</b>	-1.36	0.56	<b>10.55</b>	0.31	0.14	<b>2.87</b>	0.22	0.20	<b>6.19</b>	-1.76	0.32	<b>4.11</b>	0.27	0.17	
<b>38BFRZ</b>	<b>12.06</b>	0.46	0.51	<b>10.45</b>	0.27	0.23	<b>2.07</b>	-0.33	0.17	<b>10.15</b>	0.00	0.16	<b>3.56</b>	-0.04	0.70	
<b>3B7CBY</b>	<b>9.08</b>	-0.77	0.36	<b>8.00</b>	-0.62	0.60	<b>1.20</b>	-0.92	0.14	<b>7.23</b>	-1.30	0.59	<b>2.21</b>	-0.82	0.28	
<b>66RH9Y</b>	<b>8.46</b>	-1.02	0.10	<b>8.31</b>	-0.51	0.49	<b>1.44</b>	-0.76	0.13	<b>6.87</b>	-1.46	0.29	<b>2.53</b>	-0.64	0.27	
<b>8HCJZP</b>	<b>12.00</b>	0.44		<b>10.00</b>	0.11		<b>4.00</b>	1.00		<b>11.00</b>	0.38		<b>4.00</b>	0.21		
<b>9WTU7R</b>	<b>11.00</b>	0.03	2.11	<b>10.67</b>	0.35	0.71	<b>2.00</b>	-0.37		<b>13.33</b>	1.42	0.57	<b>3.67</b>	0.02	1.31	
<b>9YYC9U</b>	<b>15.70</b>	1.96	0.42	<b>11.83</b>	0.77	0.38	<b>6.83</b>	2.94	0.27	<b>13.20</b>	1.36	0.37	<b>7.60</b>	2.28	0.60	
<b>9Z8RBT</b>	<b>12.37</b>	0.59	2.96	<b>9.70</b>	0.00	1.92	<b>4.13</b>	1.09	4.23	<b>9.03</b>	-0.50	1.39	<b>4.60</b>	0.55	2.56	
<b>AMY7NU</b>	<b>12.12</b>	0.49	0.44	<b>12.44</b>	0.99	0.19	<b>1.74</b>	-0.55	0.14	<b>10.25</b>	0.04	0.12	<b>4.07</b>	0.25	0.20	
<b>AWMXET</b>	<b>8.67</b>	-0.94	1.22	<b>7.33</b>	-0.86	0.71	<b>2.00</b>	-0.37		<b>7.67</b>	-1.11	1.07	<b>3.00</b>	-0.36		
<b>AXHFFU</b>	<b>7.87</b>	-1.27	0.12	<b>8.37</b>	-0.48	0.19	<b>2.60</b>	0.04	0.00	<b>7.93</b>	-0.99	0.11	<b>3.10</b>	-0.31	0.23	
<b>B78PYN</b>	<b>9.53</b>	-0.58	0.44	<b>8.60</b>	-0.40	0.64	<b>1.27</b>	-0.88	0.20	<b>9.23</b>	-0.41	1.26	<b>2.53</b>	-0.63	0.57	
<b>CDKWFR</b>	<b>8.33</b>	-1.07	1.22	<b>7.67</b>	-0.74	0.71	<b>2.00</b>	-0.37		<b>7.33</b>	-1.25	1.07	<b>4.00</b>	0.21		
<b>CV3VKP</b>	<b>10.57</b>	-0.15	0.24	<b>8.57</b>	-0.41	0.50	<b>2.73</b>	0.13	0.27	<b>9.63</b>	-0.23	0.57	<b>3.77</b>	0.08	0.47	
<b>DTBJYP</b>	<b>12.60</b>	0.68	0.00	<b>14.06</b>	1.58	0.00	<b>6.87</b>	2.96	0.06	<b>13.38</b>	1.44	0.12	<b>13.33</b>	5.57	0.00	
<b>FFE2DF</b>	<b>11.67</b>	0.30	1.22	<b>9.67</b>	-0.01	2.56	<b>3.33</b>	0.54	1.02	<b>8.67</b>	-0.66	2.15	<b>4.00</b>	0.21	2.27	
<b>FZ4BJN</b>	<b>12.57</b>	0.67	0.88	<b>12.87</b>	1.15	0.62	<b>2.90</b>	0.24	0.71	<b>11.93</b>	0.80	0.47	<b>6.20</b>	1.47	0.82	
<b>GDKPVL</b>	<b>11.67</b>	0.30	0.44	<b>9.50</b>	-0.07	0.56	<b>2.50</b>	-0.03	0.47	<b>9.87</b>	-0.12	0.65	<b>3.47</b>	-0.10	0.73	
<b>GN9GMK</b>	<b>10.41</b>	-0.22	1.63	<b>8.71</b>	-0.36	1.70	<b>2.92</b>	0.26	1.30	<b>11.07</b>	0.41	0.94	<b>4.31</b>	0.39	0.47	
<b>H9AUVJ</b>	<b>11.87</b>	0.38	0.49	<b>10.00</b>	0.11	0.65	<b>1.63</b>	-0.63	0.62	<b>9.57</b>	-0.26	0.28	<b>3.07</b>	-0.33	0.35	
<b>HBAAXE</b>	<b>13.33</b>	0.99	1.22	<b>12.00</b>	0.83		<b>6.00</b>	2.37	1.76	<b>11.67</b>	0.68	1.07	<b>7.00</b>	1.93	2.27	
<b>HTEERH</b>				<b>13.00</b>	1.20	0.20							<b>3.58</b>	-0.03	0.25	
<b>HXDN3K</b>	<b>8.83</b>	-0.87	1.02	<b>7.51</b>	-0.80	0.35	<b>4.86</b>	1.58	0.09	<b>9.44</b>	-0.32	1.75	<b>4.13</b>	0.28	1.00	
<b>HY8GVH</b>	<b>13.41</b>	1.02	0.49	<b>12.19</b>	0.90	0.12	<b>2.86</b>	0.21	0.07	<b>11.64</b>	0.66	0.12	<b>4.17</b>	0.31	0.18	
<b>JMMRAH</b>	<b>32.16</b>	8.74X	3.90	<b>54.88</b>	16.39X	1.84	<b>10.65</b>	5.55X	0.74	<b>23.12</b>	5.78X	3.96	<b>13.50</b>	5.66X	1.86	
<b>KHNPPF</b>	<b>12.51</b>	0.65	0.25	<b>11.96</b>	0.82	0.11	<b>2.62</b>	0.05	0.08	<b>11.49</b>	0.60	0.11	<b>3.99</b>	0.20	0.07	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LQVMXQ	10.17	-0.32	1.12	10.06	0.13	0.94	2.24	-0.21	0.30	9.40	-0.33	0.56	3.60	-0.02	1.26	
MLHBPG	10.83	-0.04	0.68	13.47	1.37	1.28	1.67	-0.60	0.10	9.73	-0.18	0.94	3.13	-0.29	0.26	
NQ6HHA	12.06	0.46	0.88	8.08	-0.59	0.17	2.04	-0.35	0.21	10.52	0.16	0.85	3.04	-0.34	0.15	
Q6443A	19.84	3.67X	4.36	8.35	-0.49	3.60	3.50	0.65	2.06	18.09	3.54X	4.91	5.81	1.25	2.44	
QJZMD7	12.33	0.57	1.22	10.00	0.11		4.00	1.00		12.67	1.12	1.07	4.33	0.40	1.31	
RLKME8	10.88	-0.03	0.62	19.81	3.67X	0.08	16.16	9.32X	0.75	38.73	12.74X	2.35	30.64	15.51X	0.54	
TARMZA	14.38	1.42	0.46	13.28	1.30	0.37	7.64	3.49X	0.23	10.68	0.24	0.43	7.96	2.48	0.69	
THG979	11.40	0.19	0.65	10.27	0.21	0.82	2.55	0.00	0.22	8.17	-0.88	0.08	3.64	0.00	0.75	
TUBPVA	11.10	0.07	1.80	8.37	-0.48	0.68	4.53	1.36	0.89	11.27	0.50	1.76	5.00	0.78		
UTCQC2	10.08	-0.35	0.72	7.70	-0.73	0.30	3.98	0.98	0.16	11.08	0.41	0.38	2.74	-0.52	0.11	
VEQX2Y	10.33	-0.25	1.22	9.00	-0.25		2.33	-0.15	1.02	10.00	-0.07	1.86	3.00	-0.36		
VX8VP7	8.60	-0.96	0.73	6.57	-1.14	0.75	0.50	-1.40		7.77	-1.06	0.43	0.87	-1.59	0.35	
WHNRH2	5.33	-2.31	0.96	4.63	-1.84	0.67	2.36	-0.13	1.04	11.17	0.46	2.75	1.37	-1.30	1.19	
WM6UP7	7.70	-1.33	0.21	4.00	-2.07	1.13	1.20	-0.92	0.31	12.90	1.23	0.49	2.87	-0.44	0.47	
WV9DJL	12.80	0.77	1.12	11.22	0.55	0.57	2.62	0.05	0.41	10.35	0.09	0.84	3.55	-0.05	0.74	
XUWYPL	8.60	-0.96		8.50	-0.44		2.40	-0.10		7.80	-1.05		2.60	-0.59		
Y3BZT2	10.32	-0.26	0.46	15.51	2.11	0.66	1.51	-0.71	0.36	11.27	0.50	1.18	2.43	-0.69	0.54	
Z33H42	12.06	0.46	0.42	10.20	0.18	0.23	2.64	0.06	0.08	11.40	0.56	0.44	3.70	0.04	0.32	
Z4DH63	10.00	-0.39		8.67	-0.37	0.71	2.33	-0.15	1.02	8.67	-0.66	1.07	3.00	-0.36		

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
Grand Median	10.9			9.70			2.55			10.1			3.64			
Median Abs Dev	1.4			1.39			0.55			1.3			0.64			
Avg Within Lab SD	0.5			0.81			0.57			0.5			0.44			
Labs Included	42			43			41			41			43			
Labs Reporting	44			45			44			44			45			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2411				SRS2412			SRS2413			SRS2414			SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4VT6VT</b>	<b>1.00</b>			<b>12.00</b>		1.27	<b>1.00</b>			<b>1.67</b>		1.18			
<b>9WTU7R</b>	<b>1.08</b>		1.00	<b>5.02</b>		0.62	<b>0.22</b>		1.00	<b>2.09</b>		0.78	<b>1.16</b>		1.00
<b>FGQQMK</b>	<b>1.32</b>			<b>6.40</b>			<b>0.73</b>			<b>1.30</b>			<b>0.51</b>		
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2411				SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	1.08			6.40			0.73			1.67			0.83		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.34			0.79			0.11			0.49			0.27		
<b>Labs Included</b>	3			3			3			3			2		
<b>Labs Reporting</b>	3			3			3			3			2		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS2415		
SRS2411				SRS2412			SRS2413			SRS2414					
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>B78PYN</b>	<b>10.5</b>		1.20	<b>12.7</b>		1.41	<b>2.3</b>		0.85	<b>15.1</b>		1.36	<b>3.1</b>		1.37
<b>NQ6HHA</b>	<b>16.7</b>		0.75	<b>16.0</b>		0.12	<b>2.8</b>		1.13	<b>19.1</b>		0.39	<b>4.8</b>		0.34
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS2415		
SRS2411				SRS2412			SRS2413			SRS2414					
<b>Grand Median</b>	13.6			14.3			2.56			17.1			3.98		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.8			0.6			0.18			0.8			0.08		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>AWMXET</b>	<b>39.7</b>	0.15	0.77	<b>79.7</b>	0.44	0.91	<b>21.3</b>	0.52	0.56	<b>40.0</b>	0.44		<b>11.7</b>	-0.05	0.86
<b>AXHFFU</b>	<b>39.5</b>	0.12	0.19	<b>70.9</b>	-0.37	0.22	<b>17.6</b>	-0.05	0.74	<b>34.4</b>	-0.44	0.31	<b>12.3</b>	0.16	0.09
<b>GN9GMK</b>	<b>36.0</b>	-0.62	1.96	<b>75.0</b>	0.00	0.53	<b>19.5</b>	0.23	2.17	<b>37.2</b>	0.00	2.25	<b>7.6</b>	-1.44	0.71
<b>H9AUVJ</b>	<b>33.6</b>	-1.12	0.45	<b>73.1</b>	-0.18	1.34	<b>13.7</b>	-0.66	0.83	<b>36.8</b>	-0.07	0.18	<b>6.2</b>	-1.94	0.38
<b>HG44YM</b>	<b>31.0</b>	-1.67	1.34	<b>63.7</b>	-1.05	2.67	<b>13.7</b>	-0.67	1.12	<b>30.7</b>	-1.04	1.41	<b>10.0</b>	-0.62	1.50
<b>HQUKUH</b>	<b>12.3</b>	-5.61X		<b>20.2</b>	-5.08X		<b>5.2</b>	-1.97		<b>12.9</b>	-3.88X		<b>3.4</b>	-2.89	
<b>HXDN3K</b>	<b>41.4</b>	0.51	1.14	<b>75.0</b>	0.00	0.70	<b>16.6</b>	-0.21	0.99	<b>39.3</b>	0.34	0.65	<b>12.2</b>	0.13	1.38
<b>JMMRAH</b>	<b>32.2</b>	-1.43	1.24	<b>54.9</b>	-1.86	0.54	<b>10.7</b>	-1.13	0.41	<b>23.1</b>	-2.25	1.19	<b>13.5</b>	0.58	1.23
<b>MLHBPG</b>	<b>41.1</b>	0.46	0.32	<b>93.0</b>	1.67	0.13	<b>28.9</b>	1.69	1.38	<b>48.1</b>	1.73	0.29	<b>11.7</b>	-0.02	0.35
<b>UTCQC2</b>	<b>39.4</b>	0.10	0.63	<b>75.7</b>	0.06	0.15	<b>21.4</b>	0.53	0.07	<b>38.8</b>	0.26	0.10	<b>11.9</b>	0.02	0.11
<b>VEQX2Y</b>	<b>33.0</b>	-1.25		<b>57.3</b>	-1.64	0.21	<b>18.3</b>	0.05	0.56	<b>33.7</b>	-0.57	0.32	<b>12.0</b>	0.07	
<b>Z33H42</b>	<b>38.9</b>	0.00	0.43	<b>76.6</b>	0.15	0.22	<b>20.5</b>	0.39	0.30	<b>39.0</b>	0.28	0.88	<b>12.3</b>	0.18	1.67

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	38.9			75.0			18.0			37.2			11.8		
<b>Median Abs Dev</b>	2.4			4.0			3.4			2.8			0.5		
<b>Avg Within Lab SD</b>	1.5			2.8			1.0			1.8			0.7		
<b>Labs Included</b>	11			11			12			11			12		
<b>Labs Reporting</b>	12			12			12			12			12		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>JMMRAH</b>	<b>32.2</b>		1.00	<b>54.9</b>		1.00	<b>10.7</b>		1.00	<b>23.1</b>		1.00	<b>13.5</b>		1.00			

PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	32.2			54.9			10.7			23.1			13.5					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	1.9			1.5			0.4			2.1			0.8					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2QMUQU	9.8	2.02	0.24	40.6	1.70	0.65	10.3	2.35	1.54	13.8	1.96	0.51	11.2	1.91	1.12	
84A99W	3.4	-0.51	0.00	32.5	0.25		5.8	0.23	0.00	7.0	-0.28	0.00	4.8	-0.40	0.00	
AWMXET	6.7	0.79	0.48	25.8	-0.95	0.14	5.1	-0.13	0.03	9.2	0.44	0.27	5.8	-0.04	0.14	
AXHFFU	3.5	-0.44	0.63	30.8	-0.05	1.64	5.8	0.20	0.54	7.8	-0.01	0.50	4.8	-0.39	0.47	
B78PYN	3.0	-0.65		32.1	0.19	0.53	4.9	-0.21	0.52	6.3	-0.50	0.71	4.2	-0.61	0.52	
FFE2DF	6.5	0.70	1.10	20.6	-1.87	1.31	13.6	3.90X	0.45	10.4	0.86	0.63	2.3	-1.31	0.26	
HBAAXE	6.0	0.52		65.3	6.13X	1.42	6.0	0.31	2.38	7.7	-0.06	0.63	11.7	2.07	3.26	
HG44YM	6.9	0.86	1.76	40.0	1.60	1.43	9.5	1.96	1.14	13.2	1.78	1.63	9.4	1.25	0.81	
HQUKUH	0.7	-1.55		3.5	-4.94X		1.9	-1.63		1.4	-2.14		0.7	-1.87		
HXDN3K	8.3	1.43	1.38	24.3	-1.23	0.99	8.5	1.49	0.45	10.7	0.96	1.00	8.2	0.83	1.93	
JMMRAH	2,417.5	942.93X	173.77	2,192.4	387.24X	71.30	1,877.5	885.51X	132.62	1,005.4	329.71X	4.07	1,452.1	517.88X	55.84	
MG7FPD	6.2	0.59	0.52	33.3	0.40	0.27	5.2	-0.09	0.34	7.8	0.00	0.31	6.7	0.27	0.37	
MLHBPG	3.7	-0.39	0.27	31.7	0.10	1.84	5.4	0.01	0.50	6.6	-0.40	0.17	5.9	0.00	0.13	
NQ6HHA	2.7	-0.78	0.11	33.0	0.35	0.41	4.6	-0.36	0.10	6.0	-0.59	0.13	4.2	-0.60	0.07	
QJZMD7	3.2	-0.57	1.00	30.4	-0.13	0.87	4.7	-0.33	0.79	5.9	-0.63	0.83	3.9	-0.71	0.33	
THG979	7.2	0.97	0.69	23.8	-1.30	0.11	6.5	0.52	0.07	9.3	0.50	0.04	6.9	0.37	0.02	
TQE348	3.6	-0.40	0.00	32.0	0.17	0.00	3.3	-0.97	0.33	5.2	-0.88	0.15	6.1	0.08	0.54	
TRQM64	4.7	0.01	0.18	31.1	0.00	0.25	7.5	1.00	0.01	8.6	0.25	0.22	7.2	0.45	0.28	
UTCQC2	6.0	0.54	0.22	23.1	-1.43	0.42	7.5	1.02	0.14	9.0	0.37	0.07	7.0	0.38	0.04	
VX8VP7	4.7	0.00	2.74	36.3	0.94	2.15	4.3	-0.48	3.00	8.7	0.28	3.83	7.3	0.51	1.98	
WHNRH2	3.9	-0.30	0.64	29.5	-0.29	1.06	4.8	-0.26	0.37	9.5	0.56	0.66	5.7	-0.06	0.13	
X6FA2X	5.2	0.22	0.10	31.1	0.00	0.43	6.5	0.56	0.07	8.5	0.23	0.17	7.0	0.39	0.13	
Z4DH63	4.0	-0.26	1.80	28.3	-0.49	1.08	5.3	-0.01	0.69	5.3	-0.83	0.63	5.7	-0.08	0.75	
ZYHN82	2.1	-1.01	0.08	27.1	-0.72	0.30	3.8	-0.71	0.34	4.8	-1.01	0.08	3.3	-0.92	0.09	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	4.67	31.1	5.35	7.83	5.90	
<b>Median Abs Dev</b>	1.45	2.2	0.89	1.51	1.26	
<b>Avg Within Lab SD</b>	0.56	1.1	0.84	0.92	0.77	
<b>Labs Included</b>	23	21	22	23	23	
<b>Labs Reporting</b>	24	24	24	24	24	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>129.6</b>	0.00	1.58	<b>83.6</b>	-0.12	1.56	<b>159.2</b>	0.31	0.63	<b>326.2</b>	0.13	2.12	<b>68.0</b>	-0.60	2.15
<b>38BFRZ</b>	<b>148.3</b>	0.61	0.15	<b>93.0</b>	0.75	0.54	<b>167.7</b>	0.93	1.58	<b>351.0</b>	0.66	0.52	<b>85.0</b>	0.90	0.74
<b>3AVAPZ</b>	<b>158.6</b>	0.95	0.23	<b>100.1</b>	1.41	1.61	<b>166.4</b>	0.83	1.35	<b>364.0</b>	0.94	0.23	<b>97.5</b>	2.01	
<b>3B7CBY</b>	<b>137.9</b>	0.27	0.25	<b>91.4</b>	0.60	0.65	<b>152.5</b>	-0.18	0.13	<b>316.1</b>	-0.08	0.29	<b>74.6</b>	-0.02	0.37
<b>66RH9Y</b>	<b>135.1</b>	0.18	0.10	<b>84.7</b>	-0.02	0.08	<b>155.7</b>	0.05	0.15	<b>373.0</b>	1.13	0.05	<b>78.5</b>	0.33	0.10
<b>84A99W</b>	<b>110.0</b>	-0.64		<b>76.5</b>	-0.78		<b>127.5</b>	-2.01		<b>298.5</b>	-0.45		<b>68.0</b>	-0.60	
<b>9WTU7R</b>	<b>147.3</b>	0.58	0.42	<b>94.3</b>	0.88	1.49	<b>169.3</b>	1.05	1.91	<b>343.3</b>	0.50	1.04	<b>83.0</b>	0.73	0.49
<b>9YYC9U</b>	<b>156.0</b>	0.86	0.27	<b>100.3</b>	1.43	0.20	<b>162.3</b>	0.54	0.38	<b>396.7</b>	1.63	0.53	<b>85.9</b>	0.98	0.04
<b>9Z8RBT</b>	<b>162.7</b>	1.08	5.58	<b>87.3</b>	0.23	2.96	<b>144.0</b>	-0.80	2.99	<b>327.3</b>	0.16	1.56	<b>79.7</b>	0.43	1.72
<b>AMY7NU</b>	<b>157.4</b>	0.91	0.45	<b>91.1</b>	0.58	0.61	<b>164.4</b>	0.69	0.60	<b>360.6</b>	0.87	1.15	<b>78.1</b>	0.29	0.73
<b>AWMXET</b>	<b>100.0</b>	-0.97		<b>75.3</b>	-0.89	0.16	<b>152.0</b>	-0.22	0.26	<b>278.0</b>	-0.89	0.36	<b>66.0</b>	-0.78	0.25
<b>AXHFFU</b>	<b>92.3</b>	-1.22	0.21	<b>88.0</b>	0.29	0.47	<b>137.7</b>	-1.27	0.61	<b>249.3</b>	-1.50	1.79	<b>75.0</b>	0.02	0.42
<b>B78PYN</b>										<b>380.0</b>	1.28	2.07			
<b>CDKWFR</b>	<b>148.7</b>	0.62	1.59	<b>94.7</b>	0.91	1.49	<b>157.7</b>	0.20	0.68	<b>324.0</b>	0.09	2.07	<b>80.3</b>	0.49	0.86
<b>CJMCHK</b>	<b>130.9</b>	0.04	0.13	<b>85.1</b>	0.02	0.07	<b>156.1</b>	0.08	0.44	<b>355.8</b>	0.76	0.10	<b>79.2</b>	0.39	0.12
<b>CV3VKP</b>	<b>107.9</b>	-0.71	0.86	<b>101.9</b>	1.58	1.30	<b>162.0</b>	0.51	0.35	<b>275.2</b>	-0.95	0.49	<b>89.5</b>	1.30	1.04
<b>CWD2GQ</b>	<b>130.5</b>	0.03		<b>82.8</b>	-0.20		<b>149.4</b>	-0.41		<b>319.5</b>	-0.01		<b>72.9</b>	-0.17	
<b>DR37GM</b>	<b>99.6</b>	-0.98	0.40	<b>74.0</b>	-1.01	1.14	<b>148.3</b>	-0.49	0.48	<b>297.8</b>	-0.47	0.65	<b>66.9</b>	-0.70	0.37
<b>DTBJYP</b>	<b>127.5</b>	-0.07	0.23	<b>86.2</b>	0.12	0.59	<b>159.9</b>	0.36	0.40	<b>332.1</b>	0.26	0.27	<b>81.8</b>	0.62	0.38
<b>FFE2DF</b>	<b>103.0</b>	-0.87	0.27	<b>83.7</b>	-0.11	0.41	<b>149.3</b>	-0.41	0.09	<b>303.0</b>	-0.36	0.41	<b>73.0</b>	-0.16	0.85
<b>FGQQMK</b>	<b>171.8</b>	1.38		<b>96.5</b>	1.08		<b>168.4</b>	0.98		<b>496.5</b>	3.75X		<b>142.7</b>	6.02X	
<b>FRA8CK</b>	<b>100.1</b>	-0.96	0.15	<b>76.5</b>	-0.78	0.38	<b>148.3</b>	-0.49	0.49	<b>292.3</b>	-0.58	0.19	<b>68.0</b>	-0.61	0.40
<b>FZ4BJN</b>	<b>144.0</b>	0.47	0.18	<b>95.0</b>	0.94	0.81	<b>157.3</b>	0.17	0.46	<b>364.0</b>	0.94	0.58	<b>85.3</b>	0.93	1.13
<b>GDKPVL</b>	<b>141.7</b>	0.39	0.76	<b>89.2</b>	0.40	0.53	<b>177.7</b>	1.66	1.96	<b>373.3</b>	1.13	1.98	<b>90.7</b>	1.41	0.49
<b>GN9GMK</b>	<b>109.7</b>	-0.65	0.75	<b>83.9</b>	-0.10	1.10	<b>151.4</b>	-0.27	0.98	<b>309.3</b>	-0.22	1.67	<b>66.2</b>	-0.76	1.64
<b>HBAAXE</b>	<b>95.7</b>	-1.11	0.25	<b>77.0</b>	-0.73	0.27	<b>149.7</b>	-0.39	0.09	<b>269.7</b>	-1.06	0.06	<b>69.3</b>	-0.49	0.51



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HG44YM	84.3	-1.48	0.38	76.0	-0.83	1.40	138.0	-1.24	0.40	248.7	-1.51	1.79	66.0	-0.78	1.61
HTEERH	167.5	1.24	0.26	104.3	1.80	0.14	176.7	1.59	0.39	383.4	1.35	0.09	90.4	1.38	0.25
HXDN3K	115.8	-0.45	0.76	90.4	0.51	0.35	174.0	1.39	0.47	310.3	-0.20	0.48	84.7	0.88	0.63
HY8GVH	138.0	0.27	0.10	81.6	-0.31	0.20	158.0	0.22	0.30	356.0	0.77	0.10	70.4	-0.39	0.12
JMMRAH	148.2	0.61	0.36	89.5	0.43	0.38	78.8	-5.57X	1.48	355.9	0.77	0.73	77.9	0.27	0.50
KHNPPF	133.3	0.12	0.15	81.4	-0.33	0.18	161.7	0.49	0.38	359.7	0.84	0.16	78.1	0.29	0.20
L3Q84A	102.3	-0.89	0.29	82.1	-0.26	0.08	152.3	-0.20	0.61	285.0	-0.74	0.55	68.2	-0.58	0.12
MLHBPG	130.0	0.01	0.36	81.3	-0.33	0.16	143.3	-0.85	0.23	332.3	0.26	0.39	72.7	-0.19	0.14
NEC2T9	102.9	-0.87	0.22	77.8	-0.66	0.23	153.3	-0.13	0.43	309.5	-0.22	1.59	68.1	-0.59	0.27
NQ6HHA	135.2	0.18	0.27	78.5	-0.60	1.35	157.9	0.21	0.19	320.2	0.01	1.85	84.1	0.82	0.85
NVJBHE	79.9	-1.62	0.56	68.0	-1.57	3.03	131.0	-1.76	0.92	222.2	-2.07	0.79	53.2	-1.92	1.10
PF4EXC	103.9	-0.84	0.01	74.9	-0.93	0.03	154.0	-0.08	0.04	299.0	-0.44	0.03	64.9	-0.88	0.07
Q6443A	108.8	-0.68	2.52	88.2	0.31	1.59	123.8	-2.28	3.13	302.7	-0.36	1.88	63.9	-0.97	4.81
QJZMD7	105.3	-0.79	0.42	83.3	-0.15	0.31	151.7	-0.24	0.53	312.3	-0.16	0.67	72.7	-0.19	0.28
RLKME8	215.4	2.80X	0.61	102.4	1.63	0.05	168.5	0.99	0.14	616.3	6.29X	1.46	227.0	13.50X	0.09
TARMZA	85.0	-1.46		70.0	-1.38		146.7	-0.61	1.15	251.7	-1.45	1.30	65.0	-0.87	
TDQXWA	103.3	-0.86	0.59	73.7	-1.04	1.65	160.7	0.41	1.07	302.7	-0.36	0.63	75.7	0.08	0.37
THG979	139.5	0.32	0.03	85.5	0.05	0.08	159.9	0.36	0.14	355.4	0.75	0.34	71.5	-0.29	0.18
TQE348	176.5	1.53	0.11	109.1	2.25	0.02	181.5	1.94	2.92	583.8	5.60X	1.13	95.5	1.83	0.09
TUBPVA	102.0	-0.90	0.20	75.1	-0.91	0.31	155.0	0.00	0.45	293.7	-0.56	0.33	66.2	-0.76	0.22
UTCQC2	116.8	-0.42	0.03	84.9	0.00	0.24	140.6	-1.05	0.12	290.0	-0.63	0.04	68.8	-0.53	0.29
VEQX2Y	105.5	-0.79	0.05	79.8	-0.48	0.15	168.6	1.00	0.08	298.7	-0.45	0.68	72.0	-0.25	0.30
VX8VP7	126.7	-0.10	0.23	87.0	0.20	0.47	153.7	-0.10	0.17	345.0	0.53	0.48	80.3	0.49	0.28
WHNRH2	151.4	0.71	0.31	103.8	1.76	1.74	155.5	0.04	0.40	347.0	0.58	0.18	90.0	1.35	0.25
WM6UP7	135.1	0.18	0.09	85.1	0.02	0.22	148.6	-0.47	0.21	349.9	0.64	0.71	76.4	0.14	0.73
WV9DJL	130.9	0.04	0.12	86.0	0.10	0.40	151.0	-0.29	0.23	331.9	0.25	0.51	89.7	1.32	0.43



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XUWYPL</b>	<b>428.0</b>	9.74	X	<b>137.0</b>	4.84	X	<b>89.0</b>	-4.83	X	<b>364.0</b>	0.94		<b>82.0</b>	0.64		
<b>Y3BZT2</b>	<b>162.9</b>	1.09	0.13	<b>116.3</b>	2.91	X	<b>171.3</b>	1.19	0.22	<b>439.1</b>	2.53	X	<b>109.8</b>	3.10	X	
<b>Z4DH63</b>	<b>110.3</b>	-0.63	0.15	<b>82.7</b>	-0.21	0.41	<b>152.3</b>	-0.20	0.57	<b>277.0</b>	-0.91	0.31	<b>67.7</b>	-0.63	0.37	
<b>ZYHN82</b>	<b>125.6</b>	-0.13	0.36	<b>76.8</b>	-0.75	0.95	<b>139.3</b>	-1.15	0.99	<b>306.3</b>	-0.29	0.35	<b>74.4</b>	-0.04	0.43	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	129.6			84.9			155.0			319.8			74.8			
<b>Median Abs Dev</b>	20.8			6.4			6.7			28.7			6.8			
<b>Avg Within Lab SD</b>	9.9			3.7			6.7			9.6			4.1			
<b>Labs Included</b>	53			53			53			52			52			
<b>Labs Reporting</b>	55			55			55			56			55			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2QMUQU	1,969.5	0.17	3.19	4,100.3	0.79	0.56	716.5	0.29	1.15	2,158.9	0.09	1.80	1,313.2	0.43	3.09	
38BFRZ	1,805.0	-0.28	0.01	3,681.7	0.00	0.28	644.7	-0.36	0.91	2,133.0	0.00	0.23	1,263.0	0.14	0.88	
3AVAPZ	2,340.0	1.17	0.49	4,946.7	2.38	2.98	850.7	1.52	1.48	2,480.0	1.25	0.27	1,527.3	1.66	0.48	
3B7CBY	1,737.0	-0.46	0.12	3,352.3	-0.62	0.26	649.1	-0.32	0.07	1,923.1	-0.76	0.24	1,139.0	-0.57	0.19	
66RH9Y	2,089.6	0.49	0.06	4,397.4	1.35	0.01	767.3	0.76	0.07	2,594.5	1.67	0.08	1,497.3	1.49	0.48	
84A99W	1,915.0	0.02		3,735.0	0.10		627.5	-0.52		2,071.0	-0.22		1,238.0	0.00		
9WTU7R	2,106.7	0.54	0.14	3,738.7	0.11	2.08	715.3	0.28	1.52	2,273.3	0.51	0.56	1,340.0	0.59	0.41	
9YYC9U	1,718.3	-0.51	0.18	3,656.0	-0.05	0.17	591.0	-0.86	0.06	2,263.3	0.47	0.42	1,236.3	-0.01	0.09	
9Z8RBT	2,203.7	0.80	2.73	4,366.7	1.29	0.62	679.7	-0.05	1.02	2,319.7	0.67	4.21	1,517.0	1.60	4.13	
AMY7NU	2,036.7	0.35	0.20	4,144.3	0.87	0.33	616.8	-0.62	0.23	2,145.0	0.04	0.28	1,219.0	-0.11	0.64	
AWMXET	1,396.0	-1.38	0.46	3,272.0	-0.77	0.28	649.0	-0.33	0.22	1,694.3	-1.58	0.34	1,045.3	-1.11	0.59	
AXHFFU	1,093.3	-2.19	0.26	2,976.7	-1.33	0.04	556.7	-1.17	0.13	1,556.7	-2.08	1.12	930.0	-1.77	0.41	
B78PYN	2,110.0	0.55	0.77	4,723.3	1.96	1.72	756.7	0.66	0.26	2,376.7	0.88	1.20	1,380.0	0.82	1.34	
CDKWFR	2,077.7	0.46	4.25	3,222.0	-0.87	4.17	2,996.7	21.13X	7.01	2,357.3	0.81	1.83	1,748.0	2.93X	6.73	
CJMCHK	1,919.9	0.03	0.25	3,699.3	0.03	0.04	645.5	-0.36	0.13	2,194.2	0.22	0.19	1,291.3	0.31	0.19	
CV3VKP	1,327.0	-1.56	0.20	3,136.0	-1.03	0.92	619.3	-0.60	0.19	1,722.0	-1.48	0.10	1,021.3	-1.25	0.63	
CWD2GQ	1,903.8	-0.01		3,627.0	-0.10		679.1	-0.05		2,134.2	0.00		1,280.9	0.25		
DR37GM	1,587.1	-0.86	0.37	3,331.3	-0.66	0.52	690.3	0.05	0.25	2,022.2	-0.40	0.52	1,102.7	-0.78	0.30	
DTBJYP	1,963.3	0.15	0.39	3,668.0	-0.03	0.34	688.2	0.03	0.38	2,245.3	0.41	0.61	1,327.0	0.51	0.59	
FFE2DF	1,613.1	-0.79	0.53	3,606.6	-0.14	0.47	654.7	-0.27	0.57	1,870.7	-0.95	0.80	1,122.4	-0.66	0.62	
FGQQMK	2,429.9	1.41		4,802.9	2.11		732.9	0.44		2,298.2	0.60		1,356.9	0.68		
FRA8CK	1,564.2	-0.92	0.35	3,296.3	-0.73	0.25	636.0	-0.44	0.25	2,049.8	-0.30	0.50	1,072.4	-0.95	0.66	
FZ4BJN	1,666.0	-0.65	0.52	3,734.3	0.10	0.63	555.7	-1.18	0.51	2,073.3	-0.22	0.45	1,218.0	-0.11	0.54	
GDKPVL	2,160.0	0.68	1.39	4,170.0	0.92	1.22	804.7	1.10	0.97	2,466.7	1.20	1.28	1,463.3	1.30	1.01	
GN9GMK	1,681.3	-0.61	1.40	3,614.7	-0.13	1.05	680.4	-0.04	1.64	2,053.7	-0.29	1.90	1,118.5	-0.69	2.40	
H9AUVJ	1,954.7	0.13	0.02	3,016.3	-1.25	0.31	700.7	0.15	0.20	2,374.3	0.87	0.18	1,237.3	0.00	0.12	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HBAAXE	1,591.7	-0.85	0.27	3,348.3	-0.63	0.25	784.7	0.91	0.21	1,987.3	-0.53	0.09	1,168.7	-0.40	0.50
HG44YM	1,393.0	-1.39	0.50	3,646.7	-0.07	0.62	694.3	0.09	0.95	1,773.0	-1.30	1.49	1,123.0	-0.66	1.08
HTEERH	2,153.5	0.66	0.83	4,855.1	2.21	0.57	387.2	-2.72	0.10	2,298.2	0.60	0.31	1,285.7	0.27	0.30
HXDN3K	1,668.3	-0.64	0.51	3,690.7	0.02	0.19	810.9	1.15	0.34	1,932.0	-0.73	1.37	1,214.2	-0.14	0.29
HY8GVH	2,053.3	0.39	0.14	4,013.3	0.62	0.11	757.7	0.67	0.08	2,370.0	0.86	0.13	1,433.3	1.12	0.12
JMMRAH	2,599.1	1.86	1.16	5,656.2	3.72X	0.50	518.3	-1.52	4.25	2,902.6	2.78X	1.98	1,836.7	3.44X	0.64
KHNPPF	2,067.3	0.43	0.03	4,116.0	0.82	0.03	727.7	0.39	0.06	2,319.7	0.67	0.03	1,394.7	0.90	0.06
L3Q84A	1,736.0	-0.46	0.06	3,803.0	0.23	0.17	648.3	-0.33	0.23	2,025.0	-0.39	0.08	1,226.0	-0.07	0.32
MLHBPG	1,845.0	-0.17	0.70	3,628.3	-0.10	0.16	609.3	-0.69	0.13	2,109.3	-0.09	0.24	1,241.0	0.02	0.15
NEC2T9	1,661.6	-0.66	0.47	3,510.3	-0.32	0.34	678.3	-0.06	0.24	2,115.7	-0.06	0.51	1,185.4	-0.30	0.40
NQ6HHA	2,222.4	0.85	0.06	3,993.7	0.59	0.23	654.7	-0.27	0.44	2,086.4	-0.17	1.85	1,379.1	0.81	0.32
NVJBHE	1,285.9	-1.67	0.66	2,715.6	-1.82	0.55	794.2	1.00	3.36	1,488.5	-2.33	1.31	917.4	-1.84	0.26
Q6443A	2,003.3	0.26	0.55	3,920.0	0.45	0.53	681.0	-0.03	0.24	2,290.0	0.57	0.59	1,350.7	0.65	1.07
QJZMD7	1,664.0	-0.65	1.35	3,615.3	-0.12	0.27	773.3	0.81	1.58	2,035.7	-0.35	0.24	1,130.0	-0.62	0.45
RLKME8	5,754.7	10.37X	0.51	3,141.1	-1.02	0.28	947.9	2.41	0.32	2,968.1	3.01X	0.42	1,627.3	2.24	0.84
TARMZA	1,266.7	-1.73	0.35	2,866.7	-1.53	0.20	650.0	-0.32		1,583.3	-1.98	1.03	1,016.7	-1.27	0.59
TDQXWA	1,649.3	-0.69	0.91	3,217.3	-0.87	0.99	768.0	0.76	1.46	2,027.7	-0.38	0.36	1,244.7	0.04	1.20
THG979	1,910.4	0.01	0.25	3,879.0	0.37	0.37	433.3	-2.30	0.19	2,159.4	0.10	0.57	1,195.1	-0.25	0.55
TQE348	2,542.3	1.71	0.64	5,324.6	3.09X	0.71	737.7	0.49	0.25	2,667.6	1.93	0.33	1,474.7	1.36	0.19
TUBPVA	1,823.7	-0.22	0.82	3,798.7	0.22	0.15	833.0	1.36	0.50	2,173.7	0.15	0.49	1,298.7	0.35	0.24
UTCQC2	1,695.7	-0.57	0.11	3,763.0	0.15	0.09	829.3	1.32	0.03	1,923.7	-0.76	0.06	1,143.3	-0.54	0.11
VEQX2Y	1,703.3	-0.55	0.49	3,460.6	-0.42	0.05	741.6	0.52	0.89	1,973.8	-0.57	0.19	1,162.3	-0.44	0.30
VX8VP7	1,587.0	-0.86	0.19	3,624.3	-0.11	0.53	603.0	-0.75	0.26	2,045.7	-0.32	0.58	1,239.3	0.01	0.14
WHNRH2	1,928.2	0.06	0.34	3,783.8	0.19	2.09	564.2	-1.10	0.07	2,096.0	-0.13	1.28	1,184.2	-0.31	1.51
WM6UP7	2,145.8	0.64	0.34	4,298.3	1.16	0.55	720.3	0.33	0.10	2,398.0	0.96	0.52	1,378.0	0.80	0.15
WV9DJL	1,915.9	0.02	0.56	3,284.3	-0.75	0.09	609.9	-0.68	0.38	2,254.1	0.44	0.29	1,234.5	-0.02	0.35



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>Y3BZT2</b>	<b>2,265.7</b>	0.97	0.43	<b>4,217.4</b>	1.01	0.40	<b>777.0</b>	0.84	0.15	<b>2,320.6</b>	0.68	0.19	<b>1,487.4</b>	1.43	0.45		
<b>Z4DH63</b>	<b>1,832.3</b>	-0.20	0.13	<b>3,774.7</b>	0.18	0.77	<b>692.7</b>	0.07	0.17	<b>1,943.3</b>	-0.68	0.46	<b>1,133.7</b>	-0.60	0.17		
<b>ZYHN82</b>	<b>1,930.5</b>	0.06	0.29	<b>3,643.7</b>	-0.07	1.44	<b>694.7</b>	0.09	0.77	<b>2,157.7</b>	0.09	0.69	<b>1,323.9</b>	0.49	1.17		
Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups															Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
<b>Grand Median</b>	1,907.1			3,681.7			684.6			2,133.0			1,238.0				
<b>Median Abs Dev</b>	218.6			329.3			57.1			157.0			102.0				
<b>Avg Within Lab SD</b>	81.4			142.4			43.6			74.5			48.8				
<b>Labs Included</b>	54			53			54			53			53				
<b>Labs Reporting</b>	55			55			55			55			55				





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>143.7</b>	0.43	1.87	<b>435.9</b>	0.54	0.91	<b>402.1</b>	0.55	1.05	<b>532.4</b>	0.08	0.96	<b>64.7</b>	0.82	2.21
<b>38BFRZ</b>	<b>131.0</b>	-0.07	0.20	<b>409.7</b>	0.10	0.36	<b>387.0</b>	0.12	2.02	<b>542.3</b>	0.21	0.11	<b>60.0</b>	0.33	0.53
<b>3AVAPZ</b>	<b>152.8</b>	0.78	0.07	<b>472.4</b>	1.15	2.20	<b>406.8</b>	0.68	1.99	<b>571.2</b>	0.61	0.14	<b>67.6</b>	1.11	0.18
<b>3B7CBY</b>	<b>148.5</b>	0.62	0.23	<b>369.7</b>	-0.57	0.63	<b>366.0</b>	-0.49	0.40	<b>547.7</b>	0.29	0.27	<b>66.0</b>	0.94	0.38
<b>66RH9Y</b>	<b>134.4</b>	0.06	0.19	<b>407.5</b>	0.06	0.28	<b>394.4</b>	0.33	0.33	<b>565.8</b>	0.54	0.04	<b>59.5</b>	0.27	0.18
<b>84A99W</b>	<b>146.0</b>	0.52		<b>428.0</b>	0.41		<b>385.0</b>	0.06		<b>543.5</b>	0.23		<b>61.0</b>	0.43	
<b>9WTU7R</b>	<b>165.4</b>	1.28	0.69	<b>470.3</b>	1.11	3.89	<b>434.7</b>	1.49	1.31	<b>588.9</b>	0.85	0.45	<b>68.6</b>	1.21	1.86
<b>9YYC9U</b>	<b>118.5</b>	-0.56	0.06	<b>372.7</b>	-0.52	0.28	<b>337.1</b>	-1.32	0.28	<b>554.3</b>	0.38	0.21	<b>61.3</b>	0.46	0.13
<b>9Z8RBT</b>	<b>184.7</b>	2.03	6.16	<b>478.3</b>	1.25	0.97	<b>393.3</b>	0.30	1.40	<b>574.7</b>	0.66	2.14	<b>83.0</b>	2.71	3.77
<b>AMY7NU</b>	<b>148.3</b>	0.61	0.55	<b>442.9</b>	0.66	0.94	<b>366.8</b>	-0.47	0.93	<b>560.5</b>	0.46	0.96	<b>53.8</b>	-0.32	0.96
<b>AWMXET</b>	<b>110.7</b>	-0.87	0.41	<b>343.3</b>	-1.01	0.26	<b>354.7</b>	-0.82	0.06	<b>426.0</b>	-1.39	0.20	<b>53.7</b>	-0.33	0.15
<b>AXHFFU</b>	<b>79.7</b>	-2.08	0.40	<b>342.7</b>	-1.02	0.28	<b>266.3</b>	-3.36X	0.62	<b>380.3</b>	-2.02	0.53	<b>51.7</b>	-0.54	0.15
<b>B78PYN</b>	<b>150.7</b>	0.70	0.30	<b>496.3</b>	1.55	1.16	<b>420.0</b>	1.06	0.67	<b>611.3</b>	1.16	0.45	<b>62.0</b>	0.53	
<b>CDKWFR</b>	<b>363.7</b>	9.05X	4.89	<b>450.3</b>	0.78	0.28	<b>387.3</b>	0.12	0.69	<b>417.0</b>	-1.52	2.53	<b>498.0</b>	45.68X	8.97
<b>CJMCHK</b>	<b>132.8</b>	0.00	0.04	<b>404.4</b>	0.01	0.00	<b>386.5</b>	0.10	0.88	<b>558.1</b>	0.43	0.06	<b>52.4</b>	-0.46	0.09
<b>CV3VKP</b>	<b>68.2</b>	-2.54	0.69	<b>367.7</b>	-0.60	1.27	<b>391.3</b>	0.24	0.46	<b>456.9</b>	-0.97	0.75	<b>14.5</b>	-4.39X	0.42
<b>CWD2GQ</b>	<b>131.9</b>	-0.04		<b>364.6</b>	-0.65		<b>350.4</b>	-0.94		<b>476.1</b>	-0.70		<b>56.2</b>	-0.07	
<b>DR37GM</b>	<b>110.0</b>	-0.90	0.63	<b>351.1</b>	-0.88	0.68	<b>371.8</b>	-0.32	0.35	<b>497.7</b>	-0.40	0.30	<b>50.7</b>	-0.64	0.38
<b>DTBJYP</b>	<b>133.3</b>	0.02	0.37	<b>391.2</b>	-0.21	0.19	<b>398.4</b>	0.44	0.48	<b>545.4</b>	0.25	0.21	<b>54.4</b>	-0.26	1.00
<b>FFE2DF</b>	<b>111.5</b>	-0.84	0.27	<b>378.6</b>	-0.42	0.20	<b>409.0</b>	0.75	0.12	<b>457.0</b>	-0.97	0.23	<b>48.2</b>	-0.90	0.24
<b>FGQQMK</b>	<b>165.5</b>	1.28		<b>484.2</b>	1.35		<b>414.0</b>	0.89		<b>560.7</b>	0.46		<b>55.5</b>	-0.14	
<b>FRA8CK</b>	<b>118.4</b>	-0.57	0.14	<b>348.7</b>	-0.92	0.24	<b>357.7</b>	-0.73	0.67	<b>478.8</b>	-0.67	0.20	<b>55.0</b>	-0.19	0.23
<b>FZ4BJN</b>	<b>104.3</b>	-1.12	0.40	<b>392.3</b>	-0.19	0.56	<b>339.7</b>	-1.25	0.51	<b>491.7</b>	-0.49	0.41	<b>49.3</b>	-0.78	0.67
<b>GDKPVL</b>	<b>155.0</b>	0.87	0.90	<b>473.7</b>	1.17	0.83	<b>481.0</b>	2.82X	4.35	<b>658.7</b>	1.82	1.16	<b>68.3</b>	1.19	0.31
<b>GN9GMK</b>	<b>130.1</b>	-0.11	0.62	<b>409.5</b>	0.10	0.77	<b>395.7</b>	0.37	1.36	<b>524.4</b>	-0.04	0.62	<b>57.9</b>	0.11	1.49
<b>H9AUVJ</b>	<b>138.3</b>	0.22	0.06	<b>373.3</b>	-0.51	0.57	<b>408.3</b>	0.73	0.51	<b>583.0</b>	0.77	0.20	<b>50.3</b>	-0.68	0.31



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HBAAXE	139.3	0.25	0.30	297.0	-1.78	0.92	312.7	-2.02	0.76	346.3	-2.49	0.47	79.7	2.36	0.15
HG44YM	97.0	-1.41	0.35	328.7	-1.25	0.37	361.3	-0.62	2.14	420.7	-1.47	1.09	49.3	-0.78	1.31
HTEERH	153.2	0.80	0.09	439.9	0.61	0.24	356.5	-0.76	0.57	526.7	0.00	0.07	58.1	0.13	0.11
HXDN3K	108.0	-0.98	0.36	350.4	-0.89	1.05	370.3	-0.37	1.74	467.4	-0.82	0.57	62.6	0.59	0.81
HY8GVH	151.3	0.73	0.06	429.3	0.43	0.40	407.0	0.69		571.0	0.61	0.06	66.5	1.00	0.11
JMMRAH	153.6	0.81	0.19	517.6	1.90	2.39	172.1	-6.07X	3.36	564.6	0.52	0.09	58.9	0.21	2.76
KHNPPF	148.7	0.62	0.15	443.3	0.66	0.09	409.0	0.75	0.22	585.7	0.81	0.04	62.3	0.56	0.07
L3Q84A	123.7	-0.36	0.32	395.7	-0.13	0.38	380.0	-0.09	0.34	480.0	-0.65	0.32	60.1	0.33	0.29
MLHBPG	135.3	0.10	0.54	397.3	-0.11	0.33	360.0	-0.66	0.97	525.0	-0.03	0.21	57.0	0.02	0.27
NEC2T9	107.3	-1.00	0.21	350.9	-0.88	0.33	369.5	-0.39	0.41	485.4	-0.57	0.41	48.6	-0.85	0.43
NQ6HHA	160.9	1.10	0.26	440.4	0.61	0.62	402.4	0.56	0.42	562.0	0.48	0.27	69.8	1.34	0.71
NVJBHE	99.0	-1.33	0.82	308.1	-1.60	0.95	333.3	-1.43	0.93	365.9	-2.22	0.29	50.0	-0.71	0.79
Q6443A	137.0	0.16	0.43	413.3	0.16	0.76	382.7	-0.01	0.96	560.3	0.46	0.40	52.2	-0.48	0.74
QJZMD7	130.3	-0.10	0.44	384.7	-0.32	0.37	392.7	0.28	0.13	511.0	-0.22	0.39	72.0	1.57	0.53
RLKME8	1,269.6	44.58X	1.26	208.2	-3.27X	0.13	218.4	-4.73X	0.27	520.4	-0.09	0.58	224.0	17.31X	0.23
TARMZA	91.7	-1.61	0.28	330.0	-1.23	2.06	378.3	-0.13	1.81	425.0	-1.41	0.85	46.0	-1.12	0.13
TDQXWA	121.7	-0.44	0.80	365.3	-0.64	1.55	416.0	0.95	2.70	527.0	0.00	0.42	61.4	0.47	0.83
THG979	135.2	0.09	0.02	420.4	0.28	0.23	426.2	1.24	0.30	605.2	1.08	0.28	45.1	-1.22	0.37
TQE348	147.0	0.56	0.53	501.5	1.63	0.66	412.2	0.84	0.91	635.1	1.49	0.36	56.9	0.00	0.04
TUBPVA	122.7	-0.40	0.93	411.0	0.12	0.29	437.7	1.57	0.39	534.7	0.11	0.43	50.0	-0.71	1.60
UTCQC2	114.0	-0.74	0.08	356.0	-0.80	0.09	352.0	-0.89	0.04	516.8	-0.14	5.56	55.8	-0.11	0.08
VEQX2Y	129.9	-0.12	0.22	386.6	-0.28	0.19	430.1	1.36	0.26	505.2	-0.30	0.23	65.1	0.85	0.41
VX8VP7	112.0	-0.82	0.39	403.0	-0.01	0.14	331.0	-1.50	0.30	525.7	-0.02	0.30	53.3	-0.36	0.15
WHNRH2	139.1	0.25	0.12	442.0	0.64	0.64	363.7	-0.56	0.49	560.8	0.47	0.29	56.8	0.00	1.11
WM6UP7	130.8	-0.08	0.38	407.4	0.06	1.11	359.9	-0.66	1.05	535.3	0.11	0.22	47.1	-1.01	0.78
WV9DJL	156.3	0.92	0.28	422.5	0.32	0.50	362.8	-0.58	0.68	517.6	-0.13	0.41	62.9	0.63	1.32



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Y3BZT2</b>	<b>144.2</b>	0.45	0.44	<b>443.6</b>	0.67	0.37	<b>382.4</b>	-0.02	0.09	<b>577.5</b>	0.70	0.09	<b>44.8</b>	-1.25	0.51	
<b>Z4DH63</b>	<b>130.3</b>	-0.10	0.15	<b>399.0</b>	-0.08	0.42	<b>383.0</b>	0.00	0.51	<b>470.3</b>	-0.78	0.24	<b>55.3</b>	-0.16	0.15	
<b>ZYHN82</b>	<b>123.7</b>	-0.36	0.47	<b>367.9</b>	-0.60	1.47	<b>351.3</b>	-0.91	1.50	<b>486.8</b>	-0.55	0.07	<b>48.7</b>	-0.85	0.25	
Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	132.8			403.7			383.0			527.0			56.9			
<b>Median Abs Dev</b>	15.5			36.5			23.0			38.8			5.6			
<b>Avg Within Lab SD</b>	10.2			12.6			8.9			31.2			3.8			
<b>Labs Included</b>	53			54			51			55			52			
<b>Labs Reporting</b>	55			55			55			55			55			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups																Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2QMUQU	17.3	1.26	3.60	14.6	1.16	3.85	38.1	1.73	3.74	15.3	1.06	0.99	18.4	2.33	5.99			
38BFRZ	18.0	1.45	0.73	10.0	-0.04		27.7	-0.49	2.80	22.0	2.82	4.88	18.0	2.23	0.99			
3AVAPZ	11.5	-0.41		8.4	-0.44	1.12	32.2	0.48	1.17	10.7	-0.13	0.93	7.7	-0.54	0.66			
3B7CBY	10.3	-0.75	0.07	6.2	-1.02	0.06	30.4	0.09	0.40	7.1	-1.08	0.06	5.0	-1.25	0.05			
66RH9Y	12.9	0.00	0.14	7.2	-0.77	0.12	33.6	0.78	0.04	9.8	-0.37	0.04	9.3	-0.10	0.20			
84A99W	15.0	0.59		12.5	0.61		29.0	-0.20		13.0	0.46		10.5	0.22				
9WTU7R	16.9	1.13	0.97	10.0	-0.04	1.12	28.4	-0.34	0.67	16.1	1.27	0.00	13.0	0.90	0.66			
9YYC9U	15.7	0.79	0.33	11.7	0.41	0.21	29.9	-0.02	0.38	13.1	0.50	0.18	10.4	0.18	0.12			
9Z8RBT	11.7	-0.36	0.99	6.7	-0.89	1.36	24.5	-1.17	0.64	7.3	-1.03	1.19	5.9	-1.00	0.49			
AMY7NU	11.6	-0.37	0.37	7.7	-0.63	0.35	30.6	0.14	0.72	10.9	-0.09	0.34	5.6	-1.08	0.16			
AWMXET	13.9	0.28	0.26	10.8	0.16	0.05	29.2	-0.16	0.09	11.8	0.15	0.07	9.9	0.05	0.03			
AXHFFU	10.7	-0.64	0.42	13.0	0.74		21.0	-1.90	0.51	12.7	0.38	0.40	10.3	0.18	0.29			
CDKWFR	16.7	1.07	0.42	10.7	0.14	1.29	30.7	0.15	0.78	12.0	0.20	0.70	16.0	1.70	0.50			
CJMCHK	8.4	-1.28	0.02	5.1	-1.30	0.11	25.0	-1.05	0.23	6.9	-1.13	0.04	4.4	-1.42	0.00			
CV3VKP	64.5	14.73X	5.85	59.3	12.69X	2.71	85.7	11.85X	0.72	53.3	11.00X	1.67	51.5	11.23X	2.32			
CWD2GQ	16.9	1.14		14.1	1.02		32.9	0.63		15.0	1.00		13.2	0.93				
DR37GM	12.7	-0.06	0.13	10.4	0.07	0.10	30.0	0.00	0.29	12.2	0.26	0.14	9.8	0.04	0.06			
DTBJYP	11.9	-0.30	0.21	8.1	-0.52	0.24	30.4	0.09	0.38	9.8	-0.37	0.42	8.1	-0.43	0.14			
FFE2DF	8.4	-1.29	0.90	6.1	-1.04	0.19	27.5	-0.52	0.23	5.5	-1.48	0.87	5.3	-1.17	0.39			
FGQQMK	74.8	17.67X		17.4	1.86		52.8	4.85X		54.5	11.31X		30.9	5.70X				
FRA8CK	12.4	-0.15	0.09	10.1	0.00	0.08	28.4	-0.33	0.13	11.3	0.03	0.13	10.1	0.11	0.11			
FZ4BJN	12.0	-0.26	0.73	10.3	0.05	0.97	27.3	-0.56	1.28	11.7	0.12	1.07	9.0	-0.18	0.50			
GDKPVL	13.8	0.26	1.55	8.0	-0.54	0.49	34.6	0.99	1.71	10.8	-0.12	1.03	9.7	0.01	1.38			
GN9GMK	12.4	-0.16	1.87	8.0	-0.56	1.57	28.3	-0.35	0.95	9.5	-0.46	0.48	7.4	-0.61	0.86			
H9AUVJ	8.0	-1.40		3.0	-1.84		28.7	-0.27	0.29	7.0	-1.10		3.0	-1.79				
HG44YM	11.1	-0.51	0.30	10.5	0.09	0.77	25.0	-1.05	0.71	10.1	-0.29	0.55	9.7	0.01	0.47			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HTEERH	15.5	0.74	0.15	14.2	1.05	0.02	6.2	-5.05X	0.06	18.4	1.88	0.21	9.3	-0.09	0.18	
HXDN3K	13.2	0.07	1.06	10.3	0.05	0.43	32.7	0.58	1.71	10.8	-0.12	0.77	10.6	0.24	0.61	
HY8GVH	20.1	2.04	0.42	16.4	1.61	0.18	37.9	1.69	0.28	16.5	1.37	0.29	14.5	1.30	0.15	
JMMRAH	55.5	12.16X	3.32	42.4	8.33X	2.48	60.9	6.58X	2.95	39.9	7.50X	0.64	39.7	8.05X	1.89	
KHNPPF	10.3	-0.75	0.03	7.5	-0.69	0.03	30.6	0.14	0.06	7.8	-0.89	0.05	5.3	-1.17	0.03	
MLHBPG	14.0	0.31	0.73	13.0	0.74	0.84	29.0	-0.20	0.51	13.7	0.64	0.81	10.3	0.18	0.29	
NEC2T9	12.8	-0.04	0.07	10.8	0.16	0.11	30.4	0.09	0.24	12.1	0.24	0.14	10.0	0.08	0.08	
NQ6HHA	14.9	0.56	0.29	10.0	-0.04	0.15	28.8	-0.24	0.03	11.1	-0.04	0.10	10.7	0.28	0.14	
NVJBHE	14.0	0.30	0.72	13.4	0.84	1.91	33.6	0.77	1.21	12.7	0.39	0.82	10.4	0.19	0.11	
Q6443A	11.4	-0.43	3.24	5.9	-1.09	1.43	25.1	-1.03	1.16	6.9	-1.12	0.80	4.7	-1.34	0.63	
QJZMD7	12.6	-0.08	0.18	11.1	0.25	0.66	31.7	0.36	0.77	12.7	0.38	1.04	8.4	-0.36	0.08	
RLKME8	9.5	-0.96	0.10	19.9	2.52	0.17	41.6	2.47	0.03	163.8	39.86X	0.77	4.8	-1.32	0.31	
TARMZA	10.0	-0.83		9.3	-0.21	1.60	28.7	-0.27	1.06	9.8	-0.36	1.01	8.7	-0.27	0.38	
THG979	14.1	0.35	0.35	10.1	0.00	0.32	30.0	0.00	0.23	11.7	0.12	0.09	9.3	-0.10	0.09	
TUBPVA	8.6	-1.25	0.92	7.3	-0.73	1.61	30.4	0.09	0.79	6.2	-1.31	0.92	5.3	-1.17	0.44	
UTCQC2	13.4	0.14	0.07	8.8	-0.35	0.11	23.0	-1.48	0.07	10.1	-0.30	0.10	9.7	-0.01	0.17	
VEQX2Y	13.2	0.08	0.16	9.8	-0.09	0.52	31.7	0.38	0.06	10.9	-0.07	0.20	9.7	0.00	0.17	
VX8VP7	17.0	1.17	1.46	13.3	0.82	1.29	35.7	1.21	1.06	15.7	1.16	2.01	12.3	0.71	0.76	
WHNRH2	15.4	0.70	0.07	10.2	0.02	0.52	28.0	-0.41	0.58	13.0	0.46	1.13	8.8	-0.23	0.33	
WM6UP7	9.1	-1.09	0.46	1.6	-2.19	0.14	23.1	-1.46	0.48	5.3	-1.56	0.30	1.8	-2.11	0.05	
WV9DJL	14.7	0.51	0.98	20.8	2.75X	2.20	43.5	2.87	0.95	11.1	-0.03	0.22	9.8	0.02	0.21	
Y3BZT2	19.5	1.89	0.31	12.3	0.57	0.47	36.2	1.32	0.05	15.7	1.17	0.20	10.8	0.31	0.24	
Z4DH63	14.0	0.31		12.0	0.48	0.84	31.7	0.36	0.29	12.7	0.38	0.40	11.3	0.44	0.29	
ZYHN82	8.8	-1.18	0.30	5.3	-1.24	0.04	29.4	-0.12	0.82	6.9	-1.13	0.06	4.8	-1.31	0.10	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	12.9	10.1	30.0	11.2	9.68	
<b>Median Abs Dev</b>	2.0	2.2	1.9	1.6	1.33	
<b>Avg Within Lab SD</b>	1.4	1.2	2.0	1.4	2.02	
<b>Labs Included</b>	47	47	46	46	47	
<b>Labs Reporting</b>	50	50	50	50	50	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>HG44YM</b>	<b>78.0</b>		1.10	<b>59.3</b>		1.71	<b>121.0</b>		1.67	<b>197.3</b>		1.65	<b>55.3</b>		1.71			
<b>HRP4WJ</b>	<b>75.1</b>		1.03	<b>64.4</b>		0.29	<b>132.4</b>		0.44	<b>232.0</b>		0.54	<b>65.8</b>		0.27			
<b>UTCQC2</b>	<b>84.4</b>		0.85	<b>62.7</b>		0.06	<b>122.1</b>		0.08	<b>198.1</b>		0.04	<b>68.0</b>		0.10			
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	78.0			62.7			122.1			198.1			65.8					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	1.6			2.6			4.7			7.6			3.6					
<b>Labs Included</b>	3			3			3			3			3					
<b>Labs Reporting</b>	3			3			3			3			3					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups

**Data units: mg/kg**

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>CV3VKP</b>	<b>93.1</b>		1.29	<b>76.4</b>		1.16	<b>194.5</b>		1.39	<b>243.1</b>		1.24	<b>71.5</b>		1.11
<b>H9AUVJ</b>	<b>106.7</b>		0.58	<b>77.0</b>		0.80	<b>160.3</b>		0.28	<b>249.7</b>		0.68	<b>72.7</b>		0.87

### K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups

**Data units: mg/kg**

	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	99.9			76.7			177.4			246.4			72.1		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.0			2.5			2.0			4.7			1.7		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>4VT6VT</b>	<b>183.7</b>		1.00	<b>121.3</b>		1.00	<b>219.3</b>		1.00	<b>492.3</b>		1.00	<b>115.3</b>		1.00			
<b>FGQQMK</b>	<b>72.8</b>			<b>57.1</b>			<b>148.0</b>			<b>180.0</b>			<b>55.7</b>					

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	128.2			89.2			183.7			336.2			85.5					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	1.5			1.2			0.6			6.4			0.6					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4VT6VT</b>	<b>2,868.0</b>		1.00	<b>5,613.3</b>		1.00	<b>1,060.3</b>		1.00	<b>3,339.0</b>		1.00	<b>2,004.0</b>		1.00

### Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups

Data units: mg/kg

	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	2,868.0	5,613.3	1,060.3	3,339.0	2,004.0
<b>Median Abs Dev</b>					
<b>Avg Within Lab SD</b>	24.3	17.8	11.5	37.3	24.0
<b>Labs Included</b>	1	1	1	1	1
<b>Labs Reporting</b>	1	1	1	1	1



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4VT6VT</b>	<b>219.7</b>		1.00	<b>490.3</b>		1.00	<b>486.0</b>		1.00	<b>482.3</b>		1.00	<b>96.3</b>		1.00			
<b>FGQQMK</b>	<b>107.0</b>			<b>377.0</b>			<b>404.0</b>			<b>494.0</b>			<b>47.2</b>					

Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	163.3			433.7			445.0			488.2			71.8					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	2.9			1.5			1.7			1.5			1.5					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>4VT6VT</b>	<b>1.20</b>		1.00	<b>0.20</b>		1.00	<b>1.53</b>		1.00	<b>1.30</b>		1.00	<b>0.30</b>		1.00			

Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	1.20			0.20			1.53			1.30			0.30					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.00			0.00			0.40			0.00			0.00					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>4VT6VT</b>	<b>0.40</b>		1.00	<b>0.10</b>		1.00	<b>0.10</b>		1.00	<b>0.10</b>		1.00	<b>0.10</b>		1.00			

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	0.40			0.10			0.10			0.10			0.10					
<b>Median Abs Dev</b>	0.00			0.00			0.00			0.00			0.00					
<b>Avg Within Lab SD</b>	0.00			0.00			0.00			0.00			0.00					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>4VT6VT</b>	<b>8.60</b>		1.00	<b>1.53</b>		1.00	<b>26.97</b>		1.00	<b>126.50</b>		1.00	<b>14.57</b>		1.00			

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	8.60			1.53			27.0			126.5			14.6					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.17			0.06			0.4			0.8			0.2					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>F84YTF</b>	<b>7.73</b>	0.43	0.99	<b>1.44</b>		0.00	<b>110.16</b>	0.00	0.55	<b>14.98</b>	0.00	0.64	<b>2.10</b>		0.40
<b>GDKPVL</b>	<b>7.09</b>	0.04	1.13				<b>102.67</b>	-0.58	0.73	<b>17.67</b>	0.72	1.31			
<b>GN9GMK</b>	<b>4.68</b>	-1.45	1.56	<b>2.16</b>		1.94	<b>112.77</b>	0.20	1.41	<b>13.76</b>	-0.33	0.93	<b>1.12</b>		0.35
<b>H9AUVJ</b>	<b>7.03</b>	0.00	0.16	<b>1.67</b>		0.38	<b>123.93</b>	1.07	1.25	<b>19.97</b>	1.34	1.42	<b>2.07</b>		1.92
<b>TQE348</b>	<b>23.46</b>	10.16X	0.00				<b>410.53</b>	23.40X	1.93	<b>74.29</b>	15.98X	5.60			
<b>XMJPMY</b>	<b>4.69</b>	-1.45	0.54	<b>0.41</b>		0.31	<b>90.75</b>	-1.51	0.79	<b>11.35</b>	-0.98	0.06	<b>0.36</b>		0.16

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg	
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	7.03			1.55			110.2			15.0			1.59		
<b>Median Abs Dev</b>	0.70						7.5			2.7					
<b>Avg Within Lab SD</b>	0.36			0.15			2.9			1.0			0.26		
<b>Labs Included</b>	5			4			5			5			4		
<b>Labs Reporting</b>	6			4			6			6			4		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DTBJYP</b>	<b>11.5</b>	0.00	0.23	<b>39.1</b>	0.00	0.23	<b>16.4</b>	0.00	1.53	<b>18.7</b>	0.00	0.02	<b>4.5</b>	0.00	0.94	
<b>TARMZA</b>	<b>10.9</b>	-0.09	0.85	<b>32.2</b>	-0.37	1.09	<b>13.3</b>	-0.54	0.60	<b>15.3</b>	-0.32	0.26	<b>3.6</b>	-0.31	0.34	
<b>TRQM64</b>	<b>25.0</b>	1.94	1.97	<b>64.2</b>	1.37	1.90	<b>28.5</b>	2.10	1.33	<b>35.5</b>	1.62	2.14	<b>10.9</b>	2.19	1.93	
<b>WBBHB9</b>	<b>9.2</b>	-0.32	0.32	<b>24.0</b>	-0.82	0.25	<b>14.7</b>	-0.30	0.54	<b>14.7</b>	-0.38	0.55	<b>4.2</b>	-0.11	0.21	
<b>XMJPMY</b>	<b>18.7</b>	1.03	0.47	<b>53.9</b>	0.81	0.31	<b>18.9</b>	0.44	0.47	<b>29.6</b>	1.05	0.23	<b>6.7</b>	0.77	0.48	
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	11.5			39.1			16.4			18.7			4.50			
<b>Median Abs Dev</b>	2.2			14.9			2.5			3.9			0.89			
<b>Avg Within Lab SD</b>	0.8			1.2			0.5			1.0			0.29			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DTBJYP</b>	<b>70.1</b>	-0.13	0.54	<b>57.1</b>	0.20	0.90	<b>126.9</b>	0.00	0.51	<b>153.3</b>	-0.77	0.45	<b>53.0</b>	0.00	0.33	
<b>TARMZA</b>	<b>71.3</b>	0.00	1.85	<b>48.6</b>	-1.03	1.05	<b>118.7</b>	-0.78	1.88	<b>138.8</b>	-1.45	1.65	<b>45.8</b>	-0.89	0.78	
<b>TRQM64</b>	<b>85.8</b>	1.60	0.40	<b>69.9</b>	2.03	1.36	<b>146.0</b>	1.84	0.69	<b>188.9</b>	0.92	0.67	<b>62.7</b>	1.21	1.88	
<b>WBBHB9</b>	<b>85.2</b>	1.53	0.95	<b>55.7</b>	0.00	0.24	<b>128.5</b>	0.16	0.62	<b>174.6</b>	0.24	1.26	<b>60.9</b>	0.98	0.48	
<b>XMJPMY</b>	<b>70.3</b>	-0.10	0.49	<b>54.9</b>	-0.12	1.09	<b>120.8</b>	-0.58	0.60	<b>169.5</b>	0.00	0.24	<b>50.6</b>	-0.29	0.71	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	71.3			55.7			126.9			169.5			53.0			
<b>Median Abs Dev</b>	1.2			1.4			6.1			16.2			7.2			
<b>Avg Within Lab SD</b>	3.1			0.9			4.4			3.5			1.3			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DTBJYP</b>	<b>1,495.4</b>	-0.21	0.07	<b>3,735.3</b>	-0.56	0.24	<b>665.6</b>	<b>X</b>	0.44	<b>1,399.5</b>	-0.81	0.02	<b>1,087.8</b>	-0.18	0.47	
<b>TARMZA</b>	<b>1,372.3</b>	-0.62	1.42	<b>3,444.0</b>	-1.18	1.08	<b>663.2</b>		1.86	<b>1,367.3</b>	-0.96	0.31	<b>1,036.0</b>	-0.46	0.85	
<b>TRQM64</b>	<b>1,928.8</b>	1.22	0.63	<b>4,730.3</b>	1.57	1.87	<b>809.9</b>		0.42	<b>1,855.9</b>	1.28	1.78	<b>1,366.9</b>	1.30	1.90	
<b>WBBHB9</b>	<b>1,960.6</b>	1.33	1.57	<b>3,995.9</b>	0.00	0.41	<b>680.5</b>		0.56	<b>1,644.2</b>	0.31	1.25	<b>1,391.3</b>	1.43	0.39	
<b>XMJPMY</b>	<b>1,558.7</b>	0.00	0.34	<b>4,024.0</b>	0.06	0.32	<b>648.0</b>		0.25	<b>1,576.7</b>	0.00	0.41	<b>1,122.0</b>	0.00	0.54	

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	1,558.7			3,995.9			671.8			1,576.7			1,122.0			
<b>Median Abs Dev</b>	186.3			260.6						177.1			86.0			
<b>Avg Within Lab SD</b>	35.1			88.5			30.4			28.0			25.5			
<b>Labs Included</b>	5			5			4			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DTBJYP</b>	<b>95.6</b>	-0.25	1.01	<b>380.2</b>	0.00	0.37	<b>340.6</b>	0.00	0.23	<b>360.7</b>	0.00	0.07	<b>55.2</b>	0.48	0.08	
<b>TARMZA</b>	<b>89.6</b>	-0.52	0.76	<b>339.0</b>	-0.59	0.11	<b>332.0</b>	-0.21	2.10	<b>329.1</b>	-0.49	1.69	<b>44.5</b>	-1.07	1.33	
<b>TRQM64</b>	<b>121.0</b>	0.88	0.50	<b>485.2</b>	1.50	2.17	<b>402.5</b>	1.51	0.40	<b>446.7</b>	1.34	1.18	<b>51.9</b>	0.00	1.64	
<b>WBBHB9</b>	<b>139.8</b>	1.72	1.59	<b>444.2</b>	0.92	0.33	<b>362.4</b>	0.53	0.47	<b>438.7</b>	1.22	0.86	<b>59.1</b>	1.04	0.48	
<b>XMJPMY</b>	<b>101.2</b>	0.00	0.79	<b>355.0</b>	-0.36	0.24	<b>294.9</b>	-1.12	0.37	<b>340.4</b>	-0.32	0.10	<b>46.5</b>	-0.79	0.56	
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	101.2			380.2			340.6			360.7			51.9			
<b>Median Abs Dev</b>	11.6			41.2			21.8			31.6			5.4			
<b>Avg Within Lab SD</b>	2.5			11.5			13.8			10.0			1.1			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>84A99W</b>	<b>18.4</b>	0.07	0.00	<b>11.1</b>	0.18	0.00	<b>49.1</b>	0.00	0.00	<b>138.0</b>	-0.11	0.00	<b>29.1</b>	0.07	0.00	
<b>DTBJYP</b>	<b>13.2</b>	-1.11	0.66	<b>9.5</b>	-0.18	0.07	<b>39.8</b>	-1.09	1.40	<b>124.2</b>	-0.78	0.15	<b>22.7</b>	-0.92	0.03	
<b>TARMZA</b>	<b>13.5</b>	-1.05	1.43	<b>7.6</b>	-0.57	0.34	<b>45.1</b>	-0.47	0.80	<b>113.1</b>	-1.31	1.98	<b>23.0</b>	-0.87	1.72	
<b>TRQM64</b>	<b>24.5</b>	1.46	1.55	<b>17.8</b>	1.56	2.34	<b>69.9</b>	2.41	0.93	<b>168.8</b>	1.37	0.80	<b>37.8</b>	1.43	1.62	
<b>WBBHB9</b>	<b>19.4</b>	0.29	0.98	<b>6.7</b>	-0.75	0.22	<b>49.2</b>	0.00	1.01	<b>148.0</b>	0.37	0.81	<b>33.1</b>	0.69	0.14	
<b>XMJPMY</b>	<b>17.8</b>	-0.07	0.38	<b>14.2</b>	0.81	0.59	<b>49.7</b>	0.07	1.23	<b>142.7</b>	0.11	0.87	<b>28.2</b>	-0.07	0.63	

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	<b>Grand Median</b>	18.1			10.3			49.2			140.4			28.7		
<b>Median Abs Dev</b>	2.9			3.2			2.3			11.9			5.0			
<b>Avg Within Lab SD</b>	0.8			0.5			0.9			3.9			1.0			
<b>Labs Included</b>	6			6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			6			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>84A99W</b>	<b>2.97</b>	0.00	0.00	<b>1.55</b>	-0.15	0.00	<b>2.67</b>	-0.92	0.00	<b>2.04</b>	-0.64	0.00	<b>1.02</b>	-0.98	0.00	
<b>DTBJYP</b>	<b>2.66</b>	-0.65	0.05	<b>1.68</b>	0.15	0.00	<b>2.95</b>	0.14	1.34	<b>2.19</b>	-0.37	1.10	<b>1.25</b>	0.05	1.90	
<b>TARMZA</b>	<b>2.30</b>	-1.39	2.18	<b>1.31</b>	-0.70	0.88	<b>2.55</b>	-1.39	1.23	<b>1.79</b>	-1.09	1.28	<b>0.84</b>	-1.80	0.13	
<b>TRQM64</b>	<b>3.52</b>	1.14	0.50	<b>2.31</b>	1.59	1.59	<b>3.32</b>	1.56	0.75	<b>2.97</b>	1.06	1.19	<b>1.46</b>	1.00	1.40	
<b>WBBHB9</b>	<b>3.38</b>	0.85	0.74	<b>1.37</b>	-0.56	0.82	<b>2.92</b>	0.02	1.36	<b>2.59</b>	0.37	1.22	<b>1.28</b>	0.17	0.44	
<b>XMJPMY</b>	<b>2.97</b>	0.00	0.66	<b>2.01</b>	0.91	1.42	<b>2.91</b>	-0.02	0.53	<b>2.68</b>	0.53	0.50	<b>1.23</b>	-0.05	0.48	

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	2.97			1.62			2.91			2.39			1.24			
<b>Median Abs Dev</b>	0.36			0.27			0.14			0.32			0.13			
<b>Avg Within Lab SD</b>	0.11			0.04			0.17			0.05			0.04			
<b>Labs Included</b>	6			6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			6			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>1.11</b>	1.23	0.00	<b>1.15</b>	0.95	0.00	<b>1.16</b>	0.00	0.00	<b>1.09</b>	0.90	0.00	<b>1.13</b>	1.04	0.00
<b>9TTHAR</b>	<b>1.09</b>	1.12	2.53	<b>1.16</b>	0.97	2.18	<b>1.24</b>	0.60	0.19	<b>1.09</b>	0.92	2.66	<b>1.17</b>	1.33	1.92
<b>9Z8RBT</b>	<b>0.96</b>	0.31	0.20	<b>1.09</b>	0.52	1.72	<b>0.91</b>	-1.98	2.99	<b>1.02</b>	0.30	0.31	<b>1.05</b>	0.52	1.76
<b>AWMXET</b>	<b>0.91</b>	0.00	0.32	<b>1.01</b>	-0.08	0.43	<b>1.16</b>	0.00	0.02	<b>1.01</b>	0.15	0.76	<b>0.96</b>	-0.08	0.24
<b>BQTMDDT</b>	<b>0.91</b>	0.00		<b>1.03</b>	0.08		<b>1.17</b>	0.06		<b>0.97</b>	-0.18		<b>0.99</b>	0.08	
<b>CJMCHK</b>	<b>0.84</b>	-0.41	0.70	<b>1.00</b>	-0.11	0.89	<b>1.17</b>	0.08	0.13	<b>0.97</b>	-0.15	0.62	<b>0.92</b>	-0.40	0.90
<b>TL2339</b>	<b>0.77</b>	-0.85	1.40	<b>0.87</b>	-1.05	0.43	<b>1.03</b>	-1.01	0.03	<b>0.87</b>	-1.05	0.62	<b>0.85</b>	-0.89	0.34
<b>TRQM64</b>	<b>1.17</b>	1.63	0.19	<b>1.24</b>	1.55	0.18	<b>1.33</b>	1.28	0.05	<b>1.13</b>	1.23	0.55	<b>1.14</b>	1.17	1.03
<b>VEQX2Y</b>	<b>0.77</b>	-0.87	0.00	<b>0.92</b>	-0.72	0.25	<b>1.04</b>	-0.96	0.05	<b>0.87</b>	-1.08	0.30	<b>0.84</b>	-0.91	0.34
<b>Z72TY2</b>	<b>0.86</b>	-0.31	0.00	<b>0.92</b>	-0.72	0.25	<b>1.07</b>	-0.76	0.04	<b>0.90</b>	-0.81	0.27	<b>0.93</b>	-0.33	0.17

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups						Data units: g/cm3	
	SRS2411		SRS2412		SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	0.91		1.02		1.16	0.99	0.97
<b>Median Abs Dev</b>	0.10		0.10		0.09	0.09	0.10
<b>Avg Within Lab SD</b>	0.03		0.02		0.19	0.02	0.02
<b>Labs Included</b>	10		10		10	10	10
<b>Labs Reporting</b>	10		10		10	10	10



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>AWMXET</b>	<b>37.7</b>	1.48	0.35	<b>28.0</b>	1.85		<b>8.0</b>	2.31		<b>29.0</b>	1.42		<b>11.0</b>	1.50		
<b>AXHFFU</b>	<b>31.4</b>	0.87	0.28	<b>22.8</b>	0.00	0.14	<b>7.1</b>	1.40	0.72	<b>18.7</b>	-1.15	0.53	<b>7.4</b>	0.07	0.35	
<b>MLHBPG</b>	<b>21.5</b>	-0.10	0.22	<b>26.2</b>	1.22	0.57	<b>5.6</b>	-0.16	0.40	<b>26.2</b>	0.72	0.29	<b>6.9</b>	-0.13	0.12	
<b>QJZMD7</b>	<b>22.0</b>	-0.05		<b>23.0</b>	0.08	0.92	<b>6.3</b>	0.57	2.01	<b>23.3</b>	0.00	0.45	<b>7.3</b>	0.05	0.68	
<b>TDQXWA</b>	<b>23.0</b>	0.05	1.10	<b>22.2</b>	-0.20	2.11	<b>5.7</b>	-0.09	0.93	<b>24.9</b>	0.40	2.31	<b>7.1</b>	-0.05	0.62	
<b>VVCGUZ</b>	<b>19.8</b>	-0.27	0.18	<b>20.1</b>	-0.93	0.50	<b>5.8</b>	0.00	0.26	<b>21.6</b>	-0.42	0.31	<b>6.4</b>	-0.34	0.00	
<b>X6FA2X</b>	<b>21.4</b>	-0.11	0.38	<b>21.5</b>	-0.44	0.29	<b>5.6</b>	-0.19	0.60	<b>20.9</b>	-0.61	0.13	<b>6.5</b>	-0.30	0.07	
<b>XT7TD2</b>	<b>47.7</b>	2.46	2.32	<b>47.7</b>	8.82X	1.06	<b>15.3</b>	9.95X	8.03	<b>46.7</b>	5.83X	1.62	<b>14.7</b>	2.96	2.45	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups										Data units: mg/kg					
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	22.5			22.8			5.79			23.3			7.22		
<b>Median Abs Dev</b>	1.9			1.2			0.19			2.4			0.53		
<b>Avg Within Lab SD</b>	1.6			1.1			0.29			1.3			0.85		
<b>Labs Included</b>	8			7			7			7			8		
<b>Labs Reporting</b>	8			8			8			8			8		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>48.6</b>	0.37	1.85	<b>32.1</b>	-0.26	0.12	<b>9.2</b>	0.37	1.54	<b>33.3</b>	-0.18	0.38	<b>13.5</b>	0.05	0.95	
<b>2QMUQU</b>	<b>47.1</b>	0.24	4.71	<b>31.9</b>	-0.30	3.24	<b>9.7</b>	0.95	3.76	<b>36.2</b>	0.53	2.34	<b>17.2</b>	1.37	3.70	
<b>362FMT</b>	<b>51.2</b>	0.59	0.14	<b>35.3</b>	0.38	0.08	<b>8.9</b>	0.00	0.05	<b>37.6</b>	0.85	0.15	<b>15.5</b>	0.77	0.42	
<b>3AVAPZ</b>	<b>44.2</b>	-0.01	0.86	<b>35.7</b>	0.47	1.22	<b>8.8</b>	-0.09	0.58	<b>36.3</b>	0.56	1.05	<b>13.3</b>	0.00	0.45	
<b>7G2HEQ</b>	<b>39.3</b>	-0.42	0.18	<b>40.5</b>	1.47	0.39	<b>8.8</b>	-0.13	0.40	<b>27.2</b>	-1.64	0.60	<b>11.9</b>	-0.49	0.65	
<b>99HTTN</b>	<b>49.3</b>	0.43	0.22	<b>35.7</b>	0.47	0.46	<b>8.7</b>	-0.29	1.16	<b>35.7</b>	0.40	0.52	<b>14.7</b>	0.47	0.91	
<b>9DDK6Q</b>	<b>66.3</b>	1.87	0.03	<b>32.7</b>	-0.14	0.24	<b>10.4</b>	1.74	0.95	<b>35.8</b>	0.42	0.11	<b>19.7</b>	2.23	0.64	
<b>9TTHAR</b>	<b>31.5</b>	-1.08	0.30	<b>30.6</b>	-0.57	1.75	<b>7.7</b>	-1.41	0.46	<b>31.0</b>	-0.73	0.84	<b>12.2</b>	-0.41	0.50	
<b>9Z8RBT</b>	<b>42.5</b>	-0.14	1.67	<b>35.1</b>	0.35	3.10	<b>8.5</b>	-0.49	1.31	<b>35.3</b>	0.30	1.30	<b>15.8</b>	0.85	2.33	
<b>AMY7NU</b>	<b>30.3</b>	-1.18	0.68	<b>30.1</b>	-0.68	1.01	<b>8.0</b>	-1.05	0.33	<b>31.4</b>	-0.63	0.49	<b>12.8</b>	-0.18	1.61	
<b>AWMXET</b>	<b>45.5</b>	0.10	0.29	<b>34.2</b>	0.17	0.49	<b>9.5</b>	0.75	0.23	<b>34.4</b>	0.10	0.58	<b>13.4</b>	0.03	0.36	
<b>BCTKWL</b>	<b>49.4</b>	0.44	0.33	<b>34.8</b>	0.29	0.27	<b>8.3</b>	-0.69	0.36	<b>35.3</b>	0.31	0.36	<b>14.0</b>	0.22	0.19	
<b>BQTMDT</b>	<b>43.6</b>	-0.05		<b>29.6</b>	-0.79		<b>8.0</b>	-1.04		<b>34.8</b>	0.19		<b>13.3</b>	-0.01		
<b>CJMCHK</b>	<b>44.6</b>	0.03	0.18	<b>37.5</b>	0.84	0.21	<b>9.0</b>	0.12	0.27	<b>34.3</b>	0.07	0.11	<b>13.8</b>	0.17	0.14	
<b>CWD2GQ</b>	<b>34.2</b>	-0.85		<b>50.5</b>	3.53X		<b>15.8</b>	8.27X		<b>32.5</b>	-0.37		<b>9.9</b>	-1.21		
<b>DR37GM</b>	<b>61.2</b>	1.43	0.50	<b>33.5</b>	0.02	0.62	<b>8.8</b>	-0.09	0.05	<b>39.6</b>	1.35	0.39	<b>19.4</b>	2.13	0.66	
<b>DTBJYP</b>	<b>29.3</b>	-1.26	0.47	<b>28.5</b>	-1.02	0.50	<b>9.1</b>	0.23	1.27	<b>29.0</b>	-1.20	0.43	<b>12.7</b>	-0.21	0.80	
<b>EAXY2L</b>	<b>29.6</b>	-1.24	0.14	<b>30.0</b>	-0.71	0.16	<b>9.4</b>	0.64	0.57	<b>28.6</b>	-1.31	0.16	<b>13.3</b>	-0.01	0.13	
<b>F84YTF</b>	<b>44.3</b>	0.01	0.77	<b>36.5</b>	0.65	0.43	<b>8.6</b>	-0.33	0.17	<b>35.8</b>	0.43	0.43	<b>16.0</b>	0.93	0.95	
<b>FFE2DF</b>	<b>29.4</b>	-1.26	0.35	<b>29.9</b>	-0.72	0.19	<b>7.6</b>	-1.54	0.32	<b>31.2</b>	-0.67	0.79	<b>10.3</b>	-1.07	0.36	
<b>FGQQMK</b>	<b>33.4</b>	-0.92		<b>25.3</b>	-1.68		<b>7.6</b>	-1.60		<b>26.5</b>	-1.80		<b>10.5</b>	-0.99		
<b>FRA8CK</b>	<b>56.8</b>	1.06	0.13	<b>31.0</b>	-0.49	0.15	<b>8.5</b>	-0.45	0.76	<b>39.5</b>	1.32	0.85	<b>19.7</b>	2.24	0.26	
<b>GN9GMK</b>	<b>48.3</b>	0.34	2.62	<b>34.1</b>	0.14	1.92	<b>9.8</b>	1.08	1.24	<b>35.1</b>	0.26	3.66	<b>15.0</b>	0.59	1.50	
<b>HG44YM</b>	<b>43.3</b>	-0.08	0.58	<b>31.7</b>	-0.36	0.46	<b>9.0</b>	0.11		<b>33.0</b>	-0.24		<b>12.3</b>	-0.35	0.91	
<b>HRP4WJ</b>	<b>61.6</b>	1.47	0.21	<b>43.5</b>	2.09	1.25	<b>13.7</b>	5.79X	0.61	<b>49.9</b>	3.82X	1.28	<b>17.4</b>	1.41	0.79	
<b>HXDN3K</b>	<b>46.5</b>	0.19	0.63	<b>31.6</b>	-0.38	0.86	<b>9.6</b>	0.81	1.07	<b>36.3</b>	0.55	2.70	<b>13.8</b>	0.16	1.41	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JETLFG	28.0	-1.37	0.04	42.3	1.82	0.39	9.4	0.55	0.08	31.2	-0.67	0.45	12.0	-0.46	0.06	
JLUVQF	36.3	-0.67	0.12	30.9	-0.52	0.63	8.0	-1.03	0.31	29.8	-1.02	0.49	13.3	-0.02	0.26	
L3Q84A	45.4	0.10	0.52	33.1	-0.06	0.20	9.0	0.07	0.12	33.2	-0.19	0.32	13.2	-0.06	0.50	
MG7FPD	35.8	-0.71	0.11	24.5	-1.84	0.80	5.3	-4.29X	0.58	25.8	-1.96	0.26	10.3	-1.05	0.45	
MLHBPG	28.7	-1.31	0.36	36.9	0.72	0.92	8.2	-0.81	1.22	32.5	-0.36	0.45	11.3	-0.72	0.33	
NEC2T9	61.5	1.46	0.23	33.5	0.02	0.36	9.3	0.52	0.81	38.1	0.98	0.75	20.6	2.55	0.33	
NQ6HHA	66.6	1.89	1.36	44.1	2.20	0.52	9.4	0.58	1.21	49.1	3.63X	2.35	16.7	1.16	1.16	
NVJBHE	43.7	-0.05	0.41	29.9	-0.73	0.32	9.0	0.14	1.77	31.0	-0.71	0.19	13.2	-0.03	1.33	
PF4EXC	52.3	0.68	0.12	34.9	0.30	0.11	11.2	2.76	0.13	38.1	0.97	0.11	18.4	1.77	0.27	
QJZMD7	44.7	0.04	0.58	38.0	0.95	2.12	8.3	-0.69	1.16	32.7	-0.32	1.05	13.7	0.12	1.81	
QWMRPA	35.3	-0.75	0.22	34.0	0.12		9.0	0.11		31.3	-0.64	1.39	13.3	0.00	0.91	
TARMZA	34.3	-0.84	0.55	27.3	-1.27	0.20	8.3	-0.71	0.17	28.0	-1.45	0.04	13.1	-0.09	0.21	
TL2339	46.9	0.23	0.07	33.4	0.00	0.18	8.2	-0.83	0.29	33.4	-0.15	0.21	13.1	-0.07	0.17	
U2AD98	56.0	1.00		32.0	-0.29		10.0	1.31		39.0	1.20		17.0	1.28		
U3HQP9	35.0	-0.78	0.12	39.2	1.20	0.06	9.3	0.51	0.23	34.0	0.00	0.02	12.8	-0.17	0.16	
UTCQC2	38.0	-0.52	0.70	31.1	-0.47	0.36	8.8	-0.13	1.48	37.3	0.78	0.30	10.5	-1.00	0.37	
VEQX2Y	53.5	0.78	0.13	36.2	0.57	0.70	8.6	-0.32	0.21	36.8	0.66	0.59	15.4	0.72	0.72	
VYCRPZ	33.9	-0.87	0.12	42.1	1.80	0.11	10.2	1.50	0.63	31.4	-0.64	0.85	11.5	-0.64	0.41	
WBBHB9	46.6	0.20	0.31	37.5	0.85	0.63	9.8	1.06	0.14	36.8	0.67	0.41	15.6	0.78	0.16	
X6FA2X	46.8	0.22	0.32	33.0	-0.08	0.18	8.6	-0.41	0.31	34.4	0.09	0.33	14.1	0.28	0.09	
XU2BF3	35.4	-0.75		31.9	-0.32		8.7	-0.21		29.3	-1.14		12.2	-0.39		
Z72TY2	43.0	-0.10	0.38	32.7	-0.15	0.46	9.0	0.11		34.0	0.00		12.0	-0.47		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	44.2	33.4	8.91	34.0	13.3	
<b>Median Abs Dev</b>	8.0	2.4	0.45	2.6	1.3	
<b>Avg Within Lab SD</b>	2.6	1.2	0.50	1.1	0.6	
<b>Labs Included</b>	48	47	45	46	48	
<b>Labs Reporting</b>	48	48	48	48	48	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2LX942	112.7	-0.16	0.74	82.4	-0.21	0.29	157.7	-0.36	0.44	306.0	0.03	0.50	71.1	-0.44	1.40	
2QMUQU	121.8	0.39	0.58	83.6	-0.07	3.78	172.1	0.81	2.25	309.6	0.15	2.55	77.6	0.29	1.44	
362FMT	100.3	-0.91	0.70	83.0	-0.14	0.02	163.9	0.15	0.06	309.6	0.15	0.11	73.2	-0.21	0.28	
3AVAPZ	115.3	0.00	1.14	83.5	-0.07	0.86	173.5	0.93	1.96	308.7	0.12	0.69	73.5	-0.17	1.46	
7G2HEQ	92.4	-1.39	0.08	75.8	-1.03	0.16	163.2	0.09	0.57	241.3	-2.01	0.16	67.0	-0.90	0.33	
99HTTN	111.3	-0.24	0.13	78.7	-0.67	0.13	159.3	-0.22	0.12	289.7	-0.48	0.21	77.0	0.21	0.29	
9DDK6Q	116.9	0.09	0.06	81.7	-0.29	0.08	171.7	0.78	0.16	298.3	-0.21	0.26	74.1	-0.11	0.26	
9TTHAR	129.9	0.88	1.82	89.1	0.62	0.86	158.9	-0.26	2.87	311.2	0.19	1.50	79.8	0.53	1.36	
9Z8RBT	130.3	0.91	3.28	93.7	1.18	1.98	157.0	-0.41	2.23	289.0	-0.51	2.13	85.0	1.10	3.29	
AMY7NU	131.5	0.98	0.96	89.7	0.69	0.47	152.0	-0.82	0.81	362.7	1.82	1.00	75.6	0.06	0.58	
AWMXET	103.7	-0.71	0.13	77.7	-0.79	0.13	155.7	-0.52	0.24	282.3	-0.72	0.38	67.3	-0.86	0.17	
BCKKWL	95.0	-1.24	0.42	84.7	0.08	1.08	171.8	0.79	2.35	286.0	-0.60	0.53	69.0	-0.68	0.93	
BQTMDT	107.0	-0.51		75.0	-1.12		172.0	0.81		316.0	0.35		75.4	0.04		
CJMCHK	111.1	-0.26	0.45	83.3	-0.10	0.27	176.9	1.21	0.23	322.1	0.54	0.37	66.0	-1.01	0.49	
CWD2GQ	122.1	0.41		88.1	0.49		134.5	-2.25		273.5	-0.99		75.1	0.00		
DR37GM	107.3	-0.49	0.57	87.3	0.40	0.18	168.0	0.48	0.55	305.0	0.00	0.27	73.4	-0.19	0.26	
DTBJYP	134.7	1.18	0.93	98.9	1.83	1.37	195.6	2.73X	0.58	354.3	1.55	1.25	97.5	2.50	2.76	
EAXY2L	128.9	0.82	0.75	91.6	0.93	0.63	162.7	0.05	0.62	323.3	0.58	0.30	90.7	1.74	1.04	
F84YTF	131.1	0.96	1.06	98.2	1.74	0.82	151.4	-0.87	0.23	353.4	1.53	1.13	81.4	0.71	0.98	
FFE2DF	135.9	1.25	2.88	90.3	0.76	2.27	165.1	0.25	0.92	344.0	1.23	3.76	99.7	2.74X	3.43	
FRA8CK	103.3	-0.73	0.95	84.1	0.00	0.20	161.5	-0.05	0.16	293.3	-0.37	0.42	70.3	-0.53	0.53	
HG44YM	115.3	0.00	1.41	93.0	1.10	0.38	168.0	0.48	0.56	309.3	0.14	0.63	80.7	0.62	0.74	
HRP4WJ	131.2	0.96	1.25	87.7	0.44	0.55	162.7	0.05	0.61	311.7	0.21	0.62	84.3	1.02	0.50	
JETLFG	142.8	1.67	0.27	100.4	2.02	0.17	169.0	0.57	0.15	342.7	1.19	0.25	91.2	1.80	0.42	
JLUVQF	122.5	0.43	1.51	94.3	1.26	1.33	184.0	1.78	1.85	311.6	0.21	1.03	86.0	1.22	1.29	
L3Q84A	106.7	-0.53	0.27	89.4	0.65	0.27	160.0	-0.17	0.37	279.0	-0.82	0.09	73.9	-0.13	0.53	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MG7FPD	92.3	-1.40	0.29	74.2	-1.22	0.13	143.0	-1.55	0.32	243.8	-1.93	0.03	62.5	-1.40	0.29	
NEC2T9	103.8	-0.70	0.23	82.5	-0.19	0.48	163.7	0.13	0.06	302.6	-0.08	0.31	71.2	-0.43	0.24	
NQ6HHA	124.4	0.55	0.60	87.2	0.39	0.42	158.6	-0.29	0.89	329.7	0.78	0.99	79.0	0.43	0.25	
NVJBHE	88.8	-1.61	1.43	75.5	-1.06	2.76	145.5	-1.35	1.45	246.8	-1.83	0.77	59.1	-1.78	1.46	
PF4EXC	104.0	-0.69	0.06	82.8	-0.16	0.04	171.2	0.74	0.04	313.5	0.27	0.03	73.2	-0.21	0.05	
QJZMD7	116.0	0.04	0.23	87.0	0.36	0.80	150.7	-0.93	0.24	290.7	-0.45	0.21	76.3	0.14	0.84	
QWMRPA	122.0	0.40	0.46	88.7	0.56	0.13	167.7	0.45	0.44	333.3	0.89	1.06	82.7	0.85	0.61	
TARMZA	121.0	0.34	0.40	89.6	0.68	0.20	176.4	1.16	1.09	304.9	0.00	1.15	76.2	0.12	0.69	
TL2339	100.8	-0.88	0.80	75.5	-1.06	0.32	154.7	-0.60	0.07	287.0	-0.57	0.34	66.8	-0.92	0.32	
U2AD98	106.0	-0.57		84.0	-0.01		148.0	-1.15		294.0	-0.35		82.0	0.77		
U3HQP9	115.5	0.01	0.19	82.5	-0.20	0.02	161.5	-0.05	0.32	285.6	-0.61	0.16	75.0	0.00	0.17	
UTCQC2	102.4	-0.79	0.27	75.4	-1.08	0.10	142.6	-1.58	0.01	294.5	-0.33	0.08	68.2	-0.76	0.06	
VEQX2Y	111.5	-0.24	0.36	83.7	-0.05	0.03	164.4	0.19	0.17	300.7	-0.14	0.17	72.0	-0.35	0.43	
VVCGUZ	101.3	-0.85	0.27	82.0	-0.26	0.27	155.7	-0.52	0.49	301.3	-0.12	0.50	66.2	-0.98	1.03	
VYCRPZ	127.6	0.74	0.58	91.8	0.95	0.33	147.0	-1.23	0.38	343.6	1.22	1.06	78.7	0.41	0.24	
WBBHB9	130.1	0.89	0.50	93.9	1.21	0.32	167.8	0.46	0.24	359.0	1.70	0.58	86.6	1.29	0.23	
X6FA2X	106.8	-0.52	0.43	79.0	-0.62	0.17	155.3	-0.55	0.24	286.2	-0.59	0.04	67.1	-0.88	0.13	
XT7TD2	220.0	6.35X	3.56	165.7	10.05X	2.05	317.3	12.63X	3.81	610.7	9.64X	3.51	160.3	9.49X	4.53	
XU2BF3	120.0	0.28		89.2	0.63		177.5	1.25		347.5	1.34		80.0	0.55		
Z72TY2	103.3	-0.73	0.35	76.0	-1.00	0.22	158.0	-0.33	0.37	290.0	-0.47	0.09	72.0	-0.34		

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
Grand Median	115.3			84.1			162.1			305.0			75.1			
Median Abs Dev	11.5			5.1			6.6			16.0			4.8			
Avg Within Lab SD	4.3			4.5			4.7			11.1			3.4			
Labs Included	45			45			44			45			44			
Labs Reporting	46			46			46			46			46			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2LX942	1,655.0	-0.25	0.53	3,830.7	-0.33	0.17	764.0	-0.10	1.17	2,016.0	-0.13	0.29	1,210.3	-0.65	1.48	
2QMUQU	1,802.6	0.36	2.94	3,962.1	0.01	5.45	847.5	0.76	2.30	2,026.6	-0.07	3.15	1,467.6	1.00	2.72	
362FMT	1,680.6	-0.14	0.62	4,043.3	0.21	0.06	748.9	-0.26	0.33	2,109.6	0.41	0.10	1,263.3	-0.31	0.11	
3AVAPZ	1,822.7	0.44	0.78	4,120.3	0.41	0.92	837.8	0.66	0.89	2,091.8	0.31	0.46	1,334.7	0.14	1.46	
7G2HEQ	1,397.3	-1.32	0.07	3,681.0	-0.71	0.24	769.0	-0.05	0.41	1,725.7	-1.80	0.13	1,192.3	-0.77	1.24	
99HTTN	1,602.7	-0.47	0.09	3,570.0	-0.99	0.02	706.0	-0.70	0.02	1,797.3	-1.38	0.03	1,080.3	-1.49	0.03	
9TTHAR	2,071.4	1.48	1.73	4,817.8	2.17	0.21	703.6	-0.73	0.96	2,204.9	0.96	1.39	1,390.9	0.51	0.47	
9Z8RBT	1,921.3	0.85	2.63	4,342.0	0.97	1.15	766.3	-0.08	1.31	2,018.7	-0.11	2.17	1,391.3	0.51	0.88	
AMY7NU	2,423.0	2.93X	0.24	5,116.7	2.93X	0.41	910.0	1.41	0.42	2,974.7	5.38X	0.70	1,851.3	3.46X	0.36	
BCKTWL	1,480.7	-0.97	0.31	4,125.7	0.42	0.11	729.0	-0.46	0.56	1,964.3	-0.42	0.65	1,171.3	-0.90	2.02	
BQTMDF	1,570.0	-0.60		3,960.0	0.00		696.0	-0.80		2,000.0	-0.22		1,220.0	-0.59		
CJMCHK	1,692.7	-0.09	0.46	4,099.6	0.35	0.34	786.1	0.13	0.15	2,087.4	0.28	0.16	1,253.5	-0.38	0.70	
CWD2GQ	2,087.3	1.54		4,498.0	1.36		908.9	1.40		2,163.4	0.72		1,446.4	0.86		
DR37GM	1,706.0	-0.04	0.12	3,865.9	-0.24	0.15	846.3	0.75	0.83	2,129.0	0.52	0.27	1,382.4	0.45	0.58	
DTBJYP	2,195.8	1.99	0.61	4,385.8	1.08	1.03	933.9	1.66	0.16	2,391.1	2.03	1.00	1,760.6	2.88X	1.28	
EAXY2L	1,841.1	0.52	1.20	3,675.3	-0.72	0.38	716.8	-0.59	0.25	2,021.9	-0.09	0.14	1,310.7	-0.01	0.87	
F84YTF	1,913.6	0.82	1.55	4,301.2	0.86	0.98	654.0	-1.24	0.30	2,152.1	0.65	0.88	1,424.3	0.72	1.62	
FFE2DF	1,920.0	0.85	1.03	3,985.9	0.07	0.50	690.4	-0.86	0.35	2,176.7	0.80	2.25	1,460.1	0.95	0.69	
FRA8CK	1,685.5	-0.12	0.23	3,719.5	-0.61	0.23	847.3	0.76	0.06	2,050.5	0.07	0.25	1,270.3	-0.27	0.69	
HG44YM	1,801.3	0.36	1.29	4,213.3	0.64	0.29	826.7	0.55	0.44	2,126.0	0.50	0.37	1,313.7	0.01	0.95	
HRP4WJ	1,785.3	0.29	0.43	3,857.3	-0.26	0.52	784.7	0.11	0.64	2,168.3	0.75	0.20	1,327.3	0.10	0.23	
JETLFG	2,224.5	2.11	0.09	4,464.4	1.28	0.05	742.4	-0.32	0.16	2,201.0	0.94	0.09	1,398.2	0.55	0.18	
JLUVQF	1,764.0	0.20	0.21	3,896.7	-0.16	0.53	793.2	0.20	0.53	2,085.6	0.27	1.08	1,333.0	0.13	0.65	
L3Q84A	1,792.7	0.32	0.11	4,167.3	0.52	0.07	790.0	0.17	0.49	1,937.0	-0.58	0.16	1,303.3	-0.06	0.19	
MG7FPD	1,353.8	-1.50	0.24	3,241.8	-1.82	0.05	667.7	-1.10	0.13	1,584.2	-2.61	0.09	1,053.5	-1.66	0.95	
NEC2T9	1,715.4	0.00	0.25	3,761.6	-0.50	0.24	946.4	1.79	0.96	2,026.4	-0.07	0.74	1,348.3	0.23	0.89	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NQ6HHA	2,178.6	1.92	1.67	4,807.6	2.15	0.54	838.8	0.67	0.82	2,616.2	3.32X	1.83	1,724.4	2.65	1.38
NVJBHE	1,607.3	-0.45	1.10	3,394.5	-1.43	0.53	992.8	2.27	4.50	1,860.6	-1.02	1.33	1,146.8	-1.06	0.34
QJZMD7	1,784.0	0.28	0.18	4,115.0	0.39	0.53	911.3	1.43	1.43	2,096.7	0.34	1.67	1,410.7	0.63	2.17
QWMRPA	1,821.0	0.44	0.50	4,046.7	0.22	0.19	818.7	0.47	0.41	2,171.7	0.77	0.94	1,422.0	0.70	0.58
TARMZA	1,856.7	0.59	1.64	3,888.5	-0.18	0.38	806.5	0.34	0.53	2,131.7	0.54	1.63	1,398.0	0.55	0.35
TL2339	1,542.4	-0.72	1.14	3,683.7	-0.70	0.09	699.9	-0.76	0.07	1,935.6	-0.59	0.39	1,157.3	-0.99	0.34
U2AD98	1,689.0	-0.11		3,532.0	-1.08		700.0	-0.76		1,952.0	-0.50		1,386.0	0.47	
U3HQP9	1,604.6	-0.46	0.25	3,742.3	-0.55	0.07	673.5	-1.04	0.12	1,902.4	-0.78	0.14	1,202.7	-0.70	0.07
UTCQC2	1,657.0	-0.24	0.23	3,767.0	-0.49	0.12	779.0	0.05	0.07	1,938.3	-0.57	0.18	1,233.3	-0.51	0.20
VEQX2Y	1,707.7	-0.03	0.59	4,025.3	0.17	0.30	764.8	-0.09	0.22	2,028.4	-0.06	0.83	1,262.3	-0.32	0.62
VVCGUZ	1,621.0	-0.39	0.45	3,934.0	-0.07	0.31	735.3	-0.40	0.44	2,012.7	-0.15	0.33	1,187.0	-0.80	1.04
VYCRPZ	2,230.2	2.14	0.36	4,339.9	0.96	0.24	884.9	1.15	0.36	2,439.0	2.30	0.61	1,592.0	1.80	0.42
WBBHB9	1,999.0	1.18	0.35	4,269.0	0.78	0.44	738.0	-0.37	0.30	2,282.3	1.40	0.42	1,432.5	0.77	0.47
X6FA2X	1,597.1	-0.49	0.10	3,860.0	-0.25	0.18	778.4	0.05	0.31	1,943.9	-0.54	0.17	1,186.4	-0.81	0.10
XU2BF3	1,638.0	-0.32		3,653.0	-0.78		762.0	-0.12		2,048.0	0.06		1,218.0	-0.60	
Z72TY2	1,657.3	-0.24	0.55	3,651.0	-0.78	0.42	705.7	-0.70	0.21	1,921.7	-0.67	0.15	1,257.3	-0.35	0.27

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
Grand Median	1,715.4			3,960.0			773.7			2,038.2			1,312.2		
Median Abs Dev	108.1			217.7			64.6			93.9			93.2		
Avg Within Lab SD	61.1			185.0			40.7			91.9			46.4		
Labs Included	41			41			42			40			40		
Labs Reporting	42			42			42			42			42		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>124.7</b>	-0.31	0.51	<b>398.7</b>	-0.66	0.35	<b>398.0</b>	-0.85	1.03	<b>498.3</b>	-0.36	0.28	<b>62.4</b>	-0.22	1.67
<b>2QMUQU</b>	<b>137.5</b>	0.43	2.46	<b>444.2</b>	0.24	5.36	<b>447.4</b>	0.60	0.86	<b>501.7</b>	-0.30	3.44	<b>68.5</b>	0.51	1.42
<b>362FMT</b>	<b>124.4</b>	-0.32	0.34	<b>424.0</b>	-0.16	0.04	<b>424.1</b>	-0.08	0.71	<b>521.4</b>	0.05	0.23	<b>63.8</b>	-0.06	0.38
<b>3AVAPZ</b>	<b>140.0</b>	0.58	0.80	<b>468.2</b>	0.71	0.71	<b>490.7</b>	1.87	1.18	<b>548.3</b>	0.52	0.28	<b>65.3</b>	0.13	1.20
<b>7G2HEQ</b>	<b>113.3</b>	-0.96	0.25	<b>377.0</b>	-1.09	0.13	<b>394.0</b>	-0.97	0.12	<b>398.0</b>	-2.13	0.32	<b>61.7</b>	-0.31	0.83
<b>99HTTN</b>	<b>124.3</b>	-0.33	0.25	<b>352.3</b>	-1.57	0.03	<b>371.7</b>	-1.62	0.18	<b>419.0</b>	-1.76	0.05	<b>61.0</b>	-0.39	0.40
<b>9TTHAR</b>	<b>152.2</b>	1.28	1.55	<b>491.1</b>	1.17	0.43	<b>426.5</b>	-0.01	2.81	<b>523.2</b>	0.08	1.20	<b>64.8</b>	0.06	1.03
<b>9Z8RBT</b>	<b>138.3</b>	0.48	3.01	<b>452.0</b>	0.40	1.19	<b>423.3</b>	-0.11	2.63	<b>504.0</b>	-0.26	3.58	<b>64.0</b>	-0.03	2.11
<b>AMY7NU</b>	<b>152.5</b>	1.30	0.18	<b>450.4</b>	0.36	0.06	<b>404.1</b>	-0.67	0.71	<b>557.0</b>	0.67	0.23	<b>61.0</b>	-0.39	0.23
<b>BCTKWL</b>	<b>114.8</b>	-0.88	0.47	<b>449.1</b>	0.34	0.29	<b>460.2</b>	0.98	1.24	<b>521.9</b>	0.05	0.87	<b>54.1</b>	-1.22	1.49
<b>BQTMDT</b>	<b>116.0</b>	-0.81		<b>393.0</b>	-0.77		<b>430.0</b>	0.09		<b>513.0</b>	-0.10		<b>52.7</b>	-1.39	
<b>CJMCHK</b>	<b>118.7</b>	-0.65	0.39	<b>435.0</b>	0.06	0.37	<b>457.6</b>	0.90	0.20	<b>519.7</b>	0.02	0.32	<b>51.3</b>	-1.56	0.57
<b>CWD2GQ</b>	<b>150.9</b>	1.21		<b>422.5</b>	-0.19		<b>363.6</b>	-1.86		<b>475.2</b>	-0.77		<b>69.8</b>	0.67	
<b>DR37GM</b>	<b>121.6</b>	-0.48	0.24	<b>425.6</b>	-0.13	0.07	<b>431.5</b>	0.13	0.86	<b>517.9</b>	-0.02	0.33	<b>62.6</b>	-0.20	0.48
<b>DTBJYP</b>	<b>151.0</b>	1.21	0.53	<b>493.8</b>	1.22	1.09	<b>501.4</b>	2.19	1.03	<b>607.0</b>	1.55	1.22	<b>72.2</b>	0.95	2.71
<b>EAXY2L</b>	<b>144.4</b>	0.83	0.78	<b>428.9</b>	-0.06	0.42	<b>410.1</b>	-0.50	0.36	<b>520.6</b>	0.03	0.82	<b>70.8</b>	0.78	1.25
<b>F84YTF</b>	<b>148.1</b>	1.04	1.11	<b>487.9</b>	1.10	1.05	<b>415.7</b>	-0.33	0.87	<b>569.0</b>	0.88	0.97	<b>66.2</b>	0.23	1.26
<b>FFE2DF</b>	<b>138.5</b>	0.49	0.80	<b>515.5</b>	1.65	0.21	<b>448.8</b>	0.64	0.66	<b>601.4</b>	1.45	0.52	<b>62.4</b>	-0.23	0.73
<b>FRA8CK</b>	<b>128.5</b>	-0.09	0.66	<b>393.2</b>	-0.77	0.33	<b>407.4</b>	-0.58	0.41	<b>485.8</b>	-0.58	0.26	<b>68.2</b>	0.47	0.86
<b>HG44YM</b>	<b>136.7</b>	0.39	1.35	<b>449.0</b>	0.34	0.35	<b>430.3</b>	0.10	0.70	<b>524.7</b>	0.10	0.50	<b>66.3</b>	0.25	1.51
<b>HRP4WJ</b>	<b>148.0</b>	1.04	0.55	<b>456.5</b>	0.49	1.22	<b>429.5</b>	0.07	1.01	<b>521.1</b>	0.04	0.42	<b>72.8</b>	1.02	1.29
<b>JETLFG</b>	<b>190.2</b>	3.48X	0.41	<b>529.0</b>	1.92	0.03	<b>488.6</b>	1.81	0.11	<b>628.2</b>	1.93	0.11	<b>75.2</b>	1.31	0.35
<b>JLUVQF</b>	<b>126.0</b>	-0.23	1.09	<b>418.7</b>	-0.26	0.28	<b>438.3</b>	0.33	1.52	<b>521.7</b>	0.05	0.79	<b>62.0</b>	-0.28	1.02
<b>L3Q84A</b>	<b>139.0</b>	0.52	0.50	<b>463.3</b>	0.62	0.31	<b>444.3</b>	0.51	0.48	<b>494.7</b>	-0.42	0.17	<b>79.3</b>	1.80	0.26
<b>MG7FPD</b>	<b>113.8</b>	-0.93	0.21	<b>379.2</b>	-1.04	0.16	<b>386.2</b>	-1.20	0.38	<b>423.5</b>	-1.68	0.10	<b>60.0</b>	-0.51	0.60
<b>NEC2T9</b>	<b>130.0</b>	0.00	0.40	<b>421.0</b>	-0.22	0.24	<b>427.4</b>	0.01	0.81	<b>495.1</b>	-0.42	0.23	<b>64.5</b>	0.03	0.23



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>NQ6HHA</b>	<b>161.6</b>	1.82	0.88	<b>486.3</b>	1.07	0.40	<b>434.8</b>	0.23	1.38	<b>585.9</b>	1.18	1.09	<b>69.8</b>	0.66	0.50
<b>NVJBHE</b>	<b>112.5</b>	-1.01	1.59	<b>350.1</b>	-1.62	0.68	<b>378.7</b>	-1.42	1.08	<b>415.8</b>	-1.81	0.52	<b>56.8</b>	-0.90	1.34
<b>QJZMD7</b>	<b>141.7</b>	0.67	1.26	<b>443.0</b>	0.22	0.70	<b>405.7</b>	-0.63	0.70	<b>492.3</b>	-0.47	0.23	<b>65.7</b>	0.17	0.46
<b>QWMRPA</b>	<b>134.7</b>	0.27	0.67	<b>448.7</b>	0.33	0.31	<b>447.0</b>	0.59	1.34	<b>558.7</b>	0.70	1.30	<b>67.7</b>	0.41	0.61
<b>TARMZA</b>	<b>135.6</b>	0.33	1.68	<b>429.0</b>	-0.06	0.38	<b>446.1</b>	0.56	1.09	<b>520.7</b>	0.03	0.96	<b>72.6</b>	1.00	0.57
<b>TL2339</b>	<b>106.5</b>	-1.35	0.74	<b>379.9</b>	-1.03	0.25	<b>403.3</b>	-0.70	0.24	<b>466.9</b>	-0.91	0.49	<b>48.0</b>	-1.95	0.22
<b>U2AD98</b>	<b>138.0</b>	0.46		<b>445.0</b>	0.26		<b>433.0</b>	0.18		<b>549.0</b>	0.53		<b>82.0</b>	2.13	
<b>U3HQP9</b>	<b>124.9</b>	-0.29	0.25	<b>412.4</b>	-0.39	0.09	<b>413.0</b>	-0.41	0.18	<b>503.9</b>	-0.26	0.22	<b>57.3</b>	-0.83	0.09
<b>UTCQC2</b>	<b>126.7</b>	-0.19	0.05	<b>359.7</b>	-1.43	0.16	<b>396.8</b>	-0.89	0.21	<b>488.4</b>	-0.53	0.20	<b>62.8</b>	-0.17	0.29
<b>VEQX2Y</b>	<b>128.8</b>	-0.07	0.58	<b>410.6</b>	-0.42	0.57	<b>442.8</b>	0.47	0.19	<b>492.0</b>	-0.47	0.51	<b>70.8</b>	0.79	0.66
<b>VVCGUZ</b>	<b>126.0</b>	-0.23		<b>453.3</b>	0.42	0.40	<b>473.3</b>	1.36	1.23	<b>581.3</b>	1.10	0.30	<b>57.4</b>	-0.82	0.53
<b>VYCRPZ</b>	<b>152.0</b>	1.27	0.71	<b>461.8</b>	0.59	0.29	<b>441.8</b>	0.44	0.77	<b>584.2</b>	1.15	0.87	<b>69.9</b>	0.67	0.41
<b>WBBHB9</b>	<b>145.9</b>	0.92	0.20	<b>468.5</b>	0.72	0.37	<b>425.5</b>	-0.04	0.40	<b>582.7</b>	1.12	0.46	<b>65.4</b>	0.13	0.31
<b>X6FA2X</b>	<b>118.5</b>	-0.66	0.25	<b>403.0</b>	-0.57	0.02	<b>410.7</b>	-0.48	0.17	<b>470.7</b>	-0.85	0.33	<b>61.4</b>	-0.34	0.08
<b>XU2BF3</b>	<b>118.0</b>	-0.69		<b>395.0</b>	-0.73		<b>423.0</b>	-0.12		<b>513.0</b>	-0.10		<b>52.0</b>	-1.47	
<b>Z72TY2</b>	<b>119.3</b>	-0.61	0.42	<b>384.7</b>	-0.94	0.41	<b>399.3</b>	-0.81	0.48	<b>468.7</b>	-0.88	0.11	<b>57.0</b>	-0.87	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	130.0			432.0			427.0			518.8			64.3		
<b>Median Abs Dev</b>	10.6			29.4			19.3			29.9			4.3		
<b>Avg Within Lab SD</b>	6.0			20.0			8.6			19.3			2.5		
<b>Labs Included</b>	41			42			42			42			42		
<b>Labs Reporting</b>	42			42			42			42			42		





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>14.4</b>	0.01	0.53	<b>11.8</b>	-0.02	0.15	<b>31.2</b>	-0.13	0.15	<b>13.1</b>	-0.06	0.30	<b>10.7</b>	0.00	0.43	
<b>2QMUQU</b>	<b>20.2</b>	1.04	1.64	<b>14.9</b>	0.49	2.13	<b>40.1</b>	0.97	1.87	<b>20.5</b>	1.27	4.19	<b>18.4</b>	1.67	4.05	
<b>362FMT</b>	<b>13.9</b>	-0.08	0.12	<b>12.0</b>	0.01	0.12	<b>34.3</b>	0.26	0.03	<b>13.6</b>	0.04	0.45	<b>11.3</b>	0.13	0.31	
<b>7G2HEQ</b>	<b>25.7</b>	2.03	0.91	<b>20.4</b>	1.39	1.21	<b>19.8</b>	-1.56	0.52	<b>18.0</b>	0.82	0.52	<b>3.8</b>	-1.47	0.52	
<b>99HTTN</b>	<b>12.0</b>	-0.43		<b>9.7</b>	-0.38	0.55	<b>27.0</b>	-0.66		<b>11.0</b>	-0.44		<b>10.0</b>	-0.14		
<b>9TTHAR</b>	<b>21.8</b>	1.33	0.76	<b>14.7</b>	0.46	0.47	<b>35.8</b>	0.44	1.46	<b>16.7</b>	0.58	1.05	<b>15.2</b>	0.98	0.78	
<b>9Z8RBT</b>	<b>10.2</b>	-0.75	0.73	<b>9.6</b>	-0.39	2.17	<b>31.0</b>	-0.16	3.10	<b>10.4</b>	-0.55	2.35	<b>9.0</b>	-0.35	1.63	
<b>AMY7NU</b>	<b>62.2</b>	8.57X	0.41	<b>1.5</b>	-1.72	0.24	<b>45.7</b>	1.68	1.27	<b>41.4</b>	5.03X	1.24	<b>23.8</b>	2.84	2.35	
<b>BCTKWL</b>	<b>7.4</b>	-1.26	0.06	<b>6.0</b>	-0.97	0.11	<b>27.0</b>	-0.66	0.91	<b>6.8</b>	-1.19	0.25	<b>5.3</b>	-1.14	0.33	
<b>CJMCHK</b>	<b>6.9</b>	-1.34	0.02	<b>5.3</b>	-1.10	0.04	<b>27.9</b>	-0.54	0.12	<b>6.2</b>	-1.31	0.01	<b>3.8</b>	-1.48	0.09	
<b>CWD2GQ</b>	<b>16.6</b>	0.39		<b>14.3</b>	0.39		<b>28.6</b>	-0.46		<b>14.6</b>	0.21		<b>13.6</b>	0.63		
<b>DR37GM</b>	<b>15.2</b>	0.15	0.13	<b>13.1</b>	0.19	0.37	<b>34.8</b>	0.32	0.74	<b>13.7</b>	0.06	0.22	<b>11.9</b>	0.27	0.10	
<b>DTBJYP</b>	<b>15.2</b>	0.14	0.30	<b>12.2</b>	0.04	0.43	<b>37.3</b>	0.63	0.17	<b>13.4</b>	-0.01	0.13	<b>11.6</b>	0.21	0.72	
<b>EAXY2L</b>	<b>31.4</b>	3.05X	0.34	<b>28.4</b>	2.72	1.20	<b>47.3</b>	1.88	0.39	<b>26.8</b>	2.41	1.09	<b>26.0</b>	3.30X	0.81	
<b>F84YTF</b>	<b>8.9</b>	-0.98	0.24	<b>6.7</b>	-0.86	0.79	<b>26.4</b>	-0.73	0.52	<b>6.8</b>	-1.20	0.30	<b>5.1</b>	-1.20	0.83	
<b>FFE2DF</b>	<b>8.5</b>	-1.05	0.62	<b>5.8</b>	-1.01	1.48	<b>26.7</b>	-0.69	0.53	<b>6.9</b>	-1.18	1.46	<b>6.3</b>	-0.94	1.14	
<b>FRA8CK</b>	<b>15.7</b>	0.23	0.12	<b>14.0</b>	0.33	0.12	<b>32.9</b>	0.07	0.45	<b>13.5</b>	0.01	0.55	<b>12.5</b>	0.40	0.16	
<b>HG44YM</b>	<b>14.8</b>	0.07	0.30	<b>11.9</b>	0.00	1.38	<b>34.2</b>	0.24	1.28	<b>14.9</b>	0.27	0.21	<b>10.5</b>	-0.04	0.84	
<b>HRP4WJ</b>	<b>16.4</b>	0.36	0.15	<b>16.0</b>	0.66	0.20	<b>38.3</b>	0.75	0.16	<b>17.1</b>	0.66	0.30	<b>13.6</b>	0.63	0.35	
<b>JETLFG</b>	<b>14.4</b>	0.00	0.10	<b>10.6</b>	-0.22	0.25	<b>31.3</b>	-0.13	0.03	<b>9.8</b>	-0.65	0.09	<b>9.4</b>	-0.28	0.08	
<b>JLUVQF</b>	<b>21.9</b>	1.35	0.96	<b>16.3</b>	0.72	0.33	<b>39.6</b>	0.92	1.69	<b>18.0</b>	0.83	0.32	<b>16.0</b>	1.15	0.14	
<b>NEC2T9</b>	<b>15.6</b>	0.22	0.22	<b>14.1</b>	0.35	0.35	<b>34.2</b>	0.24	0.75	<b>14.7</b>	0.24	0.18	<b>12.1</b>	0.32	0.17	
<b>NQ6HHA</b>	<b>14.1</b>	-0.06	0.33	<b>11.5</b>	-0.08	0.81	<b>28.6</b>	-0.46	0.34	<b>13.6</b>	0.04	0.43	<b>10.8</b>	0.03	0.14	
<b>NVJBHE</b>	<b>14.0</b>	-0.08	0.36	<b>13.4</b>	0.24	2.17	<b>33.6</b>	0.16	1.55	<b>12.7</b>	-0.13	0.78	<b>10.4</b>	-0.06	0.14	
<b>QJZMD7</b>	<b>11.5</b>	-0.51	0.36	<b>10.5</b>	-0.24	0.42	<b>30.1</b>	-0.28	0.03	<b>10.9</b>	-0.45	0.53	<b>8.8</b>	-0.39	0.57	
<b>QWMPA</b>	<b>10.8</b>	-0.64	0.08	<b>8.1</b>	-0.63	0.28	<b>31.4</b>	-0.11	0.99	<b>9.9</b>	-0.64	0.27	<b>7.3</b>	-0.71	0.04	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>TARMZA</b>	<b>22.7</b>	1.50	0.28	<b>20.3</b>	1.38	0.89	<b>43.5</b>	1.40	1.46	<b>21.2</b>	1.40	0.29	<b>16.1</b>	1.18	0.45	
<b>TL2339</b>	<b>7.5</b>	-1.24	0.18	<b>5.5</b>	-1.07	0.09	<b>24.1</b>	-1.02	0.32	<b>6.8</b>	-1.19	0.67	<b>4.7</b>	-1.29	0.23	
<b>U3HQP9</b>	<b>21.6</b>	1.30	1.01	<b>24.6</b>	2.08	1.15	<b>44.5</b>	1.53	1.17	<b>25.3</b>	2.14	0.26	<b>13.0</b>	0.50	0.13	
<b>UTCQC2</b>	<b>13.0</b>	-0.25	0.13	<b>10.5</b>	-0.25	0.34	<b>31.6</b>	-0.09	0.08	<b>19.6</b>	1.10	0.38	<b>12.4</b>	0.38	0.21	
<b>VEQX2Y</b>	<b>12.6</b>	-0.33	0.06	<b>10.9</b>	-0.17	0.40	<b>31.7</b>	-0.07	0.45	<b>10.6</b>	-0.50	0.19	<b>9.1</b>	-0.34	0.24	
<b>VYCRPZ</b>	<b>29.6</b>	2.72	4.67	<b>28.3</b>	2.69	2.59	<b>53.0</b>	2.60	0.75	<b>39.9</b>	4.76X	21.82	<b>26.7</b>	3.45X	3.05	
<b>WBBHB9</b>	<b>15.9</b>	0.26	0.10	<b>13.4</b>	0.23	0.15	<b>35.3</b>	0.37	0.13	<b>15.2</b>	0.32	0.12	<b>12.6</b>	0.42	0.13	
<b>X6FA2X</b>	<b>14.4</b>	0.00	0.16	<b>12.0</b>	0.00	0.40	<b>31.1</b>	-0.14	0.10	<b>13.1</b>	-0.06	0.13	<b>10.6</b>	0.00	0.04	
<b>XU2BF3</b>	<b>14.0</b>	-0.07		<b>11.0</b>	-0.16		<b>44.0</b>	1.47		<b>12.0</b>	-0.26		<b>8.0</b>	-0.57		
<b>Z72TY2</b>	<b>10.0</b>	-0.79		<b>8.0</b>	-0.65	0.96	<b>28.7</b>	-0.45	0.75	<b>9.3</b>	-0.73	0.38	<b>7.0</b>	-0.79		

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg	
	SRS2411		SRS2412		SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	14.4		12.0		32.3	13.4	10.7
<b>Median Abs Dev</b>	2.3		2.4		3.7	3.2	2.1
<b>Avg Within Lab SD</b>	2.7		1.0		1.5	1.5	1.6
<b>Labs Included</b>	34		36		36	34	34
<b>Labs Reporting</b>	36		36		36	36	36



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	16.1	1.27	4.19	47.2	-0.75	0.28	11.2	0.82	1.05	17.6	-0.31	0.80	11.7	-0.15	0.52
2QMUQU	15.6	1.06	2.56	53.0	0.55	4.69	12.3	1.36	3.67	22.3	1.59	3.21	16.3	1.86	3.08
362FMT	11.6	-0.66	0.31	49.3	-0.27	0.05	10.0	0.22	0.14	18.5	0.06	0.13	11.3	-0.32	0.13
7G2HEQ	11.5	-0.71	0.37	49.0	-0.34	0.81	8.8	-0.36	1.18	15.5	-1.18	0.63	10.4	-0.70	1.15
99HTTN	19.7	2.82X	0.47	50.7	0.03	0.27	11.3	0.87	0.80	22.0	1.48		15.3	1.46	0.65
9TTHAR	12.7	-0.20	0.53	49.7	-0.19	0.72	8.9	-0.31	1.13	17.6	-0.30	1.59	11.9	-0.05	1.04
9Z8RBT	12.2	-0.42	1.97	52.5	0.43	1.60	10.2	0.30	1.18	18.3	-0.04	1.56	12.4	0.19	1.76
BCTKWL	13.6	0.18	0.60	53.4	0.63	0.77	13.7	2.01	0.87	23.1	1.93	0.55	12.2	0.07	0.98
CJMCHK				50.9	0.07	0.59				6.8	-4.68X	0.60	1.8	-4.48X	0.60
CWD2GQ	9.7	-1.53		49.9	-0.15		7.7	-0.91		14.0	-1.77		8.0	-1.74	
DR37GM	14.3	0.49	0.18	49.7	-0.18	0.30	10.7	0.54	0.37	20.1	0.69	0.34	12.5	0.22	0.52
DTBJYP	12.2	-0.41	0.81	53.0	0.54	0.01	10.8	0.63	0.74	17.2	-0.48	1.01	14.1	0.91	0.66
EAXY2L	13.2	0.01	0.37	51.0	0.10	0.71	10.7	0.57	0.18	19.0	0.26	0.38	13.9	0.84	0.75
F84YTF	13.4	0.12	0.31	56.8	1.40	0.46	8.6	-0.47	1.07	18.4	0.01	0.20	12.3	0.14	1.07
FGQQMK	10.6	-1.10		45.2	-1.18		9.2	-0.19		16.8	-0.65		10.3	-0.75	
FRA8CK	15.3	0.93	0.33	48.4	-0.46	0.62	10.6	0.49	0.57	19.3	0.40	1.02	12.0	0.00	0.37
GN9GMK	12.0	-0.51	0.58	48.4	-0.48	0.91	9.1	-0.22	0.59	18.1	-0.09	1.80	11.7	-0.13	1.77
HG44YM	13.2	0.00	0.45	50.5	0.00	0.44	11.2	0.79	0.80	18.4	0.00	0.74	12.2	0.07	0.36
HRP4WJ	15.5	1.00	0.29	54.3	0.83	0.62	12.8	1.57	1.01	20.5	0.88	1.40	11.8	-0.10	0.33
JETLFG	17.2	1.74	0.04	57.7	1.59	0.40	9.6	0.00	0.08	21.3	1.19	0.12	13.7	0.76	0.05
JLUVQF	14.4	0.55	0.53	54.2	0.81	0.61	11.0	0.73	1.02	18.4	0.02	1.20	13.2	0.54	0.39
L3Q84A	11.9	-0.54	0.12	49.7	-0.18	0.22	9.1	-0.21	0.21	17.1	-0.50	0.32	10.6	-0.63	0.17
MLHBPG	13.9	0.32	0.16	52.9	0.53	0.27	9.0	-0.26	0.45	19.2	0.34	0.00	12.9	0.39	0.49
NEC2T9	14.5	0.59	0.13	47.2	-0.73	0.14	10.0	0.22	0.40	19.3	0.38	0.97	12.9	0.38	0.24
NQ6HHA	15.4	0.96	0.63	56.6	1.35	0.67	6.0	-1.76	0.40	21.0	1.05	0.84	12.4	0.18	1.31
NVJBHE	10.4	-1.22	0.44	39.6	-2.42	0.57	8.1	-0.74	1.23	14.6	-1.52	0.53	9.5	-1.08	1.57



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>QJZMD7</b>	<b>12.1</b>	-0.45	0.10	<b>51.6</b>	0.25	1.17	<b>8.6</b>	-0.49	2.11	<b>16.8</b>	-0.62	0.97	<b>8.6</b>	-1.49	1.06	
<b>QWMRPA</b>	<b>13.2</b>	0.00	0.20	<b>55.1</b>	1.00	0.07	<b>10.2</b>	0.33	0.66	<b>19.4</b>	0.43	1.18	<b>12.6</b>	0.26	0.60	
<b>TARMZA</b>	<b>15.8</b>	1.16	0.50	<b>51.7</b>	0.26	0.52	<b>14.7</b>	2.54	0.33	<b>21.3</b>	1.18	0.73	<b>15.4</b>	1.50	0.41	
<b>TL2339</b>	<b>11.0</b>	-0.93	0.06	<b>42.8</b>	-1.72	0.17	<b>7.5</b>	-1.03	0.22	<b>16.7</b>	-0.69	0.12	<b>8.5</b>	-1.54	1.92	
<b>U2AD98</b>	<b>9.3</b>	-1.68	0.00	<b>44.6</b>	-1.32	0.00	<b>5.6</b>	-1.95	0.00	<b>15.4</b>	-1.21	0.00	<b>8.3</b>	-1.62	0.00	
<b>U3HQP9</b>	<b>14.0</b>	0.35	0.04	<b>51.7</b>	0.27	0.10	<b>9.8</b>	0.12	0.10	<b>20.6</b>	0.89	0.09	<b>13.0</b>	0.43	0.23	
<b>UTCQC2</b>	<b>11.6</b>	-0.68	0.35	<b>38.2</b>	-2.73X	0.18	<b>8.9</b>	-0.35	0.15	<b>16.9</b>	-0.59	0.34	<b>9.7</b>	-1.00	0.14	
<b>VEQX2Y</b>	<b>12.4</b>	-0.32	0.21	<b>48.3</b>	-0.49	0.42	<b>8.8</b>	-0.39	0.63	<b>16.8</b>	-0.63	1.08	<b>9.9</b>	-0.93	0.09	
<b>VYCRPZ</b>	<b>25.3</b>	5.27X	6.43	<b>70.3</b>	4.38X	0.52	<b>26.3</b>	8.24X	3.05	<b>40.1</b>	8.83X	27.02	<b>25.3</b>	5.83X	3.83	
<b>WBBHB9</b>	<b>13.9</b>	0.32	0.21	<b>55.6</b>	1.11	0.46	<b>9.7</b>	0.06	0.15	<b>20.7</b>	0.97	0.21	<b>13.2</b>	0.51	0.22	
<b>X6FA2X</b>	<b>13.2</b>	0.01	0.16	<b>46.9</b>	-0.80	0.24	<b>9.4</b>	-0.09	0.29	<b>18.2</b>	-0.05	0.11	<b>11.5</b>	-0.24	0.53	
<b>XU2BF3</b>	<b>11.0</b>	-0.94		<b>48.0</b>	-0.56		<b>9.0</b>	-0.28		<b>18.0</b>	-0.15		<b>10.0</b>	-0.88		
<b>Z72TY2</b>	<b>11.0</b>	-0.94		<b>46.0</b>	-1.00		<b>8.0</b>	-0.77		<b>17.3</b>	-0.42	0.74	<b>10.0</b>	-0.88		

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	13.2			50.5			9.57			18.4			12.0			
<b>Median Abs Dev</b>	1.3			2.4			0.99			1.5			1.2			
<b>Avg Within Lab SD</b>	1.2			2.1			0.72			0.8			0.9			
<b>Labs Included</b>	36			37			37			37			37			
<b>Labs Reporting</b>	38			39			38			39			39			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>997.0</b>	-0.41	0.62	<b>536.3</b>	-0.57	0.29	<b>853.3</b>	-1.06	0.25	<b>1,010.3</b>	-0.42	0.48	<b>638.3</b>	-0.92	0.65	
<b>2QMUQU</b>	<b>1,055.9</b>	0.09	1.48	<b>504.8</b>	-0.85	3.95	<b>1,013.8</b>	0.82	2.82	<b>1,064.4</b>	-0.02	1.18	<b>727.2</b>	0.07	0.82	
<b>99HTTN</b>	<b>1,008.0</b>	-0.32	0.09	<b>552.7</b>	-0.43	0.06	<b>840.7</b>	-1.21	0.04	<b>978.0</b>	-0.66	0.03	<b>641.0</b>	-0.89	0.05	
<b>9TTHAR</b>	<b>1,118.8</b>	0.64	0.11	<b>601.1</b>	0.00	0.93	<b>878.4</b>	-0.77	1.62	<b>1,056.9</b>	-0.08	0.61	<b>751.1</b>	0.33	1.42	
<b>9Z8RBT</b>	<b>1,166.3</b>	1.05	3.35	<b>641.7</b>	0.36	1.91	<b>955.3</b>	0.14	2.08	<b>1,080.0</b>	0.09	3.73	<b>783.3</b>	0.69	2.62	
<b>BCTKWL</b>	<b>1,181.0</b>	1.18	0.61	<b>718.1</b>	1.03	0.36	<b>1,095.3</b>	1.78	0.52	<b>1,260.7</b>	1.42	0.81	<b>769.9</b>	0.54	1.81	
<b>BQTMDD</b>	<b>952.0</b>	-0.80		<b>431.0</b>	-1.50		<b>871.0</b>	-0.86		<b>972.0</b>	-0.71		<b>594.0</b>	-1.41		
<b>CJMCHK</b>	<b>1,076.6</b>	0.27	0.08	<b>631.8</b>	0.27	0.29	<b>974.6</b>	0.36	0.32	<b>1,086.4</b>	0.14	0.28	<b>698.3</b>	-0.26	0.52	
<b>CWD2GQ</b>	<b>1,205.8</b>	1.39		<b>901.2</b>	2.65X		<b>939.2</b>	-0.06		<b>1,209.5</b>	1.05		<b>837.2</b>	1.29		
<b>DR37GM</b>	<b>1,036.3</b>	-0.08	0.48	<b>492.6</b>	-0.96	0.27	<b>946.1</b>	0.03	0.44	<b>1,090.2</b>	0.17	0.35	<b>714.9</b>	-0.07	0.58	
<b>DTBJYP</b>	<b>992.9</b>	-0.45	1.17	<b>526.6</b>	-0.66	0.31	<b>977.4</b>	0.39	0.58	<b>969.9</b>	-0.72	0.93	<b>721.3</b>	0.00	0.88	
<b>EAXY2L</b>	<b>890.5</b>	-1.34	0.36	<b>518.5</b>	-0.73	0.20	<b>843.2</b>	-1.18	0.34	<b>889.8</b>	-1.31	0.50	<b>669.3</b>	-0.58	0.99	
<b>F84YTF</b>	<b>1,103.5</b>	0.51	0.97	<b>633.1</b>	0.28	0.39	<b>832.3</b>	-1.31	0.08	<b>1,103.0</b>	0.26	0.64	<b>748.6</b>	0.30	0.70	
<b>FFE2DF</b>	<b>1,042.2</b>	-0.02	0.99	<b>695.4</b>	0.83	0.36	<b>1,007.1</b>	0.74	0.78	<b>1,211.1</b>	1.06	0.27	<b>846.0</b>	1.39	1.61	
<b>FGQQMK</b>	<b>844.9</b>	-1.73		<b>461.1</b>	-1.24		<b>804.0</b>	-1.64		<b>851.8</b>	-1.59		<b>571.6</b>	-1.66		
<b>FRA8CK</b>	<b>990.6</b>	-0.47	0.61	<b>513.7</b>	-0.77	0.23	<b>938.8</b>	-0.06	0.14	<b>976.3</b>	-0.67	0.29	<b>694.0</b>	-0.30	0.71	
<b>HRP4WJ</b>	<b>1,119.7</b>	0.65	0.54	<b>652.3</b>	0.45	0.16	<b>1,011.0</b>	0.79	0.96	<b>1,137.7</b>	0.52	0.03	<b>752.0</b>	0.34	0.29	
<b>NEC2T9</b>	<b>1,004.7</b>	-0.35	0.19	<b>487.9</b>	-1.00	0.19	<b>950.2</b>	0.07	0.98	<b>1,013.2</b>	-0.40	0.27	<b>690.3</b>	-0.34	0.50	
<b>NQ6HHA</b>	<b>1,368.9</b>	2.80X	1.91	<b>686.5</b>	0.75	0.41	<b>929.2</b>	-0.17	0.43	<b>1,362.0</b>	2.17	1.35	<b>837.6</b>	1.29	0.69	
<b>NVJBHE</b>	<b>893.2</b>	-1.31	0.86	<b>508.1</b>	-0.82	1.40	<b>932.8</b>	-0.13	2.05	<b>933.1</b>	-0.99	1.27	<b>573.1</b>	-1.65	0.10	
<b>QWMPRA</b>	<b>1,051.0</b>	0.05	0.77	<b>606.3</b>	0.05	0.28	<b>957.7</b>	0.16	0.57	<b>1,048.7</b>	-0.14	0.82	<b>740.3</b>	0.21	1.02	
<b>TARMZA</b>	<b>912.5</b>	-1.15	1.20	<b>482.7</b>	-1.05	0.48	<b>877.7</b>	-0.78	0.23	<b>926.7</b>	-1.04	0.31	<b>640.7</b>	-0.90	1.14	
<b>TL2339</b>	<b>961.9</b>	-0.72	0.76	<b>540.9</b>	-0.53	0.09	<b>848.6</b>	-1.12	0.19	<b>977.1</b>	-0.67	0.27	<b>619.9</b>	-1.13	0.62	
<b>U3HQP9</b>	<b>1,155.7</b>	0.96	0.32	<b>713.6</b>	0.99	0.07	<b>1,011.0</b>	0.79	0.12	<b>1,124.9</b>	0.42	0.14	<b>770.1</b>	0.54	0.12	
<b>VEQX2Y</b>	<b>1,066.4</b>	0.19	0.85	<b>609.6</b>	0.08	0.18	<b>953.7</b>	0.12	0.11	<b>1,070.9</b>	0.02	0.43	<b>699.6</b>	-0.24	0.20	
<b>VYCRPZ</b>	<b>1,199.2</b>	1.33	0.31	<b>767.0</b>	1.47	0.40	<b>1,066.1</b>	1.44	0.71	<b>1,231.8</b>	1.21	0.87	<b>970.4</b>	2.77X	1.85	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WBBHB9</b>	<b>1,133.8</b>	0.77	0.41	<b>637.8</b>	0.32	0.55	<b>941.6</b>	-0.03	0.36	<b>1,159.7</b>	0.68	0.48	<b>777.1</b>	0.62	0.49	
<b>XU2BF3</b>	<b>1,045.0</b>	0.00		<b>625.0</b>	0.21		<b>1,017.0</b>	0.86		<b>1,101.0</b>	0.25		<b>743.0</b>	0.24		
Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	1,045.0			601.1			943.8			1,067.6			721.3			
<b>Median Abs Dev</b>	73.8			82.6			65.8			90.1			48.8			
<b>Avg Within Lab SD</b>	28.9			36.6			42.6			35.9			21.7			
<b>Labs Included</b>	27			27			28			28			27			
<b>Labs Reporting</b>	28			28			28			28			28			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>5.49</b>	4.32X	9.98	<b>2.89</b>	0.75	2.41	<b>3.76</b>	0.99	2.25	<b>3.56</b>	0.45	0.76			
<b>2QMUQU</b>	<b>3.74</b>	0.11	1.21	<b>2.74</b>	0.25	4.21	<b>3.58</b>	0.43	0.39	<b>3.48</b>	0.25	2.30	<b>1.80</b>	0.15	0.74
<b>362FMT</b>	<b>3.53</b>	-0.39	0.35	<b>2.68</b>	0.02	0.27	<b>3.33</b>	-0.34	0.06	<b>3.52</b>	0.35	0.04	<b>1.68</b>	-0.31	0.46
<b>3AVAPZ</b>	<b>3.88</b>	0.45	1.60	<b>2.68</b>	0.04	1.30	<b>3.58</b>	0.45	2.39	<b>3.33</b>	-0.16	1.88	<b>1.75</b>	-0.05	2.09
<b>7G2HEQ</b>	<b>3.27</b>	-1.03	1.03	<b>2.53</b>	-0.48	1.05	<b>3.20</b>	-0.73	0.51	<b>2.63</b>	-2.09	0.38	<b>1.57</b>	-0.78	2.51
<b>99HTTN</b>	<b>3.50</b>	-0.46	0.10	<b>2.60</b>	-0.24	0.17	<b>3.15</b>	-0.88	0.08	<b>2.88</b>	-1.41	0.07	<b>1.59</b>	-0.70	0.18
<b>9TTHAR</b>	<b>3.71</b>	0.03	0.58	<b>2.55</b>	-0.43	0.80	<b>2.92</b>	-1.60	1.16	<b>3.18</b>	-0.59	1.62	<b>1.63</b>	-0.54	0.30
<b>9Z8RBT</b>	<b>3.71</b>	0.03	2.76	<b>2.60</b>	-0.26	1.47	<b>2.99</b>	-1.38	0.75	<b>3.00</b>	-1.07	2.68	<b>1.82</b>	0.24	2.37
<b>AMY7NU</b>	<b>4.19</b>	1.18	0.95	<b>2.76</b>	0.32	0.62	<b>3.12</b>	-0.98	0.44	<b>3.51</b>	0.33	0.61	<b>2.22</b>	1.81	1.25
<b>AWMXET</b>	<b>3.63</b>	-0.15	0.28	<b>2.53</b>	-0.49	0.14	<b>3.46</b>	0.07	0.09	<b>3.40</b>	0.01	0.42	<b>1.59</b>	-0.68	0.12
<b>BCTKWL</b>	<b>3.03</b>	-1.59	0.87	<b>2.11</b>	-1.97	0.35	<b>3.00</b>	-1.35	0.64	<b>2.60</b>	-2.18	0.00	<b>1.46</b>	-1.19	0.98
<b>BQTMDF</b>	<b>3.60</b>	-0.23		<b>2.27</b>	-1.40		<b>4.20</b>	2.36X		<b>3.50</b>	0.29		<b>1.76</b>	-0.01	
<b>CJMCHK</b>	<b>3.66</b>	-0.09	0.24	<b>2.70</b>	0.10	0.36	<b>3.63</b>	0.61	0.90	<b>3.44</b>	0.14	0.15	<b>1.65</b>	-0.45	0.55
<b>CWD2GQ</b>	<b>3.97</b>	0.65		<b>2.67</b>	-0.02		<b>3.04</b>	-1.21		<b>3.29</b>	-0.28		<b>1.90</b>	0.53	
<b>DR37GM</b>	<b>3.64</b>	-0.13	0.31	<b>2.66</b>	-0.04	0.18	<b>3.28</b>	-0.48	0.41	<b>3.28</b>	-0.31	0.24	<b>1.63</b>	-0.53	0.20
<b>DTBJYP</b>	<b>4.20</b>	1.22	0.51	<b>2.83</b>	0.54	0.10	<b>3.84</b>	1.25	0.26	<b>3.46</b>	0.17	0.51	<b>1.99</b>	0.90	1.28
<b>EAXY2L</b>	<b>3.89</b>	0.47	0.41	<b>2.67</b>	-0.02	0.16	<b>3.29</b>	-0.44	1.23	<b>3.35</b>	-0.12	1.54	<b>1.89</b>	0.52	1.33
<b>F84YTF</b>	<b>3.92</b>	0.54	1.44	<b>2.62</b>	-0.16	0.19	<b>2.93</b>	-1.58	0.25	<b>3.58</b>	0.52	0.15	<b>1.85</b>	0.35	1.32
<b>FFE2DF</b>	<b>3.66</b>	-0.10	0.76	<b>2.33</b>	-1.18	0.81	<b>3.46</b>	0.07	0.76	<b>3.36</b>	-0.08	0.55	<b>1.88</b>	0.46	0.26
<b>FGQQMK</b>	<b>3.16</b>	-1.29		<b>2.13</b>	-1.89		<b>3.33</b>	-0.33		<b>2.85</b>	-1.49		<b>1.39</b>	-1.48	
<b>FRA8CK</b>	<b>3.64</b>	-0.13	0.53	<b>2.77</b>	0.33	1.43	<b>3.36</b>	-0.24	0.48	<b>3.14</b>	-0.71	0.12	<b>1.78</b>	0.07	0.64
<b>HG44YM</b>	<b>3.57</b>	-0.30	2.35	<b>2.52</b>	-0.54	0.32	<b>3.24</b>	-0.62	0.95	<b>3.07</b>	-0.89	0.48	<b>1.56</b>	-0.80	0.55
<b>HRP4WJ</b>	<b>4.36</b>	1.61	1.03	<b>3.21</b>	1.89	0.82	<b>3.61</b>	0.55	0.25	<b>3.79</b>	1.08	0.04	<b>1.97</b>	0.82	0.64
<b>JETLFG</b>	<b>4.57</b>	2.09	0.21	<b>2.88</b>	0.73	0.29	<b>3.31</b>	-0.40	0.15	<b>3.40</b>	0.01	0.19	<b>2.31</b>	2.16	0.23
<b>JLUVQF</b>	<b>4.03</b>	0.81	0.90	<b>2.86</b>	0.65	0.43	<b>3.47</b>	0.11	0.76	<b>3.50</b>	0.30	1.87	<b>1.81</b>	0.19	1.06
<b>L3Q84A</b>	<b>3.90</b>	0.49	0.68	<b>2.90</b>	0.80	0.00	<b>3.63</b>	0.61	0.30	<b>3.43</b>	0.11	1.01	<b>1.95</b>	0.73	0.74



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NEC2T9	3.68	-0.03	0.46	2.51	-0.57	0.28	3.56	0.37	0.49	3.25	-0.39	0.24	1.77	0.01	0.23
NQ6HHA	6.21	6.04X	1.16	3.08	1.41	0.67	3.82	1.19	1.03	5.34	5.35X	1.77	2.33	2.26	2.03
NVJBHE	3.26	-1.05	1.57	2.38	-1.01	0.83	3.22	-0.68	0.70	2.92	-1.29	0.87	1.48	-1.14	1.03
QJZMD7	3.79	0.23	0.10	2.93	0.89	0.71	3.17	-0.84	0.27	3.32	-0.20	0.48	1.86	0.40	0.58
QWMPRA	3.99	0.71	0.47	2.86	0.66	0.55	3.48	0.14	0.94	3.65	0.70	0.10	1.82	0.24	0.30
TARMZA	3.50	-0.47	2.37	2.35	-1.12	0.30	3.44	0.00	1.40	3.00	-1.07	1.25	1.45	-1.24	0.75
TL2339	3.56	-0.32	0.72	2.61	-0.21	0.14	3.62	0.56	0.79	3.39	0.00	1.70	1.73	-0.13	0.64
U2AD98	4.40	1.69	0.00	3.00	1.15		3.70	0.81	0.00	4.00	1.67		2.00	0.94	
U3HQP9	4.25	1.34	0.09	2.87	0.69	0.07	3.57	0.42	0.07	3.64	0.69	0.10	2.18	1.67	0.23
UTCQC2	3.56	-0.32	0.10	2.45	-0.78	0.22	3.29	-0.45	0.10	2.98	-1.13	0.17	1.56	-0.79	0.25
VEQX2Y	3.78	0.20	0.54	2.68	0.04	0.65	3.76	1.00	0.41	3.49	0.26	0.27	1.72	-0.16	0.29
VYCRPZ	4.62	2.22	0.31	3.24	1.99	0.51	3.77	1.04	0.69	4.24	2.33	1.51	2.75	3.90X	1.96
WBBHB9	4.29	1.43	0.27	2.94	0.92	0.49	3.64	0.62	2.03	3.99	1.65	0.41	1.94	0.71	0.23
X6FA2X	3.44	-0.61	0.24	2.68	0.03	0.07	3.18	-0.80	0.16	3.20	-0.54	0.20	1.67	-0.36	0.11
XU2BF3	3.50	-0.47		2.50	-0.60		3.20	-0.73		3.40	0.02		1.70	-0.25	
Z72TY2	3.57	-0.31	0.39	2.47	-0.71	0.40	3.53	0.30	3.01	3.27	-0.35	0.38	1.70	-0.25	0.00

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Grand Median	3.70			2.67			3.44			3.39			1.76	
Median Abs Dev	0.20			0.17			0.20			0.14			0.13		
Avg Within Lab SD	0.15			0.15			0.19			0.15			0.08		
Labs Included	40			42			41			41			40		
Labs Reporting	42			42			42			42			41		





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	39.3	-0.08	0.50	12.0	-0.40	0.54	52.9	-0.41	0.36	179.3	-0.18	0.23	69.6	-0.51	0.50
2QMUQU	45.6	0.65	1.30	15.0	0.41	3.20	64.4	1.32	3.23	210.6	1.13	2.25	86.7	0.52	0.94
362FMT	36.1	-0.46	0.50	12.6	-0.24	0.21	52.5	-0.45	0.45	189.7	0.26	0.09	69.2	-0.53	0.68
3AVAPZ	40.0	0.00	1.68	12.3	-0.30	0.70	60.7	0.76	1.46	180.0	-0.15	0.69	78.0	0.00	0.91
7G2HEQ	40.0	0.00	1.10	18.0	1.22	1.21	55.3	-0.04	1.14	124.3	-2.48	0.63	76.3	-0.10	1.72
99HTTN	33.0	-0.83	0.13	10.6	-0.76	0.18	46.1	-1.42	0.12	141.6	-1.75	0.08	64.2	-0.83	0.10
9TTHAR	34.9	-0.60	1.33	10.8	-0.72	1.03	45.8	-1.47	1.71	170.3	-0.56	1.35	66.4	-0.71	1.11
9Z8RBT	52.7	1.50	3.48	16.2	0.73	2.66	62.0	0.96	2.62	189.0	0.23	3.27	95.5	1.06	3.49
AMY7NU	58.2	2.13	1.01	22.3	2.39	1.25	70.8	2.27	0.77	205.8	0.93	0.56	131.4	3.23X	0.25
BCKTOWL	38.9	-0.13	0.19	12.2	-0.35	0.19	57.3	0.25	0.83	159.5	-1.01	0.68	68.2	-0.59	0.93
BQTMDT	40.0	0.00		12.7	-0.20		57.0	0.21		184.0	0.02		75.7	-0.14	
CJMCHK	45.5	0.64	0.33	15.5	0.56	0.33	60.7	0.76	0.49	184.6	0.05	0.52	83.6	0.33	0.41
CWD2GQ	45.9	0.69		10.6	-0.76		50.5	-0.76		183.1	-0.02		96.5	1.12	
DR37GM	35.7	-0.50	0.60	13.6	0.05	0.41	54.2	-0.21	0.84	189.8	0.26	0.09	78.1	0.00	0.31
DTBJYP	41.7	0.20	0.77	12.9	-0.15	0.48	63.6	1.20	0.31	201.5	0.75	1.02	84.0	0.36	1.75
EAXY2L	35.7	-0.51	0.29	13.8	0.09	0.23	54.5	-0.16	0.71	187.8	0.18	0.23	82.4	0.27	0.81
F84YTF	42.6	0.31	1.07	15.2	0.46	0.72	53.6	-0.30	0.18	196.1	0.53	1.00	93.1	0.91	0.66
FFE2DF	23.0	-1.99	0.64	6.7	-1.82	0.13	54.1	-0.23	0.14	230.4	1.96	0.48	50.3	-1.68	0.98
FGQQMK	23.2	-1.98		7.0	-1.75		46.0	-1.43		145.1	-1.61		52.5	-1.54	
FRA8CK	34.2	-0.68	0.56	14.8	0.36	0.13	49.1	-0.97	0.36	163.2	-0.85	0.63	69.3	-0.53	0.20
HG44YM	30.9	-1.07	0.54	9.1	-1.16	0.03	48.5	-1.06	0.35	173.3	-0.43	0.54	60.7	-1.05	0.44
HRP4WJ	47.8	0.92	0.87	17.3	1.03	0.32	62.6	1.04	0.87	185.0	0.06	0.18	95.6	1.06	0.16
JETLFG	67.0	3.18X	0.75	21.4	2.14	0.49	74.3	2.80X	0.36	187.1	0.15	0.18	121.4	2.62	0.41
JLUVQF	40.1	0.01	0.56	12.9	-0.14	0.60	57.6	0.30	0.96	177.6	-0.25	1.23	78.4	0.02	0.72
NEC2T9	37.0	-0.35	0.66	14.6	0.29	0.44	54.8	-0.11	0.38	182.8	-0.03	0.31	78.2	0.01	0.51
NQ6HHA	46.2	0.73	1.78	15.0	0.41	0.98	55.8	0.04	1.02	219.8	1.52	2.34	95.2	1.04	1.86



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NVJBHE	34.7	-0.62	0.62	13.2	-0.07	2.26	51.6	-0.60	0.50	148.9	-1.45	0.40	63.1	-0.90	0.39	
QWMRPA	46.1	0.71	0.91	15.0	0.41		61.3	0.86	0.26	194.0	0.44	0.84	87.0	0.54	0.46	
TARMZA	35.5	-0.53	0.68	12.0	-0.41	0.27	52.5	-0.46	0.18	181.4	-0.09	0.94	67.7	-0.63	0.37	
TL2339	42.4	0.29	0.35	12.5	-0.25	0.24	56.6	0.16	0.32	172.0	-0.48	0.43	77.6	-0.02	0.62	
U2AD98	48.0	0.94		18.0	1.22		60.0	0.66		220.0	1.53		99.0	1.27		
U3HQP9	36.7	-0.39	0.06	11.0	-0.66	0.03	57.3	0.26	0.08	172.4	-0.47	0.11	72.1	-0.36	0.14	
VEQX2Y	42.6	0.31	0.68	13.3	-0.05	0.07	62.3	1.00	0.20	180.7	-0.12	0.60	83.1	0.30	0.36	
VYCRPZ	58.0	2.11	0.42	19.9	1.72	0.64	76.5	3.12X	1.34	215.6	1.34	0.65	133.2	3.34X	2.13	
WBBHB9	42.2	0.26	0.30	14.2	0.20	0.38	59.1	0.52	0.45	206.3	0.95	0.52	88.5	0.63	0.34	
X6FA2X	42.8	0.33	0.42	13.9	0.11	0.02	54.0	-0.23	0.13	172.1	-0.48	0.45	75.8	-0.13	0.24	
XU2BF3	42.0	0.23		14.0	0.15		61.0	0.81		184.0	0.02		93.0	0.91		
Z72TY2	29.3	-1.25	0.37	8.0	-1.47		51.7	-0.59	0.52	161.0	-0.94	0.26	60.7	-1.05	0.30	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
Grand Median	40.0			13.5			55.6			183.6			78.0			
Median Abs Dev	4.6			1.5			4.0			11.3			9.4			
Avg Within Lab SD	1.6			0.8			2.2			6.6			3.8			
Labs Included	37			38			36			38			36			
Labs Reporting	38			38			38			38			38			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2LX942	259.7	-0.12	0.33	263.3	-0.28	0.17	178.3	-0.24	0.48	209.3	-0.11	0.35	180.0	-0.32	0.48		
2QMUQU	326.8	1.14	2.47	330.4	1.02	3.94	212.4	1.23	2.82	247.8	0.84	1.80	228.3	1.30	2.14		
362FMT	261.2	-0.09	0.10	281.1	0.07	0.07	181.8	-0.09	0.10	226.0	0.30	0.11	185.4	-0.14	0.28		
3AVAPZ	271.0	0.09	0.78	272.0	-0.11	0.40	194.7	0.47	1.06	216.7	0.07	0.43	201.0	0.38	1.22		
7G2HEQ	262.3	-0.07	0.71	301.7	0.46	0.77	200.0	0.70	1.50	187.7	-0.64	0.67	189.7	0.00	0.80		
99HTTN	244.3	-0.41	0.17	242.7	-0.68	0.04	162.5	-0.92	0.06	188.7	-0.61	0.14	165.7	-0.80	0.06		
9TTHAR	235.3	-0.58	1.17	250.1	-0.54	1.41	151.0	-1.42	1.86	192.3	-0.52	1.70	165.9	-0.80	1.10		
9Z8RBT	327.0	1.15	2.56	322.0	0.86	2.72	197.7	0.60	2.35	226.0	0.30	3.53	234.3	1.50	3.36		
AMY7NU	373.4	2.02	1.19	386.3	2.11	0.93	257.2	3.16X	0.58	299.6	2.11	0.55	348.4	5.32X	0.53		
BCTKWL	284.4	0.34	1.04	264.6	-0.26	0.47	186.8	0.13	0.49	208.7	-0.12	0.60	197.9	0.28	0.58		
CJMCHK	306.4	0.76	0.11	316.1	0.74	0.35	197.2	0.57	0.43	237.2	0.58	0.33	211.8	0.74	1.05		
CWD2GQ	297.0	0.58		332.9	1.07		206.1	0.96		245.8	0.79		233.2	1.46			
DR37GM	265.1	-0.02	1.21	276.8	-0.02	0.28	178.1	-0.25	0.87	213.6	0.00	0.71	180.1	-0.32	0.28		
DTBJYP	254.7	-0.22	0.68	271.9	-0.11	0.20	193.7	0.42	0.60	202.7	-0.27	0.78	186.2	-0.12	0.80		
EAXY2L	224.0	-0.79	0.34	252.8	-0.48	0.22	171.8	-0.52	0.46	198.0	-0.38	0.48	181.7	-0.27	0.20		
F84YTF	289.5	0.44	1.23	311.4	0.65	0.65	183.6	-0.01	0.25	239.9	0.64	0.95	218.2	0.95	0.51		
FFE2DF	157.4	-2.05	1.40	230.8	-0.91	2.02	178.1	-0.25	0.15	182.7	-0.76	1.83	190.1	0.01	2.02		
FGQQMK	180.6	-1.61		191.1	-1.68		141.5	-1.83		152.9	-1.49		130.0	-2.00			
FRA8CK	253.7	-0.23	0.50	258.1	-0.38	0.16	178.4	-0.24	0.25	196.3	-0.43	0.34	169.3	-0.68	0.16		
HG44YM	229.0	-0.70	0.56	241.8	-0.70	0.08	159.7	-1.04	0.49	190.0	-0.58	0.49	168.5	-0.71	0.50		
HRP4WJ	318.6	0.99	0.57	327.1	0.96	0.65	228.2	1.91	1.08	260.7	1.15	0.10	231.4	1.40	0.13		
JETLFG	403.3	2.58	0.07	396.5	2.30	0.13	267.9	3.63X	0.30	296.8	2.04	0.27	328.2	4.64X	0.28		
JLUVQF	241.7	-0.46	1.51	275.1	-0.05	0.55	178.2	-0.24	1.23	195.8	-0.44	0.39	181.8	-0.26	0.35		
L3Q84A	248.3	-0.34	0.63	272.0	-0.11	0.26	195.0	0.48	0.56	209.7	-0.10	0.26	191.0	0.04	0.39		
NEC2T9	250.7	-0.29	0.55	253.4	-0.47	0.36	178.2	-0.24	0.54	199.1	-0.36	0.22	180.4	-0.31	0.32		
NQ6HHA	344.3	1.47	2.11	338.2	1.17	0.52	177.4	-0.28	0.68	296.0	2.02	1.62	224.3	1.16	1.61		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>NVJBHE</b>	<b>237.8</b>	-0.53	0.35	<b>246.8</b>	-0.60	0.73	<b>174.2</b>	-0.42	1.29	<b>191.9</b>	-0.53	0.58	<b>158.3</b>	-1.05	0.13
<b>QWMRPA</b>	<b>274.0</b>	0.15	0.75	<b>278.7</b>	0.02	0.04	<b>189.0</b>	0.22	0.71	<b>220.7</b>	0.17	0.82	<b>202.3</b>	0.42	0.67
<b>TARMZA</b>	<b>229.1</b>	-0.70	0.37	<b>241.3</b>	-0.71	0.33	<b>168.4</b>	-0.67	0.21	<b>185.7</b>	-0.69	0.22	<b>156.2</b>	-1.12	0.78
<b>TL2339</b>	<b>261.9</b>	-0.08	0.22	<b>252.1</b>	-0.50	0.17	<b>173.5</b>	-0.45	0.34	<b>202.5</b>	-0.27	0.14	<b>180.1</b>	-0.32	0.64
<b>U2AD98</b>	<b>328.0</b>	1.17		<b>337.0</b>	1.15		<b>204.0</b>	0.87		<b>270.0</b>	1.38		<b>220.0</b>	1.02	
<b>U3HQP9</b>	<b>267.2</b>	0.02	0.08	<b>291.2</b>	0.26	0.04	<b>216.1</b>	1.39	0.16	<b>237.3</b>	0.58	0.03	<b>243.1</b>	1.79	0.15
<b>VEQX2Y</b>	<b>286.8</b>	0.39	1.07	<b>302.4</b>	0.48	0.40	<b>198.3</b>	0.62	0.34	<b>219.4</b>	0.14	0.07	<b>188.9</b>	-0.03	0.14
<b>VYCRPZ</b>	<b>337.7</b>	1.35	0.36	<b>364.5</b>	1.68	0.24	<b>244.3</b>	2.61	1.64	<b>290.9</b>	1.89	1.19	<b>339.1</b>	5.01X	2.74
<b>WBBHB9</b>	<b>283.9</b>	0.34	0.43	<b>298.8</b>	0.41	0.55	<b>197.9</b>	0.61	0.14	<b>246.8</b>	0.81	0.35	<b>208.5</b>	0.63	0.25
<b>X6FA2X</b>	<b>280.3</b>	0.27	0.12	<b>291.3</b>	0.26	0.08	<b>184.1</b>	0.01	0.16	<b>213.8</b>	0.00	0.37	<b>194.5</b>	0.16	0.17
<b>XU2BF3</b>	<b>273.0</b>	0.13		<b>293.0</b>	0.30		<b>197.0</b>	0.57		<b>233.0</b>	0.47		<b>203.0</b>	0.45	
<b>Z72TY2</b>	<b>215.7</b>	-0.95	0.17	<b>223.0</b>	-1.06	0.14	<b>164.7</b>	-0.83	0.60	<b>172.3</b>	-1.01	1.48	<b>170.0</b>	-0.66	0.19

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg	
	SRS2411		SRS2412		SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	266.1		277.7		183.9	213.7	189.7
<b>Median Abs Dev</b>	23.9		26.6		12.6	22.7	18.8
<b>Avg Within Lab SD</b>	9.2		13.8		7.8	8.2	9.2
<b>Labs Included</b>	38		38		36	38	35
<b>Labs Reporting</b>	38		38		38	38	38



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>10.51</b>	-0.34	1.74	<b>3.22</b>	-0.61	0.47							<b>2.65</b>	-0.77	0.84
<b>2QMUQU</b>	<b>11.48</b>	0.23	2.32	<b>3.96</b>	0.81	4.22	<b>1.69</b>	1.77	0.50	<b>1.87</b>	1.32	3.02	<b>3.50</b>	1.01	2.15
<b>362FMT</b>	<b>9.98</b>	-0.66	0.26	<b>3.40</b>	-0.28	0.14	<b>1.30</b>	-0.48	0.18	<b>1.51</b>	-0.24	0.10	<b>2.89</b>	-0.26	0.34
<b>3AVAPZ</b>	<b>11.47</b>	0.23	1.07	<b>3.51</b>	-0.06	0.56	<b>1.39</b>	0.04	0.93	<b>1.48</b>	-0.36	0.69	<b>2.98</b>	-0.07	1.35
<b>7G2HEQ</b>	<b>9.67</b>	-0.85	0.32	<b>3.53</b>	-0.01	0.27	<b>1.33</b>	-0.31	0.97	<b>1.40</b>	-0.70	0.00	<b>2.83</b>	-0.38	0.87
<b>99HTTN</b>	<b>10.47</b>	-0.37	0.73	<b>2.96</b>	-1.11	0.15	<b>1.68</b>	1.73	0.45	<b>1.46</b>	-0.43	0.15	<b>2.67</b>	-0.72	0.11
<b>9TTHAR</b>	<b>11.21</b>	0.07	0.91	<b>3.55</b>	0.01	0.56	<b>1.35</b>	-0.22	1.61	<b>1.68</b>	0.49	0.57	<b>3.12</b>	0.23	0.54
<b>9Z8RBT</b>	<b>13.23</b>	1.28	2.10	<b>3.98</b>	0.86	2.56	<b>1.38</b>	-0.02	2.84	<b>1.55</b>	-0.07	3.36	<b>3.35</b>	0.71	1.79
<b>AMY7NU</b>	<b>13.77</b>	1.60	0.93	<b>4.16</b>	1.19	0.10	<b>1.32</b>	-0.41	1.28	<b>1.74</b>	0.75	1.35	<b>3.80</b>	1.65	0.85
<b>BCKWLV</b>	<b>13.86</b>	1.66	1.80	<b>4.69</b>	2.21	1.80	<b>2.38</b>	5.87X	2.97	<b>2.04</b>	2.06	0.57	<b>2.91</b>	-0.23	1.21
<b>BQTMDT</b>	<b>10.60</b>	-0.29		<b>3.13</b>	-0.79		<b>1.39</b>	0.02		<b>1.53</b>	-0.14		<b>2.97</b>	-0.10	
<b>CJMCHK</b>	<b>11.56</b>	0.28	0.26	<b>3.88</b>	0.65	0.46	<b>1.51</b>	0.71	0.29	<b>1.76</b>	0.83	0.05	<b>3.17</b>	0.33	0.51
<b>CWD2GQ</b>	<b>11.16</b>	0.04		<b>3.24</b>	-0.57		<b>1.25</b>	-0.82		<b>1.63</b>	0.29		<b>3.11</b>	0.19	
<b>DR37GM</b>	<b>10.45</b>	-0.38	0.28	<b>3.62</b>	0.15	0.07	<b>1.55</b>	0.94	0.35	<b>1.54</b>	-0.11	0.35	<b>3.05</b>	0.07	0.30
<b>DTBJYP</b>	<b>11.88</b>	0.47	0.51	<b>3.82</b>	0.53	0.69	<b>1.49</b>	0.63	0.93	<b>1.47</b>	-0.40	0.36	<b>3.52</b>	1.06	1.91
<b>EAXY2L</b>	<b>10.91</b>	-0.11	0.23	<b>3.49</b>	-0.10	0.13	<b>1.29</b>	-0.59	0.26	<b>1.59</b>	0.11	0.56	<b>3.23</b>	0.44	2.18
<b>F84YTF</b>	<b>12.77</b>	1.00	0.67	<b>3.96</b>	0.81	0.67	<b>1.38</b>	-0.03	1.12	<b>1.61</b>	0.19	1.34	<b>3.38</b>	0.76	1.33
<b>FFE2DF</b>	<b>9.50</b>	-0.95	0.84	<b>2.59</b>	-1.82	0.70	<b>1.20</b>	-1.10	0.27	<b>1.30</b>	-1.12	0.43	<b>2.93</b>	-0.19	0.60
<b>FGQQMK</b>	<b>8.76</b>	-1.39		<b>2.70</b>	-1.62		<b>1.27</b>	-0.69		<b>1.29</b>	-1.18		<b>2.50</b>	-1.08	
<b>FRA8CK</b>	<b>9.73</b>	-0.81	0.22	<b>3.33</b>	-0.40	0.40	<b>1.49</b>	0.59	0.39	<b>1.57</b>	0.03	0.20	<b>2.74</b>	-0.58	0.54
<b>HG44YM</b>	<b>10.37</b>	-0.43	0.84	<b>3.30</b>	-0.46	0.38	<b>1.32</b>	-0.41	1.53	<b>1.47</b>	-0.42	1.07	<b>2.85</b>	-0.35	1.02
<b>HRP4WJ</b>	<b>11.66</b>	0.34	1.28	<b>3.56</b>	0.03	1.26	<b>1.57</b>	1.08	1.18	<b>1.56</b>	0.00	1.27	<b>3.58</b>	1.18	2.02
<b>JETLFG</b>	<b>13.65</b>	1.53	0.13	<b>3.84</b>	0.57	0.19	<b>1.46</b>	0.45	0.30	<b>1.77</b>	0.90	0.21	<b>3.67</b>	1.38	0.11
<b>JLUVQF</b>	<b>11.49</b>	0.24	0.72	<b>3.69</b>	0.28	0.49	<b>1.47</b>	0.52	1.65	<b>1.65</b>	0.35	0.60	<b>3.32</b>	0.64	0.06
<b>NEC2T9</b>	<b>10.36</b>	-0.43	0.24	<b>3.49</b>	-0.10	0.10	<b>1.54</b>	0.88	0.23	<b>1.65</b>	0.39	0.33	<b>2.93</b>	-0.18	0.33
<b>NQ6HHA</b>	<b>13.97</b>	1.72	1.21	<b>3.92</b>	0.73	0.44	<b>1.43</b>	0.28	0.68	<b>1.99</b>	1.85	0.78	<b>3.53</b>	1.08	0.21



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>NVJBHE</b>	<b>9.02</b>	-1.24	1.09	<b>2.86</b>	-1.32	0.51	<b>1.29</b>	-0.57	1.94	<b>1.35</b>	-0.90	0.22	<b>2.37</b>	-1.35	0.79
<b>QWMRPA</b>	<b>11.90</b>	0.49	0.54	<b>3.81</b>	0.52	0.21	<b>1.31</b>	-0.45	1.17	<b>1.65</b>	0.37	0.76	<b>3.25</b>	0.49	0.40
<b>TARMZA</b>	<b>10.63</b>	-0.27	2.20	<b>3.53</b>	-0.03	0.61	<b>1.41</b>	0.14	0.77	<b>1.50</b>	-0.29	0.51	<b>2.82</b>	-0.40	0.68
<b>TL2339</b>	<b>9.74</b>	-0.81	0.69	<b>3.16</b>	-0.73	0.11	<b>1.32</b>	-0.41	0.49	<b>1.51</b>	-0.22	0.59	<b>2.69</b>	-0.69	0.53
<b>U2AD98</b>	<b>13.00</b>	1.14		<b>4.30</b>	1.47	0.00	<b>1.60</b>	1.26	0.00	<b>1.90</b>	1.45	0.00	<b>4.00</b>	2.07	
<b>U3HQP9</b>	<b>11.09</b>	0.00	0.11	<b>3.32</b>	-0.43	0.10	<b>1.44</b>	0.34	0.02	<b>1.74</b>	0.76	0.13	<b>3.30</b>	0.60	0.21
<b>VEQX2Y</b>	<b>10.68</b>	-0.24	0.48	<b>3.65</b>	0.22	0.57	<b>1.20</b>	-1.12	0.68	<b>1.37</b>	-0.82	0.21	<b>2.77</b>	-0.52	0.38
<b>VYCRPZ</b>	<b>13.55</b>	1.47	0.34	<b>4.17</b>	1.22	0.38	<b>1.68</b>	1.71	1.13	<b>2.07</b>	2.17	1.12	<b>3.89</b>	1.85	0.93
<b>WBBHB9</b>	<b>13.13</b>	1.22	0.33	<b>4.00</b>	0.88	0.44	<b>1.54</b>	0.88	0.10	<b>1.88</b>	1.37	0.50	<b>3.55</b>	1.13	0.28
<b>X6FA2X</b>	<b>11.09</b>	0.00	0.21	<b>3.65</b>	0.22	0.16	<b>1.30</b>	-0.50	0.10	<b>1.42</b>	-0.61	0.25	<b>2.96</b>	-0.12	0.09
<b>XU2BF3</b>	<b>10.70</b>	-0.23		<b>3.20</b>	-0.66		<b>1.10</b>	-1.69		<b>1.40</b>	-0.70		<b>2.80</b>	-0.45	
<b>Z72TY2</b>	<b>9.77</b>	-0.79	0.24	<b>2.93</b>	-1.17	0.27	<b>1.30</b>	-0.51	0.00	<b>1.43</b>	-0.56	0.58	<b>2.87</b>	-0.31	0.43

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg				
	SRS2411		SRS2412		SRS2413		SRS2414		SRS2415	
<b>Grand Median</b>	11.1		3.54		1.39		1.56		3.02	
<b>Median Abs Dev</b>	0.8		0.31		0.09		0.11		0.26	
<b>Avg Within Lab SD</b>	0.5		0.21		0.06		0.10		0.13	
<b>Labs Included</b>	38		38		36		37		38	
<b>Labs Reporting</b>	38		38		37		37		38	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2QMUQU	0.58	-0.02	2.99	1.60	-0.02	2.12	0.33	0.02	3.87	0.52	-0.14	3.36	0.36	0.10	3.16		
362FMT	0.58	-0.03	0.53	1.74	0.50	0.16	0.33	0.00	0.17	0.60	0.33	0.20	0.36	0.11	0.05		
7G2HEQ	0.37	-1.03	2.84	1.10	-1.75	0.77	1.10	3.98X	2.78	1.00	2.79X	2.65	0.33	-0.06	2.88		
99HTTN	0.50	-0.38	0.38	1.26	-1.19	0.08	0.27	-0.29	0.00	0.45	-0.62	0.15	0.29	-0.32	0.14		
9Z8RBT	0.34	-1.18	1.40	1.03	-2.00	4.36	0.15	-0.93	1.40	0.36	-1.18	1.51	0.17	-1.12	1.32		
BCTKWL	0.34	-1.14	0.38	1.33	-0.96	0.04	0.13	-1.01	0.28	0.31	-1.47	0.27	0.13	-1.36	0.29		
CJMCHK	0.44	-0.70	1.10	1.61	0.04	0.31	0.24	-0.43	0.48	0.47	-0.50	0.79	0.21	-0.85	0.73		
CWD2GQ	0.64	0.27		1.69	0.30		0.26	-0.36		0.57	0.12		0.30	-0.26			
DR37GM	0.59	0.02	0.40	1.64	0.13	0.29	0.33	0.00	0.38	0.54	-0.05	0.12	0.35	0.06	0.16		
DTBJYP	0.64	0.28	0.65	1.77	0.58	0.59	0.41	0.43	1.27	0.58	0.20	0.53	0.39	0.31	0.66		
EAXY2L	0.77	0.92	0.28	1.74	0.50	0.12	0.46	0.68	0.96	0.68	0.82	0.96	0.50	1.00	0.52		
F84YTF	0.10	-2.31	0.00	0.72	-3.08	0.12	0.10	-1.17	0.00	0.10	-2.77	0.00	0.10	-1.57	0.00		
FGQQMK	0.39	-0.92		1.23	-1.30		0.21	-0.60		0.46	-0.54		0.22	-0.80			
FRA8CK	0.56	-0.12	0.39	1.56	-0.14	0.35	0.35	0.14	0.21	0.49	-0.36	0.21	0.33	-0.10	0.22		
HG44YM	0.49	-0.46	0.51	1.57	-0.09	0.12	0.23	-0.48	0.42	0.41	-0.85	1.22	0.24	-0.64	0.14		
HRP4WJ	1.02	2.08	0.79	1.75	0.54	0.40	0.57	1.23	0.42	0.83	1.72	0.31	0.55	1.37	1.18		
JLUVQF	0.58	-0.03	0.34	1.65	0.17	0.21	0.32	-0.05	0.25	0.52	-0.20	0.23	0.32	-0.17	0.21		
L3Q84A	0.62	0.20	0.62	1.65	0.18	0.20	0.38	0.29	0.16	0.54	-0.03	0.41	0.37	0.20	0.29		
NEC2T9	0.59	0.02	0.28	1.62	0.08	0.20	0.35	0.13	0.45	0.55	0.03	0.27	0.36	0.11	0.10		
NQ6HHA	0.15	-2.07	0.29	1.32	-0.99	0.22	0.98	3.35	0.69	1.41	5.34X	0.55	1.22	5.71X	1.14		
NVJBHE	0.41	-0.82	0.88	1.29	-1.08	0.55	0.24	-0.46	1.31	0.35	-1.25	1.28	0.23	-0.73	0.36		
TARMZA	0.63	0.23	0.25	1.65	0.18	0.35	0.39	0.31	0.58	0.60	0.30	0.31	0.36	0.11	0.25		
TL2339	0.73	0.69	0.79	1.60	0.00	0.23	0.40	0.36	0.58	0.61	0.41	2.03	0.45	0.70	1.09		
U2AD98	0.80	1.04	0.00	0.66	-3.30X	0.00	0.82	2.54	0.00	0.79	1.50	0.00	0.91	3.68	0.00		
U3HQP9	0.65	0.33	0.88	1.61	0.03	0.19	0.57	1.25	0.74	0.64	0.55	0.23	0.38	0.27	0.68		
VEQX2Y	0.34	-1.16	0.65	1.45	-0.53	0.39	0.05	-1.43	0.28	0.29	-1.57	1.07	0.12	-1.47	0.38		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg	
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>VYCRPZ</b>	<b>0.61</b>	0.14	0.76	<b>1.70</b>	0.36	0.25	<b>0.31</b>	-0.06	1.20	<b>0.58</b>	0.20	0.66	<b>0.31</b>	-0.20	0.93	
<b>WBBHB9</b>	<b>0.69</b>	0.50	0.78	<b>1.91</b>	1.08	0.26	<b>0.32</b>	-0.06	0.38	<b>0.60</b>	0.32	0.27	<b>0.34</b>	0.00	0.10	
<b>X6FA2X</b>	<b>0.70</b>	0.56	0.24	<b>1.10</b>	-1.76	0.13	<b>0.54</b>	1.12	0.52	<b>0.64</b>	0.54	0.05	<b>0.58</b>	1.54	0.37	
<b>XU2BF3</b>	<b>0.70</b>	0.56		<b>1.60</b>	0.00		<b>0.40</b>	0.38		<b>0.60</b>	0.32		<b>0.40</b>	0.37		
<b>Z72TY2</b>	<b>1.70</b>	5.35X	2.46	<b>2.60</b>	3.51X	1.55	<b>1.50</b>	6.04X	2.78	<b>1.63</b>	6.71X	1.53	<b>1.40</b>	6.86X	2.50	

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg	
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	<b>Grand Median</b>	0.58			1.60			0.33			0.55			0.34		
<b>Median Abs Dev</b>	0.11			0.14			0.08			0.07			0.05			
<b>Avg Within Lab SD</b>	0.04			0.13			0.04			0.04			0.04			
<b>Labs Included</b>	30			29			29			28			29			
<b>Labs Reporting</b>	31			31			31			31			31			





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>2.44</b>	-0.08	2.05	<b>1.11</b>	0.35	3.30	<b>2.21</b>	-0.36	0.35	<b>2.60</b>	0.30	2.70	<b>0.71</b>	0.29	0.95	
<b>38BFRZ</b>	<b>3.15</b>	1.08	0.50	<b>1.14</b>	0.46	0.29	<b>2.67</b>	0.57	0.31	<b>3.09</b>	1.41	0.22	<b>0.77</b>	0.74	0.36	
<b>3B7CBY</b>	<b>2.99</b>	0.81	0.22	<b>1.16</b>	0.56	0.21	<b>2.80</b>	0.83	0.15	<b>2.81</b>	0.78	1.19	<b>0.71</b>	0.34	0.10	
<b>66RH9Y</b>	<b>2.64</b>	0.24	0.14	<b>1.16</b>	0.56	0.16	<b>2.40</b>	0.02	0.07	<b>2.70</b>	0.54	0.08	<b>0.68</b>	0.10	0.04	
<b>84A99W</b>	<b>2.66</b>	0.28	0.00	<b>1.10</b>	0.28	0.00	<b>2.58</b>	0.38	0.00	<b>2.68</b>	0.49	0.00	<b>0.67</b>	0.04	0.00	
<b>9WTU7R</b>	<b>2.27</b>	-0.37	0.52	<b>0.77</b>	-1.35	1.11	<b>1.13</b>	-2.50	1.12	<b>2.33</b>	-0.29	0.82	<b>0.43</b>	-1.55	1.35	
<b>9YYC9U</b>	<b>2.40</b>	-0.15	0.91	<b>1.03</b>	-0.07	1.45	<b>2.10</b>	-0.57	0.30	<b>2.37</b>	-0.20	0.43	<b>0.56</b>	-0.72	1.06	
<b>9Z8RBT</b>	<b>2.99</b>	0.81	1.25	<b>1.34</b>	1.45	0.88	<b>2.40</b>	0.03	0.47	<b>2.46</b>	0.00	1.36	<b>0.73</b>	0.47	0.95	
<b>AMY7NU</b>	<b>3.11</b>	1.02	0.26	<b>1.04</b>	0.00	0.40	<b>2.55</b>	0.32	0.02	<b>2.71</b>	0.57	0.16	<b>0.68</b>	0.08	0.28	
<b>AWMXET</b>	<b>1.80</b>	-1.13	0.19	<b>1.25</b>	1.01	0.19	<b>1.71</b>	-1.35	0.02	<b>1.68</b>	-1.77	0.46	<b>0.79</b>	0.83	0.14	
<b>AXHFFU</b>	<b>1.73</b>	-1.24	0.52	<b>0.83</b>	-1.02	1.11	<b>2.83</b>	0.89	0.68	<b>1.63</b>	-1.88	1.64	<b>0.40</b>	-1.78	0.00	
<b>B78PYN</b>	<b>2.65</b>	0.26	0.48	<b>1.05</b>	0.05	0.80	<b>2.61</b>	0.44	0.31	<b>2.75</b>	0.65	0.75	<b>0.68</b>	0.11	0.62	
<b>CV3VKP</b>	<b>0.67</b>	-2.97X	0.03	<b>0.50</b>	-2.67	0.09	<b>1.41</b>	-1.96	0.02	<b>0.64</b>	-4.14X	0.06	<b>0.31</b>	-2.41	0.12	
<b>CWD2GQ</b>	<b>2.50</b>	0.02		<b>1.01</b>	-0.16		<b>2.35</b>	-0.07		<b>2.45</b>	-0.03		<b>0.56</b>	-0.69		
<b>DTBJYP</b>	<b>3.75</b>	2.06	1.63	<b>1.40</b>	1.72	0.78	<b>2.73</b>	0.68	0.44	<b>2.66</b>	0.45	0.96	<b>1.09</b>	2.85X	1.43	
<b>FFE2DF</b>	<b>2.39</b>	-0.17	0.83	<b>0.96</b>	-0.39	0.80	<b>2.88</b>	0.97	0.25	<b>2.24</b>	-0.50	1.41	<b>0.55</b>	-0.73	0.67	
<b>FZ4BJN</b>	<b>2.95</b>	0.75	0.45	<b>1.01</b>	-0.15	1.55	<b>2.38</b>	-0.02	0.09	<b>2.90</b>	0.99	0.51	<b>0.74</b>	0.52	0.23	
<b>GDKPVL</b>	<b>2.68</b>	0.31	0.86	<b>0.95</b>	-0.44	0.68	<b>2.57</b>	0.36	0.72	<b>2.57</b>	0.25	0.50	<b>0.62</b>	-0.29	0.41	
<b>GN9GMK</b>	<b>2.28</b>	-0.35	2.51	<b>0.96</b>	-0.43	2.50	<b>2.78</b>	0.79	0.17	<b>2.46</b>	-0.01	0.59	<b>0.61</b>	-0.34	0.51	
<b>H9AUVJ</b>	<b>1.73</b>	-1.24	0.00	<b>0.79</b>	-1.24	0.00	<b>1.97</b>	-0.83	0.00	<b>1.78</b>	-1.55	0.14	<b>0.44</b>	-1.53	0.14	
<b>HBAAXE</b>	<b>1.50</b>	-1.62	0.91	<b>0.70</b>	-1.68	0.00	<b>2.10</b>	-0.57	0.30	<b>1.47</b>	-2.26	0.82	<b>0.40</b>	-1.78	0.00	
<b>HG44YM</b>	<b>1.71</b>	-1.28	1.78	<b>1.10</b>	0.26	1.97	<b>1.97</b>	-0.84	0.65	<b>1.93</b>	-1.20	0.83	<b>0.71</b>	0.29	1.43	
<b>HTEERH</b>	<b>3.01</b>	0.84	0.05	<b>1.15</b>	0.50	0.11	<b>2.68</b>	0.58	0.12	<b>2.89</b>	0.96	0.29	<b>0.66</b>	0.00	0.14	
<b>HXDN3K</b>	<b>1.96</b>	-0.87	3.07	<b>1.10</b>	0.29	0.59	<b>2.21</b>	-0.35	1.64	<b>2.04</b>	-0.95	0.87	<b>0.72</b>	0.40	1.15	
<b>HY8GVH</b>	<b>2.17</b>	-0.52	0.12	<b>0.69</b>	-1.72	0.21	<b>1.76</b>	-1.25	0.12	<b>2.24</b>	-0.50	0.21	<b>0.44</b>	-1.51	4.38	
<b>JMMRAH</b>	<b>3.52</b>	1.69	0.31	<b>1.23</b>	0.92	0.54	<b>3.57</b>	2.36	2.70	<b>2.98</b>	1.16	0.26	<b>0.76</b>	0.66	1.47	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>KHNPPF</b>	<b>2.40</b>	-0.15	0.11	<b>0.95</b>	-0.48	0.09	<b>1.90</b>	-0.97	0.09	<b>2.42</b>	-0.11	0.14	<b>0.61</b>	-0.34	0.08	
<b>LQVMXQ</b>	<b>2.55</b>	0.09	1.54	<b>0.97</b>	-0.37	0.11	<b>2.23</b>	-0.32	0.25	<b>2.46</b>	0.00	0.83	<b>0.61</b>	-0.36	0.23	
<b>MG7FPD</b>	<b>1.67</b>	-1.35	0.52	<b>0.80</b>	-1.19	0.00	<b>2.67</b>	0.56	5.21	<b>2.17</b>	-0.67	0.82	<b>0.57</b>	-0.65	1.35	
<b>MLHBPG</b>	<b>2.55</b>	0.09	1.14	<b>0.91</b>	-0.67	0.11	<b>2.51</b>	0.25	0.90	<b>2.50</b>	0.09	0.36	<b>0.56</b>	-0.70	0.41	
<b>NQ6HHA</b>	<b>2.83</b>	0.56	0.28	<b>1.06</b>	0.09	0.88	<b>2.65</b>	0.52	0.12	<b>2.65</b>	0.43	0.82	<b>0.65</b>	-0.09	0.74	
<b>Q6443A</b>	<b>2.66</b>	0.28	0.38	<b>1.10</b>	0.26	0.48	<b>2.46</b>	0.14	0.18	<b>2.70</b>	0.54	0.71	<b>0.61</b>	-0.34	0.54	
<b>QJZMD7</b>	<b>2.10</b>	-0.64	1.01	<b>1.09</b>	0.20	0.50	<b>2.26</b>	-0.26	0.36	<b>2.52</b>	0.13	1.84	<b>0.78</b>	0.81	1.72	
<b>TARMZA</b>	<b>2.96</b>	0.76	0.58	<b>1.18</b>	0.67	0.84	<b>2.70</b>	0.62	0.32	<b>2.71</b>	0.56	0.75	<b>0.75</b>	0.58	0.41	
<b>THG979</b>	<b>2.41</b>	-0.13	0.68	<b>1.26</b>	1.04	0.19	<b>1.83</b>	-1.11	0.10	<b>2.22</b>	-0.55	0.04	<b>0.94</b>	1.84	0.50	
<b>TUBPVA</b>	<b>2.05</b>	-0.72	0.45	<b>0.80</b>	-1.17	0.11	<b>2.29</b>	-0.20	0.30	<b>2.11</b>	-0.81	1.56	<b>0.55</b>	-0.74	1.29	
<b>UTCQC2</b>	<b>1.88</b>	-0.99	0.34	<b>1.12</b>	0.36	0.48	<b>1.92</b>	-0.93	0.12	<b>2.06</b>	-0.91	0.28	<b>0.78</b>	0.79	0.41	
<b>VX8VP7</b>	<b>2.37</b>	-0.20	0.52	<b>0.90</b>	-0.70	0.00	<b>2.27</b>	-0.24	0.34	<b>2.40</b>	-0.14	0.00	<b>0.57</b>	-0.65	1.35	
<b>VYCRPZ</b>	<b>2.52</b>	0.05	0.63	<b>0.98</b>	-0.33	0.50	<b>2.36</b>	-0.05	0.22	<b>2.81</b>	0.79	0.80	<b>0.68</b>	0.14	0.53	
<b>WHNRH2</b>	<b>1.76</b>	-1.20	0.61	<b>0.81</b>	-1.14	1.32	<b>2.03</b>	-0.70	0.27	<b>2.45</b>	-0.04	2.32	<b>0.46</b>	-1.38	0.08	
<b>WM6UP7</b>	<b>2.93</b>	0.71	0.60	<b>1.25</b>	0.99	0.09	<b>2.76</b>	0.74	1.49	<b>2.74</b>	0.63	1.25	<b>0.75</b>	0.60	0.64	
<b>WV9DJL</b>	<b>3.02</b>	0.87	1.53	<b>1.05</b>	0.04	2.19	<b>3.22</b>	1.67	0.27	<b>2.94</b>	1.07	0.39	<b>0.70</b>	0.25	1.29	
<b>X6FA2X</b>	<b>2.23</b>	-0.42	0.52	<b>1.10</b>	0.28	0.00	<b>2.70</b>	0.62	0.30	<b>2.17</b>	-0.67	0.82	<b>0.70</b>	0.25	0.00	
<b>XUWYPL</b>	<b>4.90</b>	3.93X		<b>2.00</b>	4.67X		<b>4.40</b>	4.01X		<b>4.60</b>	4.84X		<b>1.20</b>	3.62X		
<b>Y3BZT2</b>	<b>3.28</b>	1.29	0.40	<b>2.29</b>	6.08X	1.20	<b>2.69</b>	0.60	0.23	<b>3.11</b>	1.47	0.50	<b>0.72</b>	0.40	0.14	
<b>Z4DH63</b>	<b>2.10</b>	-0.64	0.28	<b>1.02</b>	-0.13	0.44	<b>2.20</b>	-0.37	0.18	<b>2.15</b>	-0.71	0.51	<b>0.57</b>	-0.65	0.14	
<b>ZYHN82</b>	<b>2.49</b>	0.00	1.22	<b>0.93</b>	-0.53	1.58	<b>2.26</b>	-0.26	0.41	<b>2.31</b>	-0.34	2.21	<b>0.58</b>	-0.56	0.82	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

<b>Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups</b>						<b>Data units: mg/kg</b>
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	2.49	1.04	2.39	2.46	0.66	
<b>Median Abs Dev</b>	0.39	0.10	0.29	0.25	0.09	
<b>Avg Within Lab SD</b>	0.11	0.05	0.34	0.07	0.04	
<b>Labs Included</b>	45	45	46	45	45	
<b>Labs Reporting</b>	47	47	47	47	47	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>24.27</b>	0.76	3.62	<b>2.57</b>	0.68	4.23	<b>36.75</b>	0.25	1.93	<b>203.55</b>	0.92	2.08	<b>27.65</b>	0.55	1.96	
<b>38BFRZ</b>	<b>32.13</b>	1.59	0.30	<b>2.97</b>	1.12	0.77	<b>34.83</b>	0.00	0.04	<b>189.77</b>	0.54	0.15	<b>34.30</b>	1.36	0.58	
<b>3B7CBY</b>	<b>32.93</b>	1.67	0.21	<b>2.15</b>	0.22	0.22	<b>47.36</b>	1.64	1.80	<b>203.52</b>	0.92	0.77	<b>31.88</b>	1.07	0.45	
<b>66RH9Y</b>	<b>23.53</b>	0.69	0.34	<b>2.06</b>	0.12	0.07	<b>34.95</b>	0.02	0.33	<b>179.58</b>	0.26	0.21	<b>28.70</b>	0.68	0.39	
<b>84A99W</b>	<b>25.43</b>	0.89	0.00	<b>2.78</b>	0.91	0.00	<b>39.78</b>	0.65	0.00	<b>190.09</b>	0.55	0.00	<b>35.04</b>	1.45	0.00	
<b>9WTU7R</b>	<b>14.30</b>	-0.28	0.43	<b>0.90</b>	-1.17	0.00	<b>15.93</b>	-2.48	3.13	<b>165.87</b>	-0.12	0.31	<b>16.53</b>	-0.82	0.36	
<b>9YYC9U</b>	<b>15.40</b>	-0.17	0.12	<b>1.30</b>	-0.73	0.08	<b>30.67</b>	-0.55	0.13	<b>171.67</b>	0.04	0.24	<b>20.57</b>	-0.32	0.29	
<b>9Z8RBT</b>	<b>24.70</b>	0.81	0.48	<b>2.77</b>	0.89	0.58	<b>37.80</b>	0.39	0.40	<b>170.33</b>	0.00	1.32	<b>23.83</b>	0.08	1.03	
<b>AMY7NU</b>	<b>39.79</b>	2.39	0.51	<b>3.21</b>	1.38	0.06	<b>44.88</b>	1.32	0.22	<b>220.80</b>	1.40	0.37	<b>38.01</b>	1.82	0.07	
<b>AWMXET</b>	<b>9.98</b>	-0.73	0.24	<b>1.00</b>	-1.06	0.56	<b>24.79</b>	-1.32	0.15	<b>131.10</b>	-1.09	0.22	<b>14.45</b>	-1.08	0.44	
<b>AXHFFU</b>	<b>12.40</b>	-0.48	0.48	<b>1.23</b>	-0.80	0.29	<b>34.20</b>	-0.08	0.43	<b>118.67</b>	-1.44	0.24	<b>15.00</b>	-1.01	0.67	
<b>B78PYN</b>	<b>21.77</b>	0.50	1.19	<b>1.86</b>	-0.11	0.68	<b>36.87</b>	0.27	0.94	<b>193.33</b>	0.64	0.33	<b>25.80</b>	0.32	1.17	
<b>CV3VKP</b>	<b>7.54</b>	-0.99	0.00	<b>1.32</b>	-0.71	0.02	<b>26.62</b>	-1.08	0.02	<b>57.65</b>	-3.13X	0.01	<b>11.96</b>	-1.38	0.03	
<b>CWD2GQ</b>	<b>15.26</b>	-0.18		<b>0.07</b>	-2.10		<b>22.97</b>	-1.55		<b>92.18</b>	-2.17		<b>21.42</b>	-0.22		
<b>DTBJYP</b>	<b>28.51</b>	1.21	1.13	<b>3.50</b>	1.71	1.24	<b>41.22</b>	0.84	0.68	<b>209.60</b>	1.09	0.15	<b>35.92</b>	1.56	0.06	
<b>FFE2DF</b>	<b>16.58</b>	-0.04	0.89	<b>1.89</b>	-0.08	0.43	<b>38.12</b>	0.43	0.55	<b>149.48</b>	-0.58	0.20	<b>18.71</b>	-0.55	0.96	
<b>FZ4BJN</b>	<b>27.13</b>	1.06	0.42	<b>2.13</b>	0.19	1.54	<b>36.73</b>	0.25	0.26	<b>207.03</b>	1.02	0.52	<b>26.40</b>	0.39	1.14	
<b>GDKPVL</b>	<b>20.00</b>	0.32	1.06	<b>1.57</b>	-0.44	0.29	<b>35.97</b>	0.15	0.76	<b>185.67</b>	0.43	3.73	<b>25.63</b>	0.30	0.40	
<b>GN9GMK</b>	<b>14.26</b>	-0.29	2.08	<b>1.04</b>	-1.02	0.76	<b>36.43</b>	0.21	1.18	<b>166.20</b>	-0.11	1.72	<b>17.75</b>	-0.67	1.96	
<b>H9AUVJ</b>	<b>10.33</b>	-0.70	0.07	<b>0.57</b>	-1.54	0.29	<b>25.37</b>	-1.24	0.04	<b>119.70</b>	-1.41	0.05	<b>15.93</b>	-0.89	0.06	
<b>HBAAXE</b>	<b>13.67</b>	-0.35	0.69	<b>2.00</b>	0.04		<b>33.00</b>	-0.24		<b>128.00</b>	-1.18	0.31	<b>17.67</b>	-0.68	0.56	
<b>HG44YM</b>	<b>9.25</b>	-0.81	0.11	<b>1.41</b>	-0.61	1.45	<b>27.00</b>	-1.03	1.01	<b>142.73</b>	-0.77	2.12	<b>15.30</b>	-0.97	0.67	
<b>HTEERH</b>	<b>27.51</b>	1.10	0.19	<b>2.10</b>	0.15	0.08	<b>38.43</b>	0.47	0.13	<b>227.05</b>	1.58	0.10	<b>30.04</b>	0.84	0.30	
<b>HXDN3K</b>	<b>12.18</b>	-0.50	1.75	<b>1.97</b>	0.01	2.27	<b>28.35</b>	-0.85	0.08	<b>154.85</b>	-0.43	0.66	<b>17.03</b>	-0.76	1.01	
<b>HY8GVH</b>	<b>15.74</b>	-0.13	0.02	<b>1.34</b>	-0.68	0.02	<b>24.23</b>	-1.39	0.03	<b>129.72</b>	-1.13	0.03	<b>18.55</b>	-0.57	0.44	
<b>JMMRAH</b>	<b>38.54</b>	2.26	2.83	<b>3.51</b>	1.72	2.57	<b>48.34</b>	1.77	1.81	<b>205.83</b>	0.99	0.42	<b>40.20</b>	2.09	3.09	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>KHNPPF</b>	<b>14.34</b>	-0.28	0.10	<b>1.37</b>	-0.65	0.08	<b>20.67</b>	-1.85	0.07	<b>113.28</b>	-1.59	0.03	<b>16.44</b>	-0.83	0.05
<b>LQVMXQ</b>	<b>25.22</b>	0.86	0.67	<b>2.02</b>	0.07	0.32	<b>33.48</b>	-0.18	0.51	<b>160.18</b>	-0.28	0.36	<b>28.29</b>	0.63	0.44
<b>MLHBPG</b>	<b>18.30</b>	0.14	0.48	<b>1.40</b>	-0.62	0.00	<b>34.40</b>	-0.06	0.23	<b>174.20</b>	0.11	0.14	<b>23.70</b>	0.06	0.25
<b>NQ6HHA</b>	<b>20.83</b>	0.40	1.08	<b>1.35</b>	-0.68	0.16	<b>37.01</b>	0.28	1.05	<b>166.20</b>	-0.12	0.32	<b>23.41</b>	0.03	0.68
<b>Q6443A</b>	<b>17.47</b>	0.05	0.70	<b>1.96</b>	0.00	0.43	<b>32.27</b>	-0.34	0.23	<b>170.67</b>	0.01	1.05	<b>20.97</b>	-0.27	0.20
<b>QJZMD7</b>	<b>16.98</b>	0.00	1.76	<b>2.43</b>	0.53	0.83	<b>32.09</b>	-0.36	0.34	<b>162.12</b>	-0.23	0.53	<b>29.71</b>	0.80	1.57
<b>TARMZA</b>	<b>25.62</b>	0.91	0.13	<b>2.16</b>	0.22	0.75	<b>38.35</b>	0.46	0.30	<b>184.03</b>	0.38	1.26	<b>28.22</b>	0.62	0.21
<b>THG979</b>	<b>15.79</b>	-0.13	0.12	<b>2.84</b>	0.97	0.08	<b>30.06</b>	-0.62	0.08	<b>168.54</b>	-0.05	0.09	<b>24.30</b>	0.14	0.21
<b>TUBPVA</b>	<b>15.43</b>	-0.16	0.42	<b>1.23</b>	-0.80	0.29	<b>32.00</b>	-0.37	2.52	<b>159.67</b>	-0.30	1.28	<b>21.33</b>	-0.23	2.13
<b>UTCQC2</b>	<b>10.02</b>	-0.73	0.21	<b>1.39</b>	-0.63	0.49	<b>25.71</b>	-1.20	0.42	<b>148.32</b>	-0.61	0.25	<b>14.25</b>	-1.10	0.14
<b>VX8VP7</b>	<b>15.73</b>	-0.13	1.22	<b>1.17</b>	-0.88	0.29	<b>32.30</b>	-0.33	1.11	<b>189.27</b>	0.53	0.46	<b>22.47</b>	-0.09	1.56
<b>VYCRPZ</b>	<b>24.54</b>	0.79	0.24	<b>2.16</b>	0.22	0.75	<b>36.11</b>	0.17	0.50	<b>185.05</b>	0.41	0.24	<b>28.04</b>	0.59	0.26
<b>WHNRH2</b>	<b>13.91</b>	-0.32	0.61	<b>1.12</b>	-0.93	0.28	<b>27.05</b>	-1.02	0.42	<b>162.93</b>	-0.21	1.32	<b>22.05</b>	-0.14	0.46
<b>WM6UP7</b>	<b>24.31</b>	0.77	0.45	<b>2.71</b>	0.83	0.21	<b>35.24</b>	0.05	0.69	<b>182.42</b>	0.34	0.82	<b>23.07</b>	-0.02	0.79
<b>WV9DJL</b>	<b>30.55</b>	1.42	0.55	<b>2.39</b>	0.47	0.49	<b>43.87</b>	1.18	1.39	<b>244.40</b>	2.06	0.86	<b>28.88</b>	0.70	2.33
<b>X6FA2X</b>	<b>15.90</b>	-0.11	0.21	<b>2.10</b>	0.16	0.00	<b>39.27</b>	0.58	0.57	<b>159.13</b>	-0.31	0.42	<b>22.63</b>	-0.07	0.15
<b>Y3BZT2</b>	<b>34.79</b>	1.87	0.46	<b>2.79</b>	0.92	0.22	<b>37.08</b>	0.29	0.18	<b>43.19</b>	-3.54X	0.24	<b>35.80</b>	1.55	0.72
<b>Z4DH63</b>	<b>13.70</b>	-0.34	0.36	<b>1.77</b>	-0.21	0.77	<b>31.20</b>	-0.48	0.47	<b>153.03</b>	-0.48	0.66	<b>22.53</b>	-0.08	0.72
<b>ZYHN82</b>	<b>16.70</b>	-0.03	0.67	<b>1.64</b>	-0.35	0.99	<b>35.51</b>	0.09	2.20	<b>177.30</b>	0.19	1.82	<b>23.20</b>	0.00	0.81

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	17.0			1.96			34.8			170.3			23.2		
<b>Median Abs Dev</b>	4.8			0.61			3.5			18.9			5.1		
<b>Avg Within Lab SD</b>	0.8			0.20			1.5			6.4			1.0		
<b>Labs Included</b>	45			45			45			43			45		
<b>Labs Reporting</b>	45			45			45			45			45		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>182.8</b>	0.84	3.32	<b>93.2</b>	1.12	4.80	<b>63.7</b>	-0.10	1.35	<b>120.3</b>	0.57	2.54	<b>52.2</b>	0.99	3.22
<b>38BFRZ</b>	<b>198.6</b>	1.15	0.05	<b>85.4</b>	0.71	0.01	<b>75.4</b>	0.85	0.33	<b>132.8</b>	1.03	0.02	<b>59.4</b>	1.55	0.19
<b>3B7CBY</b>	<b>140.4</b>	0.02	0.35	<b>67.8</b>	-0.19	0.13	<b>62.6</b>	-0.19	0.47	<b>107.8</b>	0.11	1.40	<b>38.7</b>	-0.07	0.31
<b>66RH9Y</b>	<b>143.1</b>	0.07	0.19	<b>74.6</b>	0.16	0.28	<b>62.9</b>	-0.17	0.20	<b>99.5</b>	-0.20	0.37	<b>38.8</b>	-0.07	0.10
<b>84A99W</b>	<b>152.0</b>	0.24	0.00	<b>109.3</b>	1.94	0.00	<b>68.9</b>	0.32	0.00	<b>129.8</b>	0.92	0.00	<b>54.8</b>	1.19	0.00
<b>9WTU7R</b>	<b>134.3</b>	-0.10	0.51	<b>53.3</b>	-0.93	0.30	<b>32.0</b>	-2.68X	3.02	<b>118.0</b>	0.49	0.43	<b>31.0</b>	-0.68	0.48
<b>9YYC9U</b>	<b>135.7</b>	-0.08	0.22	<b>55.8</b>	-0.80	0.09	<b>52.8</b>	-0.99	0.10	<b>88.5</b>	-0.61	0.20	<b>30.7</b>	-0.70	0.07
<b>9Z8RBT</b>	<b>203.0</b>	1.23	1.40	<b>98.9</b>	1.41	0.32	<b>75.1</b>	0.82	4.29	<b>109.7</b>	0.18	0.76	<b>53.3</b>	1.08	0.92
<b>AMY7NU</b>	<b>224.1</b>	1.64	0.18	<b>93.7</b>	1.14	0.11	<b>81.3</b>	1.33	0.22	<b>140.8</b>	1.33	0.28	<b>58.5</b>	1.49	0.36
<b>AWMXET</b>	<b>137.9</b>	-0.03	0.24	<b>73.7</b>	0.11	0.11	<b>70.8</b>	0.47	0.88	<b>100.4</b>	-0.17	1.29	<b>36.0</b>	-0.28	0.71
<b>AXHFFU</b>	<b>109.7</b>	-0.58	0.22	<b>51.5</b>	-1.03	0.36	<b>58.2</b>	-0.55	0.46	<b>67.3</b>	-1.39	0.51	<b>26.5</b>	-1.03	0.41
<b>B78PYN</b>	<b>149.0</b>	0.18	0.81	<b>70.5</b>	-0.05	0.97	<b>64.6</b>	-0.03	0.93	<b>111.0</b>	0.23	0.90	<b>47.0</b>	0.58	0.97
<b>CV3VKP</b>	<b>73.9</b>	-1.28	0.00	<b>52.3</b>	-0.99	0.01	<b>53.8</b>	-0.91	0.01	<b>45.3</b>	-2.20	0.01	<b>26.7</b>	-1.02	0.01
<b>CWD2GQ</b>	<b>145.0</b>	0.11		<b>72.2</b>	0.04		<b>74.1</b>	0.74		<b>104.6</b>	-0.01		<b>40.5</b>	0.07	
<b>DTBJYP</b>	<b>195.3</b>	1.08	0.10	<b>98.4</b>	1.38	0.07	<b>71.1</b>	0.50	0.11	<b>113.6</b>	0.32	0.26	<b>58.4</b>	1.48	1.61
<b>FFE2DF</b>	<b>127.7</b>	-0.23	0.70	<b>65.6</b>	-0.30	1.19	<b>61.2</b>	-0.30	1.41	<b>88.7</b>	-0.60	1.21	<b>34.9</b>	-0.37	0.60
<b>FZ4BJN</b>	<b>246.7</b>	2.08	0.89	<b>73.5</b>	0.11	1.26	<b>77.2</b>	1.00	1.21	<b>169.9</b>	2.40	1.32	<b>55.6</b>	1.26	0.46
<b>GDKPVL</b>	<b>171.3</b>	0.62	4.25	<b>70.2</b>	-0.07	0.46	<b>65.0</b>	0.00	0.65	<b>111.2</b>	0.24	3.29	<b>44.7</b>	0.40	0.34
<b>GN9GMK</b>	<b>107.7</b>	-0.62	1.07	<b>54.9</b>	-0.85	1.74	<b>64.7</b>	-0.02	0.48	<b>85.9</b>	-0.70	1.00	<b>31.2</b>	-0.66	1.51
<b>H9AUVJ</b>	<b>91.7</b>	-0.93	0.06	<b>58.7</b>	-0.66	0.15	<b>59.7</b>	-0.43	0.16	<b>77.7</b>	-1.01	0.14	<b>29.7</b>	-0.78	0.28
<b>HBAAXE</b>	<b>117.7</b>	-0.43	0.06	<b>61.7</b>	-0.50	0.39	<b>67.3</b>	0.19	0.16	<b>86.0</b>	-0.70	0.25	<b>35.0</b>	-0.36	
<b>HG44YM</b>	<b>92.1</b>	-0.92	1.06	<b>71.1</b>	-0.02	2.12	<b>66.6</b>	0.14	1.30	<b>86.0</b>	-0.70	1.11	<b>39.7</b>	0.01	1.60
<b>HTEERH</b>	<b>156.5</b>	0.33	0.11	<b>78.4</b>	0.36	0.19	<b>67.8</b>	0.23	0.02	<b>110.1</b>	0.19	0.15	<b>39.0</b>	-0.05	0.19
<b>HXDN3K</b>	<b>135.2</b>	-0.08	2.25	<b>84.1</b>	0.65	0.90	<b>75.9</b>	0.89	0.98	<b>106.7</b>	0.07	0.71	<b>42.6</b>	0.23	2.17
<b>HY8GVH</b>	<b>140.8</b>	0.02	0.05	<b>53.7</b>	-0.91	0.10	<b>48.5</b>	-1.34	0.05	<b>104.3</b>	-0.02	0.08	<b>33.3</b>	-0.50	0.08
<b>JMMRAH</b>	<b>205.6</b>	1.28	0.45	<b>92.1</b>	1.06	0.81	<b>75.6</b>	0.86	1.45	<b>131.7</b>	0.99	0.57	<b>51.0</b>	0.90	2.12



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>KHNPPF</b>	<b>153.6</b>	0.27	0.03	<b>58.8</b>	-0.65	0.06	<b>59.7</b>	-0.43	0.09	<b>118.5</b>	0.50	0.06	<b>39.2</b>	-0.03	0.07
<b>LQVMXQ</b>	<b>167.6</b>	0.54	0.18	<b>71.1</b>	-0.02	0.31	<b>67.8</b>	0.23	0.29	<b>119.7</b>	0.55	0.52	<b>44.0</b>	0.35	0.49
<b>MG7FPD</b>	<b>97.8</b>	-0.81	0.10	<b>49.6</b>	-1.13	0.01	<b>41.8</b>	-1.88	0.08	<b>88.6</b>	-0.60	0.00	<b>32.2</b>	-0.58	0.34
<b>MLHBPG</b>	<b>131.1</b>	-0.17	0.12	<b>61.5</b>	-0.51	0.17	<b>56.7</b>	-0.68	0.06	<b>96.3</b>	-0.32	0.15	<b>36.1</b>	-0.28	0.36
<b>NQ6HHA</b>	<b>139.6</b>	0.00	0.04	<b>69.3</b>	-0.11	0.53	<b>57.5</b>	-0.61	0.27	<b>95.6</b>	-0.34	0.39	<b>36.9</b>	-0.21	0.57
<b>Q6443A</b>	<b>121.0</b>	-0.36	1.06	<b>71.8</b>	0.02	0.51	<b>56.9</b>	-0.66	0.38	<b>94.6</b>	-0.38	1.27	<b>34.0</b>	-0.45	1.03
<b>QJZMD7</b>	<b>111.6</b>	-0.54	0.13	<b>66.7</b>	-0.24	0.31	<b>54.3</b>	-0.87	0.31	<b>93.5</b>	-0.42	0.87	<b>34.4</b>	-0.41	0.55
<b>TARMZA</b>	<b>160.0</b>	0.40	0.52	<b>73.9</b>	0.12	0.64	<b>65.9</b>	0.08	0.26	<b>105.1</b>	0.01	0.15	<b>47.4</b>	0.61	0.19
<b>THG979</b>	<b>113.0</b>	-0.52	0.20	<b>54.8</b>	-0.86	0.10	<b>41.6</b>	-1.90	0.22	<b>71.3</b>	-1.24	0.23	<b>33.8</b>	-0.46	0.49
<b>TUBPVA</b>	<b>113.3</b>	-0.51	0.25	<b>54.2</b>	-0.89	1.00	<b>52.0</b>	-1.06	0.75	<b>81.5</b>	-0.86	1.20	<b>31.5</b>	-0.64	0.24
<b>UTCQC2</b>	<b>133.6</b>	-0.12	0.17	<b>89.3</b>	0.92	0.36	<b>69.8</b>	0.39	0.22	<b>105.3</b>	0.02	0.14	<b>45.3</b>	0.44	0.19
<b>VX8VP7</b>	<b>117.3</b>	-0.43	0.75	<b>58.0</b>	-0.69	0.89	<b>54.0</b>	-0.89	1.25	<b>89.3</b>	-0.57	1.15	<b>31.7</b>	-0.63	0.56
<b>VYCRPZ</b>	<b>165.9</b>	0.51	0.07	<b>75.6</b>	0.21	0.41	<b>68.7</b>	0.30	1.00	<b>120.2</b>	0.57	0.05	<b>48.5</b>	0.69	0.78
<b>WHNRH2</b>	<b>89.1</b>	-0.98	0.31	<b>44.0</b>	-1.41	0.49	<b>44.5</b>	-1.67	0.69	<b>90.4</b>	-0.54	1.34	<b>25.9</b>	-1.08	0.61
<b>WM6UP7</b>	<b>242.5</b>	2.00	0.66	<b>110.6</b>	2.01	0.02	<b>74.5</b>	0.78	0.46	<b>142.6</b>	1.40	0.77	<b>65.8</b>	2.06	0.29
<b>WV9DJL</b>	<b>213.7</b>	1.44	0.49	<b>92.2</b>	1.06	0.27	<b>80.8</b>	1.29	0.38	<b>144.3</b>	1.46	0.57	<b>56.1</b>	1.30	0.37
<b>X6FA2X</b>	<b>132.5</b>	-0.14	0.03	<b>79.2</b>	0.40	0.18	<b>66.1</b>	0.09	0.52	<b>85.4</b>	-0.72	0.38	<b>39.6</b>	0.00	0.17
<b>XUWYPL</b>	<b>263.7</b>	2.41		<b>102.9</b>	1.61		<b>78.2</b>	1.08		<b>154.6</b>	1.84		<b>60.3</b>	1.62	
<b>Y3BZT2</b>	<b>38.8</b>	-1.96	0.13	<b>17.6</b>	-2.77X	0.07	<b>15.5</b>	-4.03X	0.18	<b>28.6</b>	-2.82X	0.26	<b>47.4</b>	0.61	0.10
<b>Z4DH63</b>	<b>128.0</b>	-0.22	0.22	<b>74.6</b>	0.16	0.84	<b>59.5</b>	-0.45	0.29	<b>89.6</b>	-0.57	0.30	<b>40.0</b>	0.03	0.81
<b>ZYHN82</b>	<b>201.5</b>	1.20	0.93	<b>81.4</b>	0.51	1.68	<b>84.9</b>	1.62	2.60	<b>125.3</b>	0.76	2.44	<b>57.6</b>	1.42	2.91



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	139.6	71.5	65.0	104.9	39.6	
<b>Median Abs Dev</b>	26.3	12.7	7.5	15.4	7.8	
<b>Avg Within Lab SD</b>	9.3	3.9	3.5	4.0	2.1	
<b>Labs Included</b>	47	46	45	46	47	
<b>Labs Reporting</b>	47	47	47	47	47	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>7.94</b>	0.57	4.18	<b>1.49</b>	0.46	3.28	<b>0.90</b>	0.11	1.59	<b>1.70</b>	0.83	1.90	<b>1.66</b>	1.12	2.04	
<b>38BFRZ</b>	<b>9.00</b>	1.09	0.16	<b>1.47</b>	0.38	0.15	<b>0.97</b>	0.67	0.26	<b>1.88</b>	1.38	0.11	<b>1.70</b>	1.25	0.40	
<b>3B7CBY</b>	<b>8.24</b>	0.71	0.43	<b>1.42</b>	0.20	0.22	<b>0.98</b>	0.73	0.51	<b>1.59</b>	0.49	0.66	<b>1.43</b>	0.34	0.18	
<b>66RH9Y</b>	<b>7.47</b>	0.34	0.35	<b>1.41</b>	0.18	0.35	<b>0.79</b>	-0.81	0.68	<b>1.57</b>	0.45	0.50	<b>1.44</b>	0.40	0.65	
<b>84A99W</b>	<b>7.14</b>	0.17	0.00	<b>1.44</b>	0.28	0.00	<b>0.91</b>	0.16	0.00	<b>1.54</b>	0.35	0.00	<b>1.39</b>	0.22	0.00	
<b>9WTU7R</b>	<b>5.83</b>	-0.47	0.40	<b>1.00</b>	-1.24		<b>0.43</b>	-3.85X	2.95	<b>1.40</b>	-0.08	0.00	<b>1.00</b>	-1.07		
<b>9YYC9U</b>	<b>6.00</b>	-0.38	0.34	<b>1.16</b>	-0.68	0.71	<b>0.82</b>	-0.60	0.92	<b>1.39</b>	-0.10	0.28	<b>1.17</b>	-0.51	0.88	
<b>9Z8RBT</b>	<b>9.60</b>	1.38	1.58	<b>1.69</b>	1.15	1.20	<b>0.97</b>	0.64	1.41	<b>1.53</b>	0.32	0.84	<b>1.64</b>	1.04	0.65	
<b>AMY7NU</b>	<b>10.15</b>	1.65	0.15	<b>1.58</b>	0.75	0.31	<b>1.01</b>	1.03	0.32	<b>1.81</b>	1.17	0.11	<b>1.72</b>	1.32	0.51	
<b>AWMXET</b>	<b>5.28</b>	-0.74	0.29	<b>1.51</b>	0.52	0.69	<b>0.70</b>	-1.64	0.74	<b>0.93</b>	-1.50	0.55	<b>1.32</b>	0.00	0.91	
<b>AXHFFU</b>	<b>4.53</b>	-1.10	0.40	<b>1.10</b>	-0.89	0.00	<b>0.93</b>	0.36	1.48	<b>0.93</b>	-1.49	1.05	<b>1.07</b>	-0.85	1.17	
<b>B78PYN</b>	<b>7.59</b>	0.40	1.22	<b>1.33</b>	-0.10	0.84	<b>0.95</b>	0.47	0.53	<b>1.57</b>	0.43	0.21	<b>1.53</b>	0.68	0.35	
<b>CV3VKP</b>	<b>2.68</b>	-2.01	0.01	<b>0.95</b>	-1.41	0.02	<b>0.71</b>	-1.56	0.12	<b>0.52</b>	-2.73X	0.07	<b>0.83</b>	-1.64	0.05	
<b>CWD2GQ</b>	<b>6.33</b>	-0.22		<b>1.20</b>	-0.54		<b>0.89</b>	0.00		<b>1.35</b>	-0.24		<b>1.14</b>	-0.62		
<b>DTBJYP</b>	<b>8.19</b>	0.69	0.65	<b>1.71</b>	1.22	2.07	<b>0.88</b>	-0.09	0.26	<b>1.37</b>	-0.16	1.37	<b>1.53</b>	0.68	0.40	
<b>FFE2DF</b>	<b>6.47</b>	-0.16	1.11	<b>1.21</b>	-0.51	1.13	<b>0.98</b>	0.73	1.30	<b>1.23</b>	-0.59	1.34	<b>1.20</b>	-0.40	0.88	
<b>FZ4BJN</b>	<b>10.50</b>	1.82	0.34	<b>1.47</b>	0.37	1.73	<b>1.13</b>	2.04	1.48	<b>2.03</b>	1.84	1.05	<b>1.70</b>	1.25	2.02	
<b>GDKPVL</b>	<b>7.48</b>	0.34	0.40	<b>1.24</b>	-0.42	0.68	<b>0.85</b>	-0.32	0.64	<b>1.37</b>	-0.18	0.59	<b>1.37</b>	0.15	0.70	
<b>GN9GMK</b>	<b>6.03</b>	-0.37	1.74	<b>1.13</b>	-0.78	1.44	<b>0.98</b>	0.77	1.36	<b>1.35</b>	-0.23	0.56	<b>1.18</b>	-0.48	1.17	
<b>H9AUVJ</b>	<b>4.53</b>	-1.10	0.05	<b>0.96</b>	-1.38	0.00	<b>0.76</b>	-1.10	0.00	<b>1.04</b>	-1.17	0.00	<b>0.95</b>	-1.23	0.00	
<b>HBAAXE</b>	<b>4.57</b>	-1.09	0.20	<b>1.17</b>	-0.66	0.87	<b>1.00</b>	0.92		<b>1.17</b>	-0.78	1.05	<b>1.00</b>	-1.07		
<b>HG44YM</b>	<b>3.93</b>	-1.40	1.39	<b>1.30</b>	-0.20	0.00	<b>0.83</b>	-0.49	1.48	<b>1.00</b>	-1.29		<b>1.30</b>	-0.08	2.02	
<b>HTEERH</b>	<b>7.47</b>	0.34	0.18	<b>1.46</b>	0.35	0.30	<b>1.03</b>	1.17	0.26	<b>1.78</b>	1.07	0.48	<b>1.37</b>	0.14	0.31	
<b>HXDN3K</b>	<b>5.10</b>	-0.82	0.22	<b>1.74</b>	1.31	1.84	<b>0.87</b>	-0.20	1.26	<b>1.03</b>	-1.20	0.66	<b>1.47</b>	0.49	0.88	
<b>HY8GVH</b>	<b>7.32</b>	0.27	0.22	<b>1.03</b>	-1.13	0.33	<b>0.54</b>	-2.92X	0.39	<b>1.32</b>	-0.31	0.08	<b>1.14</b>	-0.61	0.05	
<b>JMMRAH</b>	<b>11.39</b>	2.26	2.35	<b>2.01</b>	2.24	1.01	<b>1.10</b>	1.80	0.21	<b>2.01</b>	1.77	1.21	<b>1.94</b>	2.03	0.91	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>KHNPPF</b>	<b>0.67</b>	<b>-3.00X</b>	0.02	<b>1.15</b>	-0.71	0.02	<b>0.76</b>	-1.10	0.05	<b>1.43</b>	0.01	0.03	<b>1.20</b>	-0.40	0.10
<b>LQVMXQ</b>	<b>6.87</b>	0.04	0.34	<b>1.19</b>	-0.58	0.60	<b>0.84</b>	-0.43	0.26	<b>1.52</b>	0.30	0.53	<b>1.24</b>	-0.28	0.20
<b>MG7FPD</b>	<b>4.43</b>	-1.15	0.40	<b>1.17</b>	-0.66	0.87	<b>0.70</b>	-1.61	0.00	<b>1.57</b>	0.43	1.05	<b>1.27</b>	-0.19	1.17
<b>MLHBPG</b>	<b>6.62</b>	-0.08	0.18	<b>1.20</b>	-0.56	0.17	<b>0.97</b>	0.64	1.62	<b>1.48</b>	0.17	0.59	<b>1.25</b>	-0.23	0.12
<b>NQ6HHA</b>	<b>7.15</b>	0.18	0.22	<b>1.25</b>	-0.38	0.09	<b>0.91</b>	0.12	1.23	<b>1.42</b>	-0.01	0.14	<b>1.32</b>	-0.03	0.58
<b>NVJBHE</b>	<b>5.86</b>	-0.45	1.17	<b>1.86</b>	1.72	1.05	<b>0.84</b>	-0.44	1.91	<b>0.88</b>	-1.65	0.26	<b>1.54</b>	0.72	1.38
<b>Q6443A</b>	<b>6.78</b>	0.00	1.19	<b>1.38</b>	0.07	0.84	<b>0.83</b>	-0.54	1.94	<b>1.50</b>	0.21	2.18	<b>1.21</b>	-0.36	2.00
<b>QJZMD7</b>	<b>5.53</b>	-0.61	1.11	<b>1.34</b>	-0.07	0.84	<b>0.87</b>	-0.16	1.26	<b>1.35</b>	-0.23	0.83	<b>1.15</b>	-0.59	1.02
<b>TARMZA</b>	<b>7.62</b>	0.41	0.07	<b>1.42</b>	0.20	0.76	<b>0.97</b>	0.64	0.30	<b>1.50</b>	0.22	0.36	<b>1.56</b>	0.79	0.65
<b>THG979</b>	<b>6.61</b>	-0.09	0.23	<b>1.53</b>	0.59	0.39	<b>0.68</b>	-1.81	0.28	<b>0.97</b>	-1.38	0.08	<b>1.53</b>	0.68	0.23
<b>TUBPVA</b>	<b>5.61</b>	-0.58	0.74	<b>1.03</b>	-1.13	0.45	<b>0.90</b>	0.08	1.02	<b>1.22</b>	-0.62	2.39	<b>1.04</b>	-0.94	0.81
<b>UTCQC2</b>	<b>5.62</b>	-0.57	0.84	<b>1.80</b>	1.52	0.26	<b>0.92</b>	0.24	0.26	<b>1.07</b>	-1.08	0.48	<b>1.58</b>	0.86	0.47
<b>UYL3D9</b>	<b>7.20</b>	0.20													
<b>VX8VP7</b>	<b>6.23</b>	-0.27	1.43	<b>1.10</b>	-0.89	1.50	<b>0.80</b>	-0.77	0.00	<b>1.30</b>	-0.38	0.00	<b>1.13</b>	-0.63	1.17
<b>VYCRPZ</b>	<b>7.68</b>	0.44	0.14	<b>1.36</b>	0.00	0.53	<b>0.88</b>	-0.08	0.69	<b>1.49</b>	0.19	0.33	<b>1.56</b>	0.78	1.59
<b>WHNRH2</b>	<b>4.88</b>	-0.93	0.58	<b>1.03</b>	-1.13	0.60	<b>0.83</b>	-0.48	1.51	<b>1.76</b>	1.01	3.17	<b>1.06</b>	-0.86	1.35
<b>WM6UP7</b>	<b>8.90</b>	1.04	0.49	<b>1.49</b>	0.46	0.31	<b>0.88</b>	-0.10	0.34	<b>1.55</b>	0.38	0.64	<b>1.74</b>	1.36	0.50
<b>WV9DJL</b>	<b>8.29</b>	0.74	0.38	<b>1.69</b>	1.13	1.23	<b>1.06</b>	1.40	0.31	<b>1.65</b>	0.68	0.29	<b>1.62</b>	0.98	1.31
<b>X6FA2X</b>	<b>6.13</b>	-0.32	0.20	<b>1.40</b>	0.14	0.00	<b>0.90</b>	0.08	0.00	<b>1.17</b>	-0.78	1.05	<b>1.30</b>	-0.08	0.00
<b>Y3BZT2</b>	<b>8.45</b>	0.82	0.31	<b>1.38</b>	0.07	0.60	<b>0.87</b>	-0.20	0.64	<b>1.84</b>	1.25	0.36	<b>1.42</b>	0.32	0.20
<b>Z4DH63</b>	<b>5.55</b>	-0.60	0.28	<b>1.33</b>	-0.11	0.17	<b>0.84</b>	-0.43	0.51	<b>1.24</b>	-0.56	0.66	<b>1.18</b>	-0.46	0.71
<b>ZYHN82</b>	<b>7.38</b>	0.29	1.21	<b>1.42</b>	0.21	2.19	<b>0.96</b>	0.60	2.36	<b>1.45</b>	0.06	1.75	<b>1.47</b>	0.50	2.11



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

<b>Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups</b>						<b>Data units: mg/kg</b>
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	6.78	1.36	0.89	1.43	1.32	
<b>Median Abs Dev</b>	1.15	0.16	0.07	0.16	0.19	
<b>Avg Within Lab SD</b>	0.29	0.07	0.04	0.05	0.05	
<b>Labs Included</b>	47	47	45	46	47	
<b>Labs Reporting</b>	48	47	47	47	47	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>4.68</b>			<b>1.83</b>			<b>3.03</b>			<b>3.15</b>			<b>1.63</b>					
<b>CWD2GQ</b>	<b>3.80</b>			<b>2.50</b>			<b>3.18</b>			<b>3.34</b>			<b>1.48</b>					
<b>NVJBHE</b>	<b>2.94</b>		1.00	<b>2.17</b>		1.00	<b>2.90</b>		1.00	<b>2.64</b>		1.00	<b>1.37</b>		1.00			1.00
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	3.80			2.17			3.03			3.15			1.48					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.20			0.11			0.12			0.12			0.08					
<b>Labs Included</b>	3			3			3			3			3					
<b>Labs Reporting</b>	3			3			3			3			3					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups													Data units: mg/kg			
SRS2411				SRS2412				SRS2413			SRS2414			SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NVJBHE</b>	<b>24.29</b>		1.00	<b>9.24</b>		1.00	<b>36.09</b>		1.00	<b>104.24</b>		1.00	<b>44.16</b>		1.00	
Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups													Data units: mg/kg			
SRS2411				SRS2412				SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	24.3			9.24			36.1			104.2			44.2			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.7			1.31			0.8			1.8			1.0			
<b>Labs Included</b>	1			1			1			1			1			
<b>Labs Reporting</b>	1			1			1			1			1			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9Z8RBT</b>	<b>3.93</b>	0.23	0.50	<b>10.37</b>	0.49	1.59	<b>39.67</b>	0.35	0.44	<b>4.97</b>	-0.02	1.42	<b>3.20</b>	0.00	0.69	
<b>B78PYN</b>	<b>3.43</b>	-0.06	0.34	<b>9.43</b>	0.00	0.36	<b>36.00</b>	-0.07	0.93	<b>4.73</b>	-0.16	0.41	<b>2.90</b>	-0.18	0.90	
<b>GN9GMK</b>	<b>7.68</b>	2.40	2.92	<b>12.03</b>	1.36	1.51	<b>47.73</b>	1.28	1.80	<b>6.93</b>	1.17	2.33	<b>5.45</b>	1.35	1.50	
<b>H9AUVJ</b>	<b>3.53</b>	0.00	0.04	<b>9.47</b>	0.02	0.30	<b>44.20</b>	0.87	0.53	<b>5.50</b>	0.30	0.28	<b>3.50</b>	0.18	0.15	
<b>HXDN3K</b>	<b>5.50</b>	1.14	0.22	<b>10.61</b>	0.62	1.91	<b>32.23</b>	-0.50	1.99	<b>8.05</b>	1.85	0.26	<b>6.42</b>	1.93	0.79	
<b>NQ6HHA</b>	<b>3.19</b>	-0.20	0.10	<b>8.08</b>	-0.71	0.20	<b>36.58</b>	0.00	0.43	<b>3.87</b>	-0.68	0.34	<b>2.27</b>	-0.55	0.10	
<b>THG979</b>	<b>5.64</b>	1.22	0.11	<b>8.27</b>	-0.61	0.29	<b>18.08</b>	-2.12	0.49	<b>6.62</b>	0.98	0.32	<b>5.17</b>	1.18	1.92	
<b>VEQX2Y</b>	<b>3.30</b>	-0.14	0.06	<b>7.90</b>	-0.80	0.14	<b>30.50</b>	-0.70	0.06	<b>5.00</b>	0.00	0.16	<b>2.73</b>	-0.28	0.38	
<b>Z4DH63</b>	<b>2.33</b>	-0.69	0.18	<b>6.67</b>	-1.45	0.41	<b>38.17</b>	0.18	0.18	<b>3.50</b>	-0.91		<b>2.50</b>	-0.42		

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	3.53			9.43			36.6			5.00			3.20			
<b>Median Abs Dev</b>	0.40			1.18			4.4			1.13			0.70			
<b>Avg Within Lab SD</b>	1.61			0.70			1.6			0.61			0.67			
<b>Labs Included</b>	9			9			9			9			9			
<b>Labs Reporting</b>	9			9			9			9			9			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2QMUQU	0.16	-1.07	1.16	0.19	-1.38	0.07	0.10	-0.71	0.38	0.21	-0.98	0.07	0.07	-0.61	0.79	
3AVAPZ	0.59	0.27	1.20	0.65	-0.25	0.55	0.39	0.96	2.44	0.81	0.72	0.69	0.24	0.65	1.82	
B8F3GP	0.72	0.69	0.79	1.02	0.64	0.81	0.36	0.77	0.38	0.86	0.88	1.50	0.28	0.98	0.26	
CWD2GQ	0.32	-0.56		0.84	0.21		0.12	-0.60		0.26	-0.83		0.14	-0.11		
D9M2LH	0.20	-0.94	0.00	0.20	-1.35	0.00	0.20	-0.14	0.00	0.37	-0.52	1.73	0.10	-0.41		
FFE2DF	0.55	0.15	0.84	0.79	0.09	0.41	0.38	0.89	0.19	0.68	0.37	0.72	0.23	0.60	0.37	
HBAAXE	0.50	0.00		1.30	1.33	0.00	0.43	1.19	2.19	0.60	0.14	0.00	0.10	-0.41	0.00	
HG44YM	0.06	-1.39	0.82	0.44	-0.77	2.94	0.07	-0.87	0.22	0.13	-1.19	0.60	0.04	-0.84	1.05	
HY8GVH	0.14	-1.13	0.06	0.25	-1.24	0.02	0.12	-0.59	0.03	0.28	-0.76	0.06	0.11	-0.30	0.03	
JETLFG	0.62	0.36	0.14	0.62	-0.33	0.10	0.39	0.91	0.40	0.69	0.39	0.32	0.30	1.14	0.57	
JMMRAH	1.02	1.62	2.52	2.49	4.22X	0.94	1.16	5.33X	1.76	1.41	2.44X	2.80	0.46	2.29	0.32	
KHNPPF	0.14	-1.12	0.08	0.21	-1.34	0.04	0.18	-0.27	0.15	0.29	-0.75	0.10	0.13	-0.18	0.07	
MLHBPG	0.53	0.08	0.23	0.79	0.09	0.92	0.28	0.30	0.22	0.61	0.17	0.30	0.22	0.47	0.70	
NVJBHE	0.27	-0.70	0.94	0.87	0.27	0.85	0.16	-0.38	1.19	0.23	-0.91	0.97	0.15	0.00	0.44	
RNBRQR	0.71	0.67	0.33	1.06	0.75	0.83	0.41	1.07	0.27	0.90	1.00	0.89	0.30	1.09	0.49	
THG979	0.36	-0.44	0.27	1.05	0.71	0.19	0.23	0.00	0.34	0.37	-0.52	0.31	0.24	0.62	0.95	
TQE348	0.48	-0.05	0.20	0.74	-0.04	0.27	0.21	-0.06	0.37	0.60	0.14	0.45	0.16	0.06	0.89	
UTCQC2	0.10	-1.24	0.23	0.53	-0.56	0.10	0.14	-0.51	0.22	0.20	-1.01	0.17	0.07	-0.61	0.26	
VYCRPZ	0.67	0.52	0.43	0.47	-0.70	0.53	0.61	2.18	0.81	0.89	0.97	0.43	0.46	2.31	3.05	
WM6UP7	0.10	-1.24	0.17	0.10	-1.60	0.08	0.17	-0.33	1.78	0.25	-0.87	2.66	0.09	-0.47	1.01	
XMJPMY	0.81	0.97	2.19	1.04	0.70	1.08	0.81	3.34X	1.37	0.91	1.01	0.62	0.63	3.63X	2.06	
XMWJ3Y	0.58	0.24	1.64	0.94	0.46	2.04	0.42	1.09	1.43	0.75	0.58	1.31				
ZYHN82	0.52	0.06	0.95	0.77	0.04	1.80	0.28	0.34	0.99	0.50	-0.14	1.67	0.15	-0.02	0.57	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

<b>B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups</b>						<b>Data units: mg/kg</b>
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	0.50	0.76	0.23	0.55	0.15	
<b>Median Abs Dev</b>	0.21	0.27	0.11	0.27	0.08	
<b>Avg Within Lab SD</b>	0.03	0.06	0.03	0.03	0.02	
<b>Labs Included</b>	23	22	21	22	21	
<b>Labs Reporting</b>	23	23	23	23	22	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9YYC9U	0.32	1.03	1.25	0.49	0.42	0.52	0.48	6.80X	0.79	0.27	0.73	0.63	0.11	0.50	0.64	
9Z8RBT	0.13	-0.38	0.76	0.56	1.09	0.90	0.16	-0.52	2.11	0.15	-0.58	0.47	0.07	-0.25	0.64	
AWMXET	0.07	-0.87	0.50	0.43	-0.19	0.79	0.12	-1.35	0.69	0.14	-0.69	0.18	0.07	-0.19	0.98	
AXHFFU	0.33	1.11	0.57	0.44	-0.12	0.59	0.19	0.22	0.45	0.23	0.33	0.91	0.04	-0.87	0.37	
GN9GMK	0.14	-0.35	1.05	0.39	-0.65	0.61	0.18	0.05	1.97	0.19	-0.14	2.99	0.06	-0.50	2.76	
H9AUVJ	0.06	-0.95	0.00	0.38	-0.72	0.00	0.09	-2.02	0.00	0.11	-0.98	0.00	0.04	-0.81	0.00	
HXDN3K	0.22	0.26	2.50	0.58	1.33	1.75	0.18	0.00	0.26	0.22	0.18	0.93	0.13	0.81	1.34	
JMMRAH	1.02	6.44X	3.18	2.49	20.55X	1.80	1.16	21.93X	1.21	1.41	13.21X	2.85	0.46	6.92X	0.45	
MG7FPD				0.33	-1.19	1.97				0.10	-1.09	0.00				
NQ6HHA	0.38	1.49	0.55	0.61	1.57	0.76	0.23	1.04	1.00	0.32	1.26	0.87	0.13	0.84	0.07	
Q6443A				0.46	0.12	0.86										
QJZMD7	0.17	-0.13	1.00	0.54	0.84	1.31	0.17	-0.19	0.27	0.24	0.42	0.74	0.09	0.19	0.74	
VX8VP7	0.28	0.72	0.29	0.47	0.15	0.86	0.21	0.60	0.65	0.31	1.16	0.35	0.10	0.31	0.00	
X6FA2X	0.20	0.13	0.00	0.40	-0.52	0.00	0.20	0.45	0.00	0.20	0.00	0.00	0.20	2.17	0.00	
Z4DH63	0.10	-0.67	0.76	0.40	-0.52	0.90	0.14	-0.97	0.65	0.09	-1.20	0.53	0.05	-0.68	0.37	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
Grand Median	0.18			0.45			0.18			0.20			0.083			
Median Abs Dev	0.09			0.06			0.02			0.06			0.032			
Avg Within Lab SD	0.02			0.03			0.04			0.03			0.016			
Labs Included	12			14			11			13			12			
Labs Reporting	13			15			13			14			13			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3B7CBY</b>	<b>0.35</b>	1.12	0.03	<b>0.38</b>	0.33	0.09	<b>0.09</b>	-0.03	0.04	<b>0.26</b>	0.61	0.07	<b>0.13</b>	0.37	0.06	
<b>AMY7NU</b>	<b>0.28</b>	-0.76	1.00	<b>0.33</b>	-0.52	1.10	<b>0.09</b>	-0.04	0.48	<b>0.21</b>	-1.07	0.80	<b>0.11</b>	-0.57	0.22	
<b>GDKPVL</b>	<b>0.30</b>	-0.12	0.61	<b>0.34</b>	-0.38	0.43	<b>0.09</b>	-0.09	0.71	<b>0.25</b>	0.11	1.31	<b>0.12</b>	-0.29	0.35	
<b>H9AUVJ</b>	<b>0.31</b>	-0.03	0.64	<b>0.35</b>	-0.22	0.04	<b>0.08</b>	-0.54	0.07	<b>0.24</b>	0.00	0.00	<b>0.12</b>	-0.15	0.23	
<b>HTEERH</b>	<b>0.35</b>	1.10	0.12	<b>0.37</b>	0.29	0.34	<b>0.10</b>	0.03	0.14	<b>0.27</b>	0.78	0.17	<b>0.13</b>	0.54	0.03	
<b>HXDN3K</b>	<b>0.37</b>	1.57	2.62	<b>0.45</b>	1.58	3.00	<b>0.13</b>	1.67	2.98	<b>0.30</b>	1.87	2.55	<b>0.17</b>	2.74	3.10	
<b>HY8GVH</b>	<b>0.31</b>	0.00	0.14	<b>0.34</b>	-0.25	0.04	<b>0.10</b>	0.18	0.03	<b>0.22</b>	-0.58	0.13	<b>0.12</b>	0.00	0.14	
<b>JMMRAH</b>	<b>0.49</b>	4.68X	1.43	<b>0.46</b>	1.85	0.15	<b>0.15</b>	2.63	0.37	<b>0.41</b>	5.08X	0.22	<b>0.24</b>	6.24X	0.15	
<b>VEQX2Y</b>	<b>0.31</b>	0.01	0.90	<b>0.37</b>	0.22	0.07	<b>0.12</b>	1.16	0.51	<b>0.26</b>	0.42	0.83	<b>0.13</b>	0.51	0.03	
<b>WBBHB9</b>	<b>0.29</b>	-0.41	0.63	<b>0.32</b>	-0.67	0.43	<b>0.09</b>	-0.50	0.19	<b>0.21</b>	-0.96	0.62	<b>0.11</b>	-0.83	0.05	
<b>WM6UP7</b>	<b>0.26</b>	-1.33	0.86	<b>0.27</b>	-1.55	0.83	<b>0.08</b>	-0.99	0.62	<b>0.21</b>	-0.93	0.55	<b>0.11</b>	-0.64	0.52	
<b>Y3BZT2</b>	<b>0.35</b>	0.98	0.61	<b>0.37</b>	0.22	0.75	<b>0.10</b>	0.24	1.24	<b>0.24</b>	-0.09	0.86	<b>0.14</b>	0.77	0.92	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	0.31			0.36			0.10			0.24			0.12			
<b>Median Abs Dev</b>	0.03			0.02			0.01			0.02			0.01			
<b>Avg Within Lab SD</b>	0.01			0.01			0.01			0.01			0.02			
<b>Labs Included</b>	11			12			12			11			11			
<b>Labs Reporting</b>	12			12			12			12			12			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
362FMT	0.31	-0.80	0.87	0.35	-0.79	0.62	0.08	-0.88	2.00	0.23	-0.46	0.24	0.11	-1.42	0.23	
38BFRZ	0.26	-3.54X	0.15	0.28	-4.26X	0.22	0.08	-1.02	0.09	0.18	-2.30	0.17	0.13	0.29	0.42	
3AVAPZ	0.32	-0.32	0.51	0.36	-0.13	0.73	0.09	-0.18	2.03	0.21	-1.15	1.36	0.12	-0.27	0.95	
4VT6VT	0.52	9.25X	1.46	0.44	3.65X	0.84	0.11	1.02	1.60	0.24	-0.30	0.96	0.12	-0.45	0.00	
9TTHAR	0.34	0.37	2.28	0.37	0.16	0.81	0.09	-0.60	0.00	0.21	-1.12	0.29	0.13	0.04	0.24	
9WTU7R	0.35	1.00	0.44	0.39	1.19	0.82	0.11	1.24	0.80	0.27	1.03	1.76	0.15	1.70	2.34	
AJYURU	0.32	-0.40	0.00	0.37	0.32	0.84	0.10	0.53	0.92	0.24	-0.18	0.00	0.14	0.90	0.00	
AMY7NU	0.32	-0.23	0.72	0.35	-0.68	1.84	0.10	0.43	0.84	0.23	-0.46	1.87	0.13	0.22	0.56	
AXHFFU	0.33	0.08	0.39	0.36	-0.16	0.22	0.09	-0.16	0.42	0.26	0.37	0.10	0.12	-0.20	0.24	
B78PYN	0.35	1.06	0.08	0.37	0.17	0.67	0.09	-0.38	0.16	0.25	0.17	0.29	0.13	0.00	0.24	
BCTKWL	0.31	-0.89	1.46	0.35	-0.64	0.84	0.09	-0.70	0.92	0.24	-0.30	0.96	0.12	-0.67	1.22	
CJMCHK	0.33	-0.08	0.84	0.37	0.32	0.84	0.10	0.28	0.00	0.27	0.86	0.00	0.13	0.22	0.00	
CV3VKP	0.34	0.74	0.08	0.37	0.24	2.11	0.11	0.72	0.58	0.24	-0.30	0.58	0.14	1.21	0.95	
DTBJYP	0.33	0.24	0.84	0.36	-0.48	1.67	0.09	-0.70	0.92	0.25	0.17		0.11	-0.90	1.22	
EAXY2L	0.34	0.47	1.82	0.37	0.14	0.42	0.09	-0.45	0.23	0.27	0.72	0.92	0.13	0.25	0.99	
F84YTF	0.32	-0.26	0.29	0.41	1.92	0.14	0.13	2.18	0.27	0.28	1.35	0.17	0.16	2.33	0.12	
FGQQMK	0.35	1.05		0.39	1.11		0.09	-0.45		0.27	0.86		0.12	-0.45		
GDKPVL	0.31	-1.05	2.23	0.34	-1.11	0.84	0.10	0.28	2.76	0.24	-0.18	1.66	0.12	-0.67	1.22	
GN9GMK	0.36	1.39	1.85	0.38	0.81	1.83	0.11	0.91	1.66	0.28	1.05	1.81	0.14	1.01	2.08	
H9AUVJ	0.33	0.27	0.15	0.38	0.41	0.08	0.10	0.04	0.09	0.26	0.67	0.10	0.13	0.18	0.95	
HXDN3K	0.35	1.21	0.84	0.37	0.00	0.84	0.09	-0.70	0.92	0.26	0.63	0.96	0.12	-0.22	1.22	
HY8GVH	0.31	-0.98	0.20	0.34	-1.09	0.09	0.10	0.19	0.04	0.22	-0.72	0.25	0.12	-0.31	0.48	
JETLFG	0.35	1.05	0.25	0.36	-0.13	0.66	0.09	-0.80	0.94	0.26	0.41	0.33	0.12	-0.25	1.28	
MG7FPD	0.34	0.72	0.84	0.37	0.00	0.84	0.09	-0.45	0.00	0.25	0.05	0.96	0.13	0.00	1.22	
NQ6HHA	0.33	-0.14	0.55	0.36	-0.10	1.09	0.10	-0.04	0.96	0.25	0.05	0.42	0.11	-1.25	1.26	
RLKME8				5.00	220.71X	1.45										



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>TARMZA</b>	<b>0.33</b>	-0.11	0.53	<b>0.34</b>	-1.08	0.38	<b>0.07</b>	-1.60	0.74	<b>0.24</b>	-0.31	0.51	<b>0.10</b>	-1.66	0.21	
<b>TL2339</b>	<b>0.32</b>	-0.24	0.84	<b>0.37</b>	0.00	0.84	<b>0.10</b>	0.04	0.92	<b>0.26</b>	0.52	0.00	<b>0.12</b>	-0.45	0.00	
<b>TRQM64</b>	<b>0.28</b>	-2.48	1.62	<b>0.29</b>	-3.64	1.89	<b>0.06</b>	-2.92X	9.22	<b>0.18</b>	-2.14	2.68	<b>0.08</b>	-3.23X	4.85	
<b>VEQX2Y</b>	<b>0.34</b>	0.32	0.15	<b>0.37</b>	0.29	0.55	<b>0.11</b>	0.85	0.24	<b>0.26</b>	0.52	0.57	<b>0.13</b>	0.37	1.01	
<b>VX8VP7</b>	<b>0.31</b>	-0.73	0.38	<b>0.34</b>	-1.22	0.18	<b>0.12</b>	2.03	0.52	<b>0.24</b>	-0.05	0.36	<b>0.14</b>	0.73	1.09	
<b>WBBHB9</b>	<b>0.29</b>	-1.69	0.72	<b>0.34</b>	-1.44	1.35	<b>0.06</b>	-2.61X	0.24	<b>0.18</b>	-2.21	1.77	<b>0.10</b>	-2.08	2.00	
<b>XMJPMY</b>	<b>0.35</b>	0.90	1.02	<b>0.40</b>	1.35	0.52	<b>0.10</b>	0.53	0.24	<b>0.23</b>	-0.43	0.35	<b>0.14</b>	1.12	0.80	
<b>Y3BZT2</b>	<b>0.33</b>	-0.08	0.84	<b>0.36</b>	-0.48	0.84	<b>0.10</b>	0.53	0.92	<b>0.26</b>	0.40	0.96	<b>0.13</b>	0.22	0.00	
<b>Z4DH63</b>	<b>0.33</b>	0.24	0.84	<b>0.37</b>	0.00	0.84	<b>0.09</b>	-0.70	0.24	<b>0.23</b>	-0.53	0.00	<b>0.13</b>	0.22	0.00	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups						Data units: Percent				
	SRS2411		SRS2412		SRS2413		SRS2414		SRS2415	
<b>Grand Median</b>	0.33		0.37		0.10		0.25		0.13	
<b>Median Abs Dev</b>	0.01		0.01		0.01		0.01		0.01	
<b>Avg Within Lab SD</b>	0.01		0.01		0.01		0.01		0.00	
<b>Labs Included</b>	32		32		32		34		33	
<b>Labs Reporting</b>	34		35		34		34		34	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups															Data units: %		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>2QMUQU</b>	<b>3.37</b>	-0.32		<b>4.40</b>	0.55		<b>2.37</b>	-0.28		<b>2.62</b>	0.05		<b>1.52</b>	-0.43			
<b>38BFRZ</b>	<b>3.68</b>	1.34	0.73	<b>4.64</b>	1.78	0.68	<b>2.42</b>	0.00	0.33	<b>2.58</b>	-0.18	0.60	<b>1.74</b>	1.69	1.24		
<b>4VT6VT</b>	<b>16.27</b>	67.59X	5.05	<b>14.30</b>	51.00X	14.79	<b>6.38</b>	25.45X	8.85	<b>4.55</b>	10.43X	6.32	<b>2.58</b>	9.62X	7.41		
<b>9TTHAR</b>	<b>3.52</b>	0.47	0.32	<b>4.23</b>	-0.30	0.93	<b>2.41</b>	-0.07	0.37	<b>2.33</b>	-1.53	1.20	<b>1.59</b>	0.23	0.58		
<b>AJYURU</b>	<b>3.45</b>	0.13	0.95	<b>4.39</b>	0.50	1.66	<b>2.60</b>	1.20	1.26	<b>2.63</b>	0.13	0.26	<b>1.55</b>	-0.18	1.30		
<b>AXHFFU</b>	<b>3.34</b>	-0.45	0.66	<b>4.13</b>	-0.80	0.39	<b>2.42</b>	0.00	0.77	<b>2.61</b>	0.00	0.17	<b>1.54</b>	-0.27	1.30		
<b>AYB9AR</b>	<b>3.28</b>	-0.74	0.46	<b>4.11</b>	-0.92	0.82	<b>2.38</b>	-0.21	0.62	<b>2.58</b>	-0.14	0.31	<b>1.44</b>	-1.15	0.47		
<b>BCKWLV</b>	<b>3.29</b>	-0.73	1.52	<b>4.13</b>	-0.80	0.97	<b>2.51</b>	0.58	0.68	<b>2.54</b>	-0.38	0.45	<b>1.48</b>	-0.84	0.97		
<b>DTBJYP</b>	<b>3.52</b>	0.48	0.53	<b>4.31</b>	0.10	1.07	<b>2.58</b>	1.07	0.79	<b>2.77</b>	0.84	0.10	<b>1.59</b>	0.20	0.42		
<b>EAXY2L</b>	<b>3.52</b>	0.52	0.28	<b>4.28</b>	-0.02	0.11	<b>2.52</b>	0.64	0.11	<b>2.76</b>	0.79	0.26	<b>1.62</b>	0.55	0.57		
<b>FGQQMK</b>	<b>3.40</b>	-0.13		<b>4.23</b>	-0.30		<b>2.35</b>	-0.43		<b>2.68</b>	0.38		<b>1.55</b>	-0.14			
<b>GDKPVL</b>	<b>3.11</b>	-1.64	3.21	<b>3.96</b>	-1.67	1.52	<b>2.57</b>	1.00	3.12	<b>2.50</b>	-0.61	2.52	<b>1.49</b>	-0.71	2.35		
<b>H9AUVJ</b>	<b>3.10</b>	-1.71	0.32	<b>3.91</b>	-1.94	0.34	<b>2.31</b>	-0.70	0.19	<b>2.43</b>	-0.99	0.06	<b>1.42</b>	-1.41	0.04		
<b>HXD3K</b>	<b>3.60</b>	0.90	0.11	<b>4.31</b>	0.11	1.17	<b>2.40</b>	-0.13	1.71	<b>2.72</b>	0.59	0.34	<b>1.60</b>	0.30	0.42		
<b>HY8GVH</b>	<b>3.33</b>	-0.52	0.04	<b>4.29</b>	0.02	0.03	<b>2.19</b>	-1.48	0.02	<b>2.56</b>	-0.28	0.05	<b>1.56</b>	-0.01	0.13		
<b>JMMRAH</b>	<b>2.73</b>	-3.65X	0.80	<b>2.73</b>	-7.93X	1.59	<b>1.92</b>	-3.16X	1.94	<b>2.21</b>	-2.13	2.83	<b>1.18</b>	-3.67X	0.63		
<b>NQ6HHA</b>	<b>3.55</b>	0.64	0.66	<b>4.46</b>	0.87	0.72	<b>2.67</b>	1.65	0.27	<b>2.81</b>	1.09	0.23	<b>1.66</b>	0.90	0.79		
<b>TARMZA</b>	<b>3.58</b>	0.83	0.53	<b>4.42</b>	0.69	0.79	<b>2.74</b>	2.05	0.33	<b>2.82</b>	1.15	0.87	<b>1.69</b>	1.15	0.89		
<b>TL2339</b>	<b>3.39</b>	-0.20	0.69	<b>4.26</b>	-0.13	0.79	<b>2.37</b>	-0.28	0.27	<b>2.74</b>	0.70	0.00	<b>1.57</b>	0.01	0.32		
<b>TRQM64</b>	<b>4.33</b>	4.78X	2.37	<b>5.41</b>	5.74X	3.27	<b>3.87</b>	9.29X	1.38	<b>3.73</b>	6.00X	2.05	<b>2.66</b>	10.39X	1.52		
<b>VX8VP7</b>	<b>3.47</b>	0.25	0.82	<b>4.29</b>	0.03	2.00	<b>2.45</b>	0.20	1.06	<b>2.79</b>	0.95	1.18	<b>1.75</b>	1.79	1.86		
<b>XMJPMY</b>	<b>3.62</b>	1.04	0.86	<b>4.55</b>	1.34	1.18	<b>2.53</b>	0.73	0.16	<b>2.55</b>	-0.32	0.17	<b>1.71</b>	1.37	0.55		
<b>Z4DH63</b>	<b>3.34</b>	-0.43	0.28	<b>4.17</b>	-0.62	0.22	<b>2.29</b>	-0.79	0.05	<b>2.43</b>	-0.95	0.10	<b>1.55</b>	-0.14	0.28		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups						Data units: %
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	3.43	4.29	2.42	2.61	1.57	
<b>Median Abs Dev</b>	0.10	0.11	0.09	0.11	0.05	
<b>Avg Within Lab SD</b>	0.05	0.05	0.11	0.06	0.04	
<b>Labs Included</b>	20	20	20	21	20	
<b>Labs Reporting</b>	23	23	23	23	23	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>3.37</b>	0.32		<b>4.40</b>	0.71		<b>2.37</b>	-0.24		<b>2.62</b>	0.08		<b>1.52</b>	-0.27	
<b>362FMT</b>	<b>3.30</b>	-0.02	0.05	<b>4.23</b>	0.00	0.06	<b>2.45</b>	0.23	0.26	<b>2.61</b>	0.00	0.10	<b>1.55</b>	0.20	0.46
<b>3AVAPZ</b>	<b>3.27</b>	-0.19	0.32	<b>4.12</b>	-0.46	0.26	<b>2.54</b>	0.77	1.12	<b>2.22</b>	-3.33X	0.14	<b>1.55</b>	0.13	0.85
<b>9WTU7R</b>	<b>3.32</b>	0.07	0.12	<b>4.28</b>	0.23	0.74	<b>2.29</b>	-0.73	0.14	<b>2.62</b>	0.11	0.14	<b>1.51</b>	-0.37	0.56
<b>AMY7NU</b>	<b>3.26</b>	-0.27	1.67	<b>4.36</b>	0.58	2.51	<b>2.41</b>	0.00	1.14	<b>2.60</b>	-0.12	1.36	<b>1.57</b>	0.48	1.91
<b>AYB9AR</b>	<b>3.30</b>	-0.05	0.45	<b>4.12</b>	-0.45	0.40	<b>2.03</b>	-2.31	0.61	<b>2.57</b>	-0.31	0.25	<b>1.42</b>	-1.79	0.15
<b>B78PYN</b>	<b>3.48</b>	0.94	0.32	<b>4.15</b>	-0.34	0.08	<b>2.43</b>	0.12	0.26	<b>2.66</b>	0.40	0.07	<b>1.60</b>	0.93	0.73
<b>CJMCHK</b>	<b>3.27</b>	-0.19	0.36	<b>4.09</b>	-0.60	0.89	<b>2.34</b>	-0.46	0.27	<b>2.59</b>	-0.15	0.14	<b>1.51</b>	-0.37	0.42
<b>CWD2GQ</b>	<b>3.42</b>	0.61		<b>4.21</b>	-0.08		<b>2.48</b>	0.41		<b>2.72</b>	0.94		<b>1.54</b>	0.03	
<b>DTBJYP</b>	<b>3.16</b>	-0.80	0.37	<b>3.90</b>	-1.43	0.19	<b>2.30</b>	-0.71	0.55	<b>2.51</b>	-0.86	0.31	<b>1.45</b>	-1.32	0.73
<b>EAXY2L</b>	<b>3.18</b>	-0.70	0.30	<b>3.88</b>	-1.50	0.25	<b>2.32</b>	-0.56	0.20	<b>2.53</b>	-0.66	0.24	<b>1.44</b>	-1.52	0.76
<b>F84YTF</b>	<b>3.22</b>	-0.45	0.12	<b>4.53</b>	1.28	0.05	<b>2.46</b>	0.31	0.03	<b>2.68</b>	0.59	0.09	<b>1.58</b>	0.58	0.38
<b>FGQQMK</b>	<b>3.31</b>	0.02		<b>4.00</b>	-0.99		<b>2.31</b>	-0.63		<b>2.64</b>	0.26		<b>1.54</b>	0.03	
<b>GDKPVL</b>	<b>3.11</b>	-1.04	2.12	<b>3.96</b>	-1.16	0.64	<b>2.57</b>	0.98	2.20	<b>2.50</b>	-0.98	1.74	<b>1.49</b>	-0.72	3.14
<b>GN9GMK</b>	<b>3.54</b>	1.26	0.37	<b>4.23</b>	0.01	0.52	<b>2.46</b>	0.27	0.94	<b>2.83</b>	1.92	0.04	<b>1.79</b>	3.73X	0.67
<b>H9AUVJ</b>	<b>3.10</b>	-1.11	0.21	<b>3.91</b>	-1.39	0.15	<b>2.31</b>	-0.64	0.13	<b>2.43</b>	-1.58	0.04	<b>1.42</b>	-1.83	0.06
<b>HY8GVH</b>	<b>3.33</b>	0.11	0.03	<b>4.29</b>	0.27	0.01	<b>2.19</b>	-1.38	0.02	<b>2.56</b>	-0.45	0.03	<b>1.56</b>	0.39	0.18
<b>JETLFG</b>	<b>3.54</b>	1.28	0.18	<b>4.29</b>	0.25	0.05	<b>2.33</b>	-0.50	0.07	<b>2.58</b>	-0.26	0.12	<b>1.55</b>	0.18	0.00
<b>MG7FPD</b>	<b>3.59</b>	1.55	0.08	<b>4.38</b>	0.66	0.10	<b>2.49</b>	0.47	0.08	<b>2.68</b>	0.58	0.10	<b>1.59</b>	0.80	0.44
<b>NQ6HHA</b>	<b>3.54</b>	1.26	0.44	<b>4.38</b>	0.67	0.30	<b>2.67</b>	1.55	0.19	<b>2.81</b>	1.71	0.16	<b>1.65</b>	1.75	1.06
<b>Q6443A</b>	<b>3.66</b>	1.92	3.64	<b>4.55</b>	1.38	3.58	<b>2.71</b>	1.82	3.49	<b>2.72</b>	0.95	3.65	<b>1.93</b>	5.96X	14.18
<b>RLKME8</b>				<b>12.02</b>	33.57X	0.34									
<b>TARMZA</b>	<b>3.29</b>	-0.07	0.14	<b>4.23</b>	0.00	0.22	<b>2.44</b>	0.14	0.10	<b>2.69</b>	0.66	0.36	<b>1.56</b>	0.38	0.56
<b>VEQX2Y</b>	<b>3.30</b>	-0.03	0.09	<b>4.14</b>	-0.38	0.08	<b>2.43</b>	0.12	0.12	<b>2.59</b>	-0.19	0.06	<b>1.52</b>	-0.28	0.17
<b>WBBHB9</b>	<b>3.30</b>	-0.05	0.26	<b>4.18</b>	-0.20	0.10	<b>2.41</b>	0.00	0.43	<b>2.34</b>	-2.36	0.22	<b>1.54</b>	-0.03	0.98
<b>WHNRH2</b>	<b>3.66</b>	1.91	0.38	<b>4.80</b>	2.44	0.59	<b>2.20</b>	-1.30	0.57	<b>2.53</b>	-0.66	1.51	<b>1.45</b>	-1.39	0.77



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>XU2BF3</b>	<b>3.55</b>	1.31		<b>4.24</b>	0.05		<b>2.27</b>	-0.87		<b>2.62</b>	0.08		<b>1.51</b>	-0.42				

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups						Data units: Percent			
SRS2411		SRS2412		SRS2413		SRS2414		SRS2415	
<b>Grand Median</b>	3.31	4.23	2.41	2.61	1.54				
<b>Median Abs Dev</b>	0.10	0.12	0.09	0.07	0.03				
<b>Avg Within Lab SD</b>	0.08	0.12	0.15	0.09	0.03				
<b>Labs Included</b>	26	26	26	25	24				
<b>Labs Reporting</b>	26	27	26	26	26				





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups														Data units: %				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>NQ6HHA</b>	<b>0.007</b>		1.00	<b>0.075</b>		1.00	<b>0.006</b>		1.00	<b>0.004</b>		1.00	<b>0.007</b>		1.00			

Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups														Data units: %				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	0.007			0.075			0.006			0.004			0.007					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.000			0.001			0.000			0.000			0.001					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>5.91</b>	0.18	3.30	<b>7.42</b>	-0.02	2.16	<b>3.76</b>	-0.39	3.03	<b>4.49</b>	-0.17	1.47	<b>2.40</b>	-0.13	2.54	
<b>3B7CBY</b>	<b>6.30</b>	0.80	0.17	<b>8.21</b>	0.58	0.23	<b>4.86</b>	1.01	0.37	<b>4.75</b>	0.39	0.50	<b>2.57</b>	0.45	0.21	
<b>66RH9Y</b>	<b>5.82</b>	0.04	0.27	<b>7.71</b>	0.20	0.22	<b>4.02</b>	-0.05	0.25	<b>4.47</b>	-0.21	0.10	<b>2.44</b>	0.02	0.19	
<b>8HCJZP</b>	<b>5.68</b>	-0.18	0.58	<b>7.04</b>	-0.31	0.31	<b>3.58</b>	-0.61	0.30	<b>4.44</b>	-0.27	0.59	<b>2.38</b>	-0.18	0.44	
<b>9WTU7R</b>	<b>6.40</b>	0.95	0.68	<b>6.47</b>	-0.75	1.82	<b>4.03</b>	-0.04	1.14	<b>5.00</b>	0.91	1.78	<b>2.73</b>	0.99	0.52	
<b>9YYC9U</b>	<b>5.32</b>	-0.74	0.51	<b>6.71</b>	-0.56	0.28	<b>3.31</b>	-0.96	0.82	<b>4.14</b>	-0.91	0.14	<b>2.16</b>	-0.91	0.19	
<b>AMY7NU</b>	<b>6.51</b>	1.12	0.10	<b>8.33</b>	0.68	0.28	<b>4.40</b>	0.43	0.11	<b>4.92</b>	0.74	0.24	<b>2.51</b>	0.24	0.31	
<b>CWD2GQ</b>	<b>5.81</b>	0.02		<b>7.39</b>	-0.05		<b>4.09</b>	0.04		<b>4.36</b>	-0.44		<b>2.51</b>	0.25		
<b>F84YTF</b>	<b>5.56</b>	-0.37	0.12	<b>7.80</b>	0.27	0.04	<b>4.25</b>	0.24	0.05	<b>4.62</b>	0.11	0.09	<b>2.72</b>	0.94	0.16	
<b>H9AUVJ</b>	<b>6.22</b>	0.66	0.14	<b>8.60</b>	0.88	1.04	<b>4.67</b>	0.78	0.80	<b>4.99</b>	0.89	0.87	<b>2.99</b>	1.84	0.81	
<b>HBAAXE</b>	<b>3.67</b>	-3.33X	0.39	<b>5.40</b>	-1.57	0.39	<b>3.07</b>	-1.27	0.32	<b>3.37</b>	-2.53	0.39	<b>1.87</b>	-1.90	0.52	
<b>HTEERH</b>	<b>6.50</b>	1.10	0.26	<b>8.29</b>	0.64	0.40	<b>4.09</b>	0.04	0.11	<b>4.90</b>	0.71	0.31	<b>2.53</b>	0.31	0.21	
<b>JETLFG</b>	<b>6.38</b>	0.91	0.86	<b>7.48</b>	0.02	0.29	<b>4.47</b>	0.52	0.46	<b>4.63</b>	0.12	0.63	<b>2.44</b>	0.02	0.64	
<b>JMMRAH</b>	<b>4.70</b>	-1.72	0.51	<b>4.70</b>	-2.10	0.55	<b>3.31</b>	-0.96	1.97	<b>3.81</b>	-1.61	1.93	<b>2.03</b>	-1.37	0.35	
<b>LQVMXQ</b>	<b>5.72</b>	-0.12	0.48	<b>7.52</b>	0.05	0.17	<b>4.20</b>	0.17	0.11	<b>4.57</b>	0.01	0.42	<b>2.31</b>	-0.42	0.27	
<b>TQE348</b>	<b>5.05</b>	-1.17	0.36	<b>6.38</b>	-0.82	0.01	<b>3.73</b>	-0.43	0.39	<b>4.32</b>	-0.51	0.20	<b>2.29</b>	-0.50	0.36	
<b>VEQX2Y</b>	<b>5.78</b>	-0.02	0.18	<b>7.25</b>	-0.15	0.12	<b>4.51</b>	0.57	0.54	<b>4.65</b>	0.18	0.60	<b>2.43</b>	-0.02	0.36	
<b>VVCGUZ</b>	<b>5.29</b>	-0.79	0.26	<b>8.05</b>	0.46	0.61	<b>2.83</b>	-1.57	0.13	<b>4.56</b>	-0.02	0.63	<b>2.08</b>	-1.18	0.37	
<b>VYCRPZ</b>	<b>3.04</b>	-4.31X	0.62	<b>4.32</b>	-2.39	3.23	<b>2.94</b>	-1.42	0.42	<b>2.04</b>	-5.33X	0.14	<b>0.98</b>	-4.87X	0.49	
<b>WBBHB9</b>	<b>5.61</b>	-0.29	0.22	<b>6.78</b>	-0.51	0.07	<b>2.27</b>	-2.29	0.18	<b>3.50</b>	-2.25	1.00	<b>4.43</b>	6.65X	0.45	
<b>WM6UP7</b>	<b>5.39</b>	-0.63	1.09	<b>5.47</b>	-1.52	0.17	<b>3.14</b>	-1.17	0.67	<b>4.62</b>	0.11	1.77	<b>2.27</b>	-0.56	2.41	
<b>Y3BZT2</b>	<b>7.11</b>	2.06	0.24	<b>8.98</b>	1.17	0.22	<b>4.75</b>	0.88	0.37	<b>5.33</b>	1.61	0.35	<b>2.89</b>	1.53	0.46	
<b>Z4DH63</b>	<b>6.00</b>	0.32	0.68	<b>7.80</b>	0.27	0.39	<b>4.17</b>	0.13	0.32	<b>4.57</b>	0.00	0.39	<b>2.37</b>	-0.23	0.52	
<b>ZYHN82</b>	<b>5.39</b>	-0.63	2.37	<b>7.71</b>	0.20	1.34	<b>4.23</b>	0.22	2.32	<b>4.17</b>	-0.84	2.35	<b>2.69</b>	0.86	2.37	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2411	SRS2412	SRS2413	SRS2414	SRS2415	
<b>Grand Median</b>	5.80	7.45	4.06	4.57	2.44	
<b>Median Abs Dev</b>	0.41	0.70	0.43	0.21	0.14	
<b>Avg Within Lab SD</b>	0.15	0.25	0.18	0.15	0.11	
<b>Labs Included</b>	22	24	24	23	22	
<b>Labs Reporting</b>	24	24	24	24	24	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>5.91</b>		1.65	<b>7.42</b>		1.87	<b>3.76</b>		1.67	<b>4.49</b>		0.96	<b>2.40</b>		1.86	
<b>9Z8RBT</b>	<b>5.66</b>		1.09	<b>6.46</b>		0.52	<b>3.46</b>		0.16	<b>4.03</b>		1.21	<b>2.16</b>		0.68	
<b>HY8GVH</b>	<b>5.73</b>		0.01	<b>7.40</b>		0.01	<b>3.77</b>		0.01	<b>4.41</b>		0.02	<b>2.70</b>		0.05	
<b>JMMRAH</b>	<b>4.70</b>		0.26	<b>4.70</b>		0.48	<b>3.31</b>		1.09	<b>3.81</b>		1.27	<b>2.03</b>		0.26	
SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	5.70			6.93			3.61			4.22			2.28			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.29			0.29			0.33			0.23			0.15			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>7.34</b>	1.20	0.49	<b>7.94</b>	1.11	0.39	<b>4.73</b>	1.18	2.17	<b>5.63</b>	1.37	0.30	<b>2.96</b>	0.82	1.07	
<b>2QMUQU</b>	<b>7.12</b>	0.54	3.24	<b>7.42</b>	0.00	3.56	<b>4.59</b>	0.73	1.28	<b>5.19</b>	-0.02	2.33	<b>2.88</b>	0.42	1.16	
<b>362FMT</b>	<b>7.08</b>	0.42	0.10	<b>7.61</b>	0.40	0.39	<b>4.35</b>	0.00	0.35	<b>5.24</b>	0.13	0.21	<b>2.85</b>	0.24	0.33	
<b>4VT6VT</b>	<b>6.23</b>	-2.05	0.33	<b>6.63</b>	-1.72	0.41	<b>3.80</b>	-1.67	0.00	<b>4.43</b>	-2.45	0.28	<b>2.30</b>	-2.55	0.00	
<b>7G2HEQ</b>	<b>7.47</b>	1.58	0.14	<b>8.83</b>	3.05	0.39	<b>3.98</b>	-1.13	0.24	<b>5.50</b>	0.97	0.07	<b>2.62</b>	-0.92	0.34	
<b>99HTTN</b>	<b>6.94</b>	0.02	0.06	<b>7.49</b>	0.14	0.04	<b>4.10</b>	-0.77	0.04	<b>5.19</b>	-0.03	0.05	<b>2.79</b>	-0.07	0.17	
<b>9TTHAR</b>	<b>6.93</b>	0.00	0.88	<b>7.47</b>	0.09	1.48	<b>4.27</b>	-0.25	0.78	<b>5.30</b>	0.32	1.30	<b>2.87</b>	0.34	0.65	
<b>AWMXET</b>	<b>6.87</b>	-0.20	0.13	<b>7.42</b>	0.00	0.21	<b>4.41</b>	0.19	0.00	<b>5.12</b>	-0.26	0.34	<b>2.73</b>	-0.37	0.13	
<b>AXHFFU</b>	<b>6.86</b>	-0.22	0.00	<b>7.44</b>	0.04	0.37	<b>4.31</b>	-0.12	0.61	<b>5.01</b>	-0.62	0.39	<b>2.73</b>	-0.36	0.58	
<b>CJMCHK</b>	<b>6.94</b>	0.03	0.03	<b>7.67</b>	0.54	0.00	<b>4.25</b>	-0.30	0.14	<b>5.34</b>	0.44	0.06	<b>3.00</b>	1.04	0.17	
<b>DTBJYP</b>	<b>6.59</b>	-1.01	0.46	<b>7.04</b>	-0.83	0.22	<b>4.45</b>	0.32	0.24	<b>5.16</b>	-0.13	0.13	<b>2.72</b>	-0.41	0.11	
<b>EAXY2L</b>	<b>6.83</b>	-0.29	0.12	<b>7.37</b>	-0.12	0.46	<b>4.20</b>	-0.44	0.16	<b>5.13</b>	-0.21	0.22	<b>2.68</b>	-0.63	0.34	
<b>FFE2DF</b>	<b>7.00</b>	0.20		<b>7.57</b>	0.31	0.41	<b>4.70</b>	1.08	1.18	<b>5.33</b>	0.43	0.57	<b>2.80</b>	0.00	0.00	
<b>FZ4BJN</b>	<b>6.64</b>	-0.87	0.55	<b>7.24</b>	-0.40	0.96	<b>4.62</b>	0.84	0.52	<b>5.27</b>	0.23	0.62	<b>2.82</b>	0.09	0.90	
<b>GDKPVL</b>	<b>6.90</b>	-0.09	3.45	<b>7.63</b>	0.44	2.79	<b>4.49</b>	0.43	2.36	<b>4.79</b>	-1.30	4.66	<b>2.84</b>	0.20	3.13	
<b>GN9GMK</b>	<b>6.80</b>	-0.39	1.36	<b>7.35</b>	-0.16	1.86	<b>4.65</b>	0.91	3.36	<b>5.01</b>	-0.61	1.41	<b>2.85</b>	0.24	2.01	
<b>HG44YM</b>	<b>6.87</b>	-0.20	1.75	<b>7.20</b>	-0.48	1.23	<b>4.23</b>	-0.35	1.04	<b>5.20</b>	0.00	0.98	<b>2.67</b>	-0.68	0.65	
<b>HRP4WJ</b>	<b>6.52</b>	-1.22	0.46	<b>6.87</b>	-1.20	0.38	<b>3.49</b>	-2.61	0.26	<b>4.70</b>	-1.59	0.37	<b>2.51</b>	-1.46	0.39	
<b>HXDN3K</b>	<b>7.17</b>	0.69	0.72	<b>7.59</b>	0.36	0.85	<b>4.40</b>	0.17	0.85	<b>5.33</b>	0.43	0.53	<b>2.85</b>	0.26	0.81	
<b>JLUVQF</b>	<b>6.89</b>	-0.13	0.81	<b>7.33</b>	-0.20	0.73	<b>4.25</b>	-0.31	0.27	<b>5.11</b>	-0.28	1.37	<b>2.79</b>	-0.05	0.90	
<b>L3Q84A</b>	<b>7.14</b>	0.60	0.07	<b>7.74</b>	0.68	0.11	<b>4.52</b>	0.53	0.18	<b>5.52</b>	1.02	0.05	<b>2.99</b>	0.95	0.36	
<b>NQ6HHA</b>	<b>6.87</b>	-0.18	2.36	<b>7.26</b>	-0.36	2.13	<b>4.25</b>	-0.30	2.09	<b>5.09</b>	-0.36	1.39	<b>2.71</b>	-0.47	2.83	
<b>NVJBHE</b>	<b>5.57</b>	-4.01X	0.18	<b>2.91</b>	-9.80X	0.09	<b>2.59</b>	-5.36X	0.50	<b>1.22</b>	-12.73X	0.19	<b>0.81</b>	-10.18X	0.50	
<b>PF4EXC</b>	<b>7.21</b>	0.80	0.03	<b>8.41</b>	2.14	0.04	<b>5.36</b>	3.10	0.04	<b>5.43</b>	0.75	0.03	<b>3.01</b>	1.07	0.11	
<b>QJZMD7</b>	<b>6.83</b>	-0.29	0.33	<b>7.23</b>	-0.41	0.41	<b>4.23</b>	-0.35	0.39	<b>5.17</b>	-0.11	0.28	<b>2.73</b>	-0.34	0.65	
<b>TARMZA</b>	<b>6.86</b>	-0.23	0.75	<b>7.44</b>	0.03	0.34	<b>4.34</b>	-0.01	0.89	<b>5.34</b>	0.46	0.52	<b>2.66</b>	-0.73	0.23	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>TDQXWA</b>	<b>6.73</b>	-0.59	0.88	<b>7.27</b>	-0.34	0.41	<b>4.30</b>	-0.14	0.68	<b>5.07</b>	-0.43	1.02	<b>2.63</b>	-0.85	2.82	
<b>THG979</b>	<b>7.66</b>	2.13	0.33	<b>8.42</b>	2.15	1.82	<b>4.72</b>	1.14	0.70	<b>6.02</b>	2.63	0.37	<b>2.96</b>	0.82	1.05	
<b>TL2339</b>	<b>6.94</b>	0.02	0.06	<b>7.42</b>	-0.01	0.11	<b>4.58</b>	0.72	0.17	<b>5.21</b>	0.04	0.12	<b>2.76</b>	-0.20	0.11	
<b>TRQM64</b>	<b>7.13</b>	0.57	0.34	<b>7.66</b>	0.52	0.46	<b>4.62</b>	0.82	0.51	<b>5.39</b>	0.62	0.15	<b>2.98</b>	0.94	0.28	
<b>U2AD98</b>	<b>8.00</b>	3.13		<b>7.10</b>	-0.70	0.00	<b>4.20</b>	-0.45	0.00	<b>5.20</b>	0.00	0.00	<b>2.70</b>	-0.51	0.00	
<b>UTCQC2</b>	<b>6.85</b>	-0.23	0.13	<b>7.23</b>	-0.41	0.11	<b>4.32</b>	-0.09	0.04	<b>5.23</b>	0.10	0.09	<b>2.78</b>	-0.12	0.23	
<b>VEQX2Y</b>	<b>6.70</b>	-0.68	0.00	<b>7.17</b>	-0.56	0.41	<b>4.30</b>	-0.14	0.00	<b>4.90</b>	-0.96	0.00	<b>2.53</b>	-1.36	0.65	
<b>VYCRPZ</b>	<b>7.25</b>	0.92	0.21	<b>8.02</b>	1.30	0.19	<b>4.64</b>	0.89	0.58	<b>5.52</b>	1.02	0.23	<b>2.92</b>	0.61	0.85	
<b>WBBHB9</b>	<b>6.74</b>	-0.56	0.96	<b>6.86</b>	-1.22	0.40	<b>4.30</b>	-0.14	2.07	<b>4.56</b>	-2.04	0.94	<b>2.82</b>	0.12	0.55	
<b>WM6UP7</b>	<b>7.57</b>	1.87	0.11	<b>8.31</b>	1.93	0.02	<b>4.82</b>	1.43	0.77	<b>5.62</b>	1.36	0.02	<b>3.27</b>	2.38	0.05	
<b>WV9D JL</b>	<b>6.59</b>	-1.01	0.16	<b>7.02</b>	-0.88	0.59	<b>4.12</b>	-0.70	0.43	<b>4.94</b>	-0.82	0.32	<b>2.46</b>	-1.75	0.49	
<b>X6FA2X</b>	<b>7.13</b>	0.57	0.04	<b>7.62</b>	0.42	0.01	<b>4.57</b>	0.67	0.25	<b>5.27</b>	0.23	0.07	<b>2.81</b>	0.07	0.11	
<b>XMJPMY</b>	<b>7.41</b>	1.41	0.12	<b>7.94</b>	1.12	0.07	<b>4.54</b>	0.60	0.42	<b>5.58</b>	1.21	0.10	<b>3.07</b>	1.36	0.76	
<b>Z33H42</b>	<b>7.01</b>	0.23	0.26	<b>7.71</b>	0.61	0.54	<b>4.45</b>	0.31	0.28	<b>4.94</b>	-0.83	0.09	<b>2.83</b>	0.14	0.27	
<b>Z4DH63</b>	<b>6.90</b>	-0.10	0.00	<b>7.33</b>	-0.20	0.41	<b>4.10</b>	-0.75	0.00	<b>5.00</b>	-0.64		<b>2.60</b>	-1.02	0.00	
<b>Z72TY2</b>	<b>7.00</b>	0.20	0.57	<b>7.40</b>	-0.05	0.00	<b>4.53</b>	0.57	0.78	<b>5.27</b>	0.21	0.28	<b>2.93</b>	0.68	0.65	

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	6.93			7.42			4.35			5.20			2.80			
<b>Median Abs Dev</b>	0.18			0.19			0.17			0.14			0.10			
<b>Avg Within Lab SD</b>	0.17			0.14			0.15			0.20			0.09			
<b>Labs Included</b>	41			41			41			41			41			
<b>Labs Reporting</b>	42			42			42			42			42			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>7.12</b>		1.61	<b>7.42</b>		1.83	<b>4.59</b>		1.30	<b>5.19</b>		1.64	<b>2.88</b>		1.12	
<b>9Z8RBT</b>	<b>6.33</b>		0.86	<b>7.14</b>		0.48	<b>4.04</b>		0.63	<b>4.68</b>		0.89	<b>2.57</b>		1.04	
<b>B78PYN</b>	<b>7.97</b>		0.82	<b>8.50</b>		0.63	<b>5.00</b>		1.38	<b>6.13</b>		0.72	<b>3.27</b>		1.25	
<b>UTCQC2</b>	<b>6.22</b>		0.05	<b>6.49</b>		0.13	<b>3.89</b>		0.12	<b>4.69</b>		0.06	<b>2.57</b>		0.33	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	6.72			7.28			4.31			4.94			2.73			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.35			0.27			0.14			0.29			0.09			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>AYB9AR</b>				<b>1.04</b>		0.15										
<b>B78PYN</b>	<b>0.45</b>		0.35	<b>1.07</b>		0.68					<b>0.42</b>					
<b>KHNPPF</b>				<b>0.20</b>		0.19	<b>0.54</b>		0.02	<b>0.04</b>		0.06				
<b>Q6443A</b>	<b>0.68</b>		1.37	<b>0.66</b>		1.86	<b>0.41</b>		1.41	<b>0.27</b>		1.41	<b>0.57</b>		1.00	
CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	0.56			0.85			0.47			0.27			0.57			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.06			0.06			0.17			0.06			0.10			
<b>Labs Included</b>	2			4			2			3			1			
<b>Labs Reporting</b>	2			4			2			3			1			





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CaCO3 Content effervescent (SubTestCode 1852)													Data units: %		
SRS2411				SRS2412			SRS2413			SRS2414			SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>RLKME8</b>				<b>7.04</b>		0.00									
<b>Z4DH63</b>	<b>0.17</b>		1.00	<b>0.37</b>		1.41	<b>0.17</b>		1.00	<b>0.10</b>		1.00	<b>0.17</b>		1.00
CaCO3 Content effervescent (SubTestCode 1852)													Data units: %		
SRS2411				SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	0.17			3.70			0.17			0.10			0.17		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.06			0.04			0.06			0.00			0.06		
<b>Labs Included</b>	1			2			1			1			1		
<b>Labs Reporting</b>	1			2			1			1			1		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>8.3</b>	-1.96		<b>10.0</b>	-2.29		<b>3.4</b>	-2.61		<b>10.1</b>	-4.91X		<b>6.9</b>	-0.98	
<b>3AVAPZ</b>	<b>18.1</b>	-0.08	0.93	<b>21.1</b>	-0.32	0.24	<b>13.1</b>	0.02	1.21	<b>23.3</b>	-0.31	0.25	<b>8.3</b>	0.00	0.18
<b>3B7CBY</b>	<b>19.4</b>	0.16	0.10	<b>23.7</b>	0.14	0.17	<b>13.1</b>	0.04	0.10	<b>25.0</b>	0.28	0.08	<b>8.7</b>	0.27	0.11
<b>9WTU7R</b>	<b>12.5</b>	-1.16	2.68	<b>17.0</b>	-1.04	2.66	<b>9.0</b>	-1.09	1.10	<b>16.5</b>	-2.66	2.98	<b>6.6</b>	-1.20	1.05
<b>AMY7NU</b>	<b>16.6</b>	-0.37	0.88	<b>22.1</b>	-0.14	0.37	<b>12.8</b>	-0.05	0.44	<b>24.1</b>	-0.03	0.69	<b>7.8</b>	-0.39	0.91
<b>B78PYN</b>	<b>19.9</b>	0.25	0.40	<b>24.4</b>	0.28	0.82	<b>14.5</b>	0.41	1.15	<b>25.8</b>	0.57	0.35	<b>8.5</b>	0.10	1.10
<b>FGQQMK</b>	<b>16.8</b>	-0.34		<b>21.7</b>	-0.20		<b>12.6</b>	-0.09		<b>23.8</b>	-0.15		<b>7.7</b>	-0.39	
<b>GDKPVL</b>	<b>13.6</b>	-0.95	1.75	<b>28.8</b>	1.05	2.11	<b>8.2</b>	-1.30	2.34	<b>21.6</b>	-0.91	0.65	<b>6.6</b>	-1.16	2.26
<b>H9AUVJ</b>	<b>19.5</b>	0.18	0.30	<b>20.8</b>	-0.36	0.13	<b>13.5</b>	0.15	0.10	<b>26.3</b>	0.75	0.08	<b>9.0</b>	0.48	
<b>HTEERH</b>	<b>27.1</b>	1.64	0.03	<b>24.5</b>	0.29	0.60	<b>13.6</b>	0.17	0.51	<b>25.3</b>	0.40	0.41	<b>8.9</b>	0.44	0.31
<b>MLHBPG</b>	<b>21.0</b>	0.46	0.20	<b>24.0</b>	0.20	0.12	<b>14.9</b>	0.53	0.18	<b>25.8</b>	0.58	0.20	<b>10.0</b>	1.19	1.05
<b>QWMPA</b>	<b>12.7</b>	-1.11	0.18	<b>24.4</b>	0.27	0.28	<b>11.1</b>	-0.52	0.12	<b>19.2</b>	-1.72	0.75	<b>8.9</b>	0.44	0.52
<b>RLKME8</b>	<b>22.7</b>	0.79	0.42	<b>7.5</b>	-2.72	0.16	<b>6.9</b>	-1.65	0.37	<b>6.8</b>	-6.05X	0.23	<b>2.3</b>	-4.13X	0.24
<b>TQE348</b>	<b>19.0</b>	0.08	0.16	<b>23.9</b>	0.18	1.02	<b>12.9</b>	-0.02	0.20	<b>24.3</b>	0.03	0.42	<b>8.1</b>	-0.13	0.53
<b>VEQX2Y</b>	<b>17.1</b>	-0.29	1.23	<b>18.7</b>	-0.74	0.10	<b>18.1</b>	1.40	1.94	<b>23.8</b>	-0.14	0.76	<b>7.3</b>	-0.68	0.51
<b>WM6UP7</b>	<b>23.6</b>	0.96	0.19	<b>26.2</b>	0.58	0.09	<b>15.7</b>	0.75	0.29	<b>26.8</b>	0.91	1.22	<b>11.6</b>	2.26	1.32

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	18.5			22.9			13.0			24.2			8.31		
<b>Median Abs Dev</b>	2.2			1.7			1.7			1.4			0.64		
<b>Avg Within Lab SD</b>	0.8			0.9			0.6			0.8			0.28		
<b>Labs Included</b>	16			16			16			14			15		
<b>Labs Reporting</b>	16			16			16			16			16		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3AVAPZ</b>	<b>17.3</b>	0.50	0.23	<b>17.1</b>	-1.53	1.77	<b>15.8</b>	0.10	0.81	<b>21.8</b>	0.39	0.17	<b>9.9</b>	1.09	0.46
<b>4VT6VT</b>	<b>14.0</b>	-0.15	1.01	<b>16.2</b>	-1.80	0.09	<b>14.8</b>	-0.06	0.79	<b>19.2</b>	-0.07	0.25	<b>7.1</b>	-0.79	0.63
<b>66RH9Y</b>	<b>11.9</b>	-0.55	0.03	<b>25.6</b>	0.89	0.04	<b>7.6</b>	-1.28	0.01	<b>18.6</b>	-0.19	0.01	<b>8.2</b>	-0.05	0.29
<b>7G2HEQ</b>	<b>10.4</b>	-0.85	0.13	<b>22.7</b>	0.06	0.79	<b>10.6</b>	-0.78	0.21	<b>15.0</b>	-0.84	0.08	<b>8.4</b>	0.05	0.83
<b>9Z8RBT</b>	<b>22.9</b>	1.62	3.12	<b>26.1</b>	1.04	0.85	<b>18.8</b>	0.63	1.33	<b>24.8</b>	0.94	3.66	<b>9.7</b>	0.94	0.86
<b>AMY7NU</b>	<b>11.9</b>	-0.56	0.16	<b>24.7</b>	0.64	0.46	<b>6.7</b>	-1.44	0.13	<b>16.4</b>	-0.60	0.08	<b>6.8</b>	-1.01	0.43
<b>AXHFFU</b>	<b>15.4</b>	0.13	0.13	<b>18.0</b>	-1.26	0.09	<b>16.4</b>	0.22	0.08	<b>20.0</b>	0.07	0.23	<b>9.3</b>	0.67	0.24
<b>CJMCHK</b>	<b>20.0</b>	1.05	0.48	<b>24.3</b>	0.51	0.60	<b>19.1</b>	0.66	0.19	<b>27.5</b>	1.44	0.20	<b>8.5</b>	0.13	0.68
<b>FZ4BJN</b>	<b>9.6</b>	-1.01	0.20	<b>22.2</b>	-0.06	0.79	<b>6.1</b>	-1.54	0.14	<b>15.4</b>	-0.77	0.06	<b>6.8</b>	-1.01	0.27
<b>GDKPVL</b>	<b>17.6</b>	0.58	0.98	<b>24.9</b>	0.71	1.33	<b>15.1</b>	0.00	1.28	<b>24.2</b>	0.84	0.48	<b>10.9</b>	1.75	0.76
<b>HXDN3K</b>	<b>19.1</b>	0.86	1.25	<b>21.5</b>	-0.26	1.60	<b>21.4</b>	1.07	2.81	<b>25.7</b>	1.11	0.19	<b>10.0</b>	1.14	3.09
<b>JMMRAH</b>	<b>2,956.4</b>	581.49X	131.62	<b>6,305.7</b>	795.63X	139.20	<b>830.1</b>	138.78X	208.93	<b>3,863.1</b>	704.70X	83.60	<b>2,013.2</b>	329.64X	61.51
<b>MLHBPG</b>	<b>19.1</b>	0.87	0.46	<b>21.7</b>	-0.20	0.24	<b>17.3</b>	0.37	0.08	<b>26.7</b>	1.29	0.08	<b>8.1</b>	-0.12	0.00
<b>XMJPMY</b>	<b>14.0</b>	-0.13	0.32	<b>23.4</b>	0.27	0.58	<b>15.2</b>	0.00	1.06	<b>18.0</b>	-0.30	0.32	<b>7.9</b>	-0.27	0.56
<b>ZYHN82</b>	<b>11.8</b>	-0.58	0.19	<b>21.7</b>	-0.20	1.89	<b>7.6</b>	-1.28	0.41	<b>16.4</b>	-0.59	0.14	<b>7.6</b>	-0.43	0.82

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	14.7			22.5			15.2			19.6			8.29		
<b>Median Abs Dev</b>	2.9			2.0			3.8			3.7			1.10		
<b>Avg Within Lab SD</b>	0.8			0.6			0.7			1.9			0.42		
<b>Labs Included</b>	14			14			14			14			14		
<b>Labs Reporting</b>	15			15			15			15			15		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>1.11</b>	-0.12	0.00	<b>1.15</b>	-0.54	0.00	<b>1.16</b>	-1.64	0.00	<b>1.09</b>	-1.09	0.00	<b>1.13</b>	-0.99	0.00	
<b>6D9TKE</b>	<b>1.23</b>	1.06	0.76	<b>1.30</b>	1.23	0.75	<b>1.36</b>	0.53	0.00	<b>1.30</b>	1.09	0.16	<b>1.31</b>	0.42	0.65	
<b>CWD2GQ</b>	<b>1.16</b>	0.38		<b>1.18</b>	-0.23		<b>1.31</b>	-0.06		<b>1.20</b>	0.06		<b>1.29</b>	0.26		
<b>D9M2LH</b>	<b>1.04</b>	-0.82	0.38	<b>1.13</b>	-0.80	0.43	<b>1.31</b>	0.01	1.53	<b>1.14</b>	-0.52	0.16	<b>1.22</b>	-0.26	0.99	
<b>DM3ZVP</b>	<b>1.19</b>	0.69	1.25	<b>1.23</b>	0.43	1.06	<b>1.28</b>	-0.40	2.12	<b>1.19</b>	0.00	1.72	<b>1.30</b>	0.32	0.58	
<b>H9AUVJ</b>	<b>1.25</b>	1.33	0.38	<b>1.36</b>	1.92	0.43	<b>1.46</b>	1.63	0.00	<b>1.39</b>	2.07	0.00	<b>1.39</b>	0.99	0.00	
<b>MLHBPG</b>	<b>1.01</b>	-1.05	1.01	<b>1.18</b>	-0.19	0.87	<b>1.37</b>	0.60	0.85	<b>1.23</b>	0.35	1.82	<b>1.13</b>	-0.96	1.13	
<b>QWMRPA</b>	<b>1.01</b>	-1.11	2.01	<b>1.12</b>	-0.96	1.99	<b>1.23</b>	-0.87	0.85	<b>1.08</b>	-1.22	1.40	<b>1.07</b>	-1.41	1.96	
<b>TQE348</b>	<b>1.11</b>	-0.09	1.11	<b>1.22</b>	0.25	1.45	<b>1.31</b>	-0.01	0.28	<b>1.16</b>	-0.33	0.77	<b>1.16</b>	-0.75	0.66	
<b>ZYHN82</b>	<b>1.13</b>	0.09	0.53	<b>1.21</b>	0.19	0.35	<b>1.40</b>	1.00	0.81	<b>1.19</b>	0.00	0.32	<b>1.31</b>	0.39	1.31	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups						Data units: g/cc	
	SRS2411		SRS2412		SRS2413	SRS2414	SRS2415
<b>Grand Median</b>	1.12		1.20		1.31	1.19	1.26
<b>Median Abs Dev</b>	0.08		0.04		0.05	0.04	0.08
<b>Avg Within Lab SD</b>	0.02		0.01		0.01	0.04	0.02
<b>Labs Included</b>	10		10		10	10	10
<b>Labs Reporting</b>	10		10		10	10	10



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups

Data units: Percent

WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>31.3</b>	0.27		<b>47.8</b>	1.00		<b>72.9</b>	1.31		<b>10.1</b>	-0.26		<b>43.7</b>	0.54	
<b>3AVAPZ</b>	<b>23.3</b>	-0.64	1.28	<b>39.9</b>	0.00	0.76	<b>69.0</b>	0.58	0.71	<b>7.1</b>	-0.64	1.94	<b>41.3</b>	0.18	0.71
<b>3B7CBY</b>	<b>20.5</b>	-0.95	0.00	<b>34.2</b>	-0.72	0.00	<b>61.2</b>	-0.91	0.00	<b>2.5</b>	-1.23	0.00	<b>33.6</b>	-0.95	0.00
<b>4VT6VT</b>	<b>43.2</b>	1.61	0.42	<b>44.8</b>	0.62	0.22	<b>66.6</b>	0.11	0.31	<b>21.9</b>	1.23	0.36	<b>47.3</b>	1.05	0.40
<b>66RH9Y</b>	<b>22.6</b>	-0.72	0.00	<b>39.2</b>	-0.09	0.00	<b>63.0</b>	-0.58	1.14	<b>11.4</b>	-0.10	0.00	<b>38.1</b>	-0.29	0.00
<b>84A99W</b>	<b>44.7</b>	1.77	0.00	<b>48.3</b>	1.06		<b>70.4</b>	0.84	0.00	<b>24.0</b>	1.50	0.00	<b>46.7</b>	0.97	0.00
<b>99HTTN</b>	<b>28.0</b>	-0.11		<b>43.0</b>	0.39		<b>61.0</b>	-0.95		<b>16.0</b>	0.48		<b>41.0</b>	0.13	
<b>9TTHAR</b>	<b>28.9</b>	-0.01	1.20	<b>42.1</b>	0.28	1.20	<b>67.2</b>	0.22	0.20	<b>14.7</b>	0.31	1.97	<b>40.2</b>	0.01	2.96
<b>AMY7NU</b>	<b>36.6</b>	0.87	0.00	<b>48.2</b>	1.05	0.00	<b>66.9</b>	0.17	1.12	<b>18.8</b>	0.83	0.00	<b>44.3</b>	0.61	0.00
<b>AXHFFU</b>	<b>27.0</b>	-0.22		<b>37.0</b>	-0.37		<b>67.0</b>	0.19		<b>15.0</b>	0.36		<b>37.0</b>	-0.45	
<b>BCTKWL</b>	<b>17.9</b>	-1.25	0.25	<b>32.0</b>	-1.00	0.43	<b>64.8</b>	-0.23	0.43	<b>2.7</b>	-1.21	0.42	<b>36.2</b>	-0.56	0.25
<b>CV3VKP</b>	<b>44.0</b>	1.70	1.54	<b>43.8</b>	0.49	0.47	<b>68.1</b>	0.40	1.55	<b>19.2</b>	0.89	2.67	<b>49.1</b>	1.32	2.06
<b>DM3ZVP</b>	<b>18.4</b>	-1.19	0.07	<b>32.2</b>	-0.97	0.62	<b>69.0</b>	0.57	0.79	<b>1.9</b>	-1.30	0.15	<b>34.3</b>	-0.85	0.03
<b>DTBJYP</b>	<b>23.3</b>	-0.64	0.00	<b>31.1</b>	-1.11	0.00	<b>59.4</b>	-1.25	0.00	<b>7.1</b>	-0.64	0.00	<b>57.9</b>	2.61	0.00
<b>EAXY2L</b>	<b>27.6</b>	-0.15	0.00	<b>27.5</b>	-1.57	0.00	<b>65.7</b>	-0.06	0.00	<b>17.3</b>	0.65	0.00	<b>45.6</b>	0.81	0.00
<b>FFE2DF</b>	<b>20.4</b>	-0.96	1.03	<b>34.5</b>	-0.68	0.78	<b>58.7</b>	-1.38	0.02	<b>4.6</b>	-0.97	0.68	<b>33.7</b>	-0.93	0.03
<b>FZ4BJN</b>	<b>29.4</b>	0.06	0.46	<b>34.8</b>	-0.64	0.15	<b>57.2</b>	-1.68	0.16	<b>9.5</b>	-0.34	0.52	<b>34.2</b>	-0.86	0.10
<b>GDKPVL</b>	<b>29.7</b>	0.08	0.64	<b>40.3</b>	0.06	0.47	<b>63.7</b>	-0.44	0.90	<b>11.0</b>	-0.15	1.01	<b>39.0</b>	-0.16	0.50
<b>GN9GMK</b>	<b>29.8</b>	0.10	0.89	<b>45.2</b>	0.67	3.11	<b>61.8</b>	-0.79	1.25	<b>15.2</b>	0.38	0.77	<b>42.5</b>	0.35	0.25
<b>H9AUVJ</b>	<b>29.0</b>	0.01		<b>39.5</b>	-0.05	0.20	<b>66.0</b>	0.00		<b>13.5</b>	0.17	0.50	<b>40.0</b>	-0.01	
<b>HQUKUH</b>	<b>17.9</b>	-1.24		<b>34.4</b>	-0.70		<b>62.8</b>	-0.61		<b>6.7</b>	-0.70		<b>38.9</b>	-0.17	
<b>HXDN3K</b>	<b>39.3</b>	1.17	4.05	<b>44.0</b>	0.52	2.50	<b>72.8</b>	1.29	3.78	<b>14.5</b>	0.29	1.11	<b>39.9</b>	-0.03	2.10
<b>HY8GVH</b>	<b>39.6</b>	1.20	0.08	<b>48.4</b>	1.08	0.01	<b>73.6</b>	1.44	0.11	<b>14.2</b>	0.26	0.08	<b>49.6</b>	1.39	0.05
<b>JLUVQF</b>	<b>20.8</b>	-0.92	1.53	<b>31.5</b>	-1.07	2.44	<b>47.5</b>	-3.53X	3.76	<b>10.7</b>	-0.19	0.47	<b>41.3</b>	0.18	2.52
<b>MG7FPD</b>	<b>34.2</b>	0.59	0.80	<b>46.7</b>	0.86	0.59	<b>68.3</b>	0.44	1.13	<b>28.3</b>	2.05	1.45	<b>45.8</b>	0.84	1.43
<b>MLHBPG</b>	<b>27.5</b>	-0.16	0.66	<b>36.9</b>	-0.38	0.20	<b>71.7</b>	1.08	0.70	<b>4.5</b>	-0.98	0.25	<b>39.8</b>	-0.04	0.09



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>NQ6HHA</b>	<b>32.0</b>	0.34	0.00	<b>46.0</b>	0.77	0.01	<b>66.0</b>	0.00	0.01	<b>20.0</b>	0.99	2.02	<b>44.0</b>	0.57	0.99
<b>TARMZA</b>	<b>27.6</b>	-0.15	0.00	<b>17.3</b>	-2.87X	0.00	<b>71.3</b>	1.01	0.00	<b>19.4</b>	0.92	0.00	<b>57.9</b>	2.61	0.00
<b>TL2339</b>	<b>16.0</b>	-1.45	0.88	<b>32.9</b>	-0.89	0.63	<b>60.8</b>	-0.98	0.98	<b>4.5</b>	-0.97	0.82	<b>32.9</b>	-1.05	0.64
<b>TQE348</b>	<b>15.9</b>	-1.47	0.17	<b>30.1</b>	-1.25	0.00	<b>58.0</b>	-1.53	1.12	<b>2.3</b>	-1.25	1.49	<b>27.6</b>	-1.82	0.00
<b>WM6UP7</b>	<b>33.5</b>	0.51	0.32	<b>46.5</b>	0.84	1.24	<b>65.2</b>	-0.16	0.00	<b>15.8</b>	0.46	1.16	<b>39.8</b>	-0.04	0.57
<b>XMJPMY</b>	<b>30.1</b>	0.13	0.00	<b>42.1</b>	0.28	0.00	<b>66.1</b>	0.02	0.00	<b>11.9</b>	-0.03	0.00	<b>39.8</b>	-0.04	0.00
<b>XMWJ3Y</b>	<b>30.3</b>	0.16	0.37	<b>42.5</b>	0.32	0.03	<b>67.5</b>	0.28	0.94	<b>12.5</b>	0.03	0.08	<b>40.9</b>	0.11	0.32
<b>Y3BZT2</b>	<b>30.2</b>	0.14	0.00	<b>36.2</b>	-0.47	0.00	<b>62.2</b>	-0.72	0.00	<b>10.9</b>	-0.17	0.58	<b>37.5</b>	-0.37	0.57

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups						Data units: Percent				
	SRS2411		SRS2412		SRS2413		SRS2414		SRS2415	
<b>Grand Median</b>	28.9		39.9		66.0		12.2		40.1	
<b>Median Abs Dev</b>	5.4		5.4		3.0		5.1		3.8	
<b>Avg Within Lab SD</b>	1.8		2.5		1.3		1.0		2.0	
<b>Labs Included</b>	34		33		33		34		34	
<b>Labs Reporting</b>	34		34		34		34		34	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups																Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2QMUQU	48.7	-0.30		38.2	-0.58		17.1	-1.40		55.9	0.16		36.3	-0.69				
3AVAPZ	62.0	1.45	1.21	47.6	0.96	0.73	21.0	-0.46	0.42	67.9	1.50	1.71	43.8	0.41	0.36			
3B7CBY	55.5	0.59	0.00	44.4	0.44	0.00	24.5	0.38	0.00	60.6	0.69	0.00	38.0	-0.44	0.00			
4VT6VT	188.4	18.05X	139.06	43.9	0.36	0.43	24.3	0.35	0.28	47.0	-0.82	0.55	36.5	-0.65	0.58			
66RH9Y	52.6	0.21	0.00	40.6	-0.19	0.65	22.7	-0.04	0.00	57.3	0.32	0.00	43.9	0.42	0.00			
84A99W	36.1	-1.95	0.00	33.1	-1.41	0.00	18.2	-1.14	0.00	43.3	-1.23	0.00	33.8	-1.05	0.00			
99HTTN	55.0	0.53		40.0	-0.28		29.0	1.48		57.0	0.29		49.0	1.16				
9TTHAR	46.2	-0.63	0.78	38.1	-0.59	1.41	23.0	0.02	0.05	49.1	-0.59	1.52	37.7	-0.47	2.08			
AMY7NU	45.3	-0.75	0.00	37.7	-0.66	0.00	20.7	-0.54	0.68	52.6	-0.20	0.00	38.8	-0.32	0.00			
AXHFFU	52.0	0.13		46.0	0.70		26.0	0.75		56.0	0.18		48.0	1.02				
BCTKWL	57.1	0.81	0.21	49.6	1.29	0.66	22.0	-0.22	0.22	70.9	1.83	0.53	44.7	0.53	0.17			
CV3VKP	5.0	-6.05X	0.06	7.1	-5.66X	0.42	5.2	-4.27X	0.16	26.8	-3.06X	1.44	10.3	-4.45X	0.40			
DM3ZVP	56.6	0.74	0.42	42.6	0.14	0.54	22.0	-0.23	0.87	61.2	0.75	2.84	43.3	0.33	0.25			
DTBJYP	48.0	-0.39		40.2	-0.25	0.00	16.0	-1.67		44.3	-1.12	0.00	13.0	-4.06X	0.00			
EAXY2L	40.1	-1.43	0.00	44.2	0.40	0.00	18.1	-1.17	0.00	42.3	-1.34	0.00	30.1	-1.58	0.00			
FFE2DF	52.9	0.26	1.45	42.1	0.06	0.80	23.3	0.11	0.34	59.2	0.53	1.33	42.1	0.16	0.54			
FZ4BJN	50.7	-0.04	0.65	45.3	0.58	0.11	26.0	0.74	0.26	54.3	-0.01	0.30	43.0	0.29	0.20			
GDKPVL	50.0	-0.13	0.57	41.3	-0.06	0.64	22.0	-0.22	0.48	56.7	0.25	0.55	42.7	0.24	0.21			
GN9GMK	43.3	-1.01	1.31	30.7	-1.81	2.44	23.3	0.10	1.10	47.3	-0.78	1.09	33.3	-1.11	0.86			
H9AUVJ	60.0	1.18		50.0	1.35		23.5	0.15	0.24	60.5	0.68	0.47	44.0	0.44				
HQUKUH	55.3	0.57		42.5	0.13		22.8	-0.02		52.3	-0.23		31.0	-1.45				
HXDN3K	44.7	-0.83	2.38	39.9	-0.30	3.28	16.9	-1.44	4.18	52.8	-0.18	1.89	33.7	-1.06	3.61			
HY8GVH	46.3	-0.61	0.19	37.0	-0.77	0.11	16.1	-1.65	0.07	55.4	0.11	0.35	34.8	-0.89	0.07			
JLUVQF	40.5	-1.37	2.04	39.2	-0.41	0.58	27.2	1.04	1.37	49.5	-0.55	1.53	35.2	-0.84	1.80			
MG7FPD	50.0	-0.13	2.45	34.2	-1.23	1.22	17.5	-1.31	1.19	45.0	-1.04		35.0	-0.87	1.60			
MLHBPG	57.1	0.80	0.62	50.3	1.40	0.11	20.9	-0.48	0.20	70.4	1.77	1.20	45.7	0.68	0.13			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NQ6HHA</b>	<b>51.3</b>	0.04	0.57	<b>39.6</b>	-0.35	0.42	<b>26.5</b>	0.88	0.48	<b>52.2</b>	-0.24	0.25	<b>41.0</b>	0.00	0.46	
<b>TARMZA</b>	<b>43.1</b>	-1.04	0.00	<b>59.7</b>	2.94X	0.00	<b>9.4</b>	-3.27X	0.00	<b>43.2</b>	-1.25	0.00	<b>13.0</b>	-4.06X	0.00	
<b>TL2339</b>	<b>58.6</b>	1.00	1.19	<b>48.1</b>	1.05	0.32	<b>25.7</b>	0.67	0.69	<b>63.8</b>	1.04	1.23	<b>49.4</b>	1.22	0.74	
<b>TQE348</b>	<b>61.3</b>	1.35	0.18	<b>50.1</b>	1.37	0.00	<b>27.4</b>	1.09	0.68	<b>66.9</b>	1.39	0.00	<b>49.3</b>	1.21	0.00	
<b>WM6UP7</b>	<b>46.7</b>	-0.56	0.33	<b>37.4</b>	-0.71	1.48	<b>23.7</b>	0.20	0.55	<b>54.4</b>	0.00	1.09	<b>42.4</b>	0.20	0.43	
<b>XMJPMY</b>	<b>47.7</b>	-0.43	0.00	<b>35.7</b>	-0.99	0.00	<b>19.7</b>	-0.78	0.00	<b>49.8</b>	-0.50	0.00	<b>36.1</b>	-0.71	0.00	
<b>XMWJ3Y</b>	<b>52.6</b>	0.21	0.04	<b>42.1</b>	0.07	0.29	<b>25.4</b>	0.61	0.68	<b>57.5</b>	0.35	0.05	<b>43.7</b>	0.40	0.02	
<b>Y3BZT2</b>	<b>52.0</b>	0.13		<b>46.0</b>	0.70		<b>24.0</b>	0.27		<b>51.3</b>	-0.34	0.55	<b>40.7</b>	-0.05	0.43	

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	51.0			41.7			22.9			54.4			41.0			
<b>Median Abs Dev</b>	4.6			3.6			2.4			4.9			4.5			
<b>Avg Within Lab SD</b>	1.8			2.4			2.1			1.1			2.7			
<b>Labs Included</b>	32			32			32			33			31			
<b>Labs Reporting</b>	34			34			34			34			34			





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2QMUQU	20.0	-0.03		14.0	-0.81		10.0	-0.62		34.0	0.33		20.0	0.08		
3AVAPZ	14.7	-0.82	0.18	12.5	-1.07	0.35	9.9	-0.63	0.18	25.0	-1.16	0.22	14.8	-0.76	0.39	
3B7CBY	24.0	0.58	0.00	21.3	0.48	0.00	14.3	0.19	0.00	36.9	0.80	0.00	28.5	1.47	0.00	
4VT6VT	10.0	-1.52	0.16	11.2	-1.30	0.42	9.1	-0.79	0.26	31.1	-0.16	0.31	16.2	-0.54	0.46	
66RH9Y	24.9	0.71	0.00	20.3	0.29	1.17	14.3	0.18	1.24	31.3	-0.12	0.00	18.1	-0.23	0.00	
84A99W	19.2	-0.14	0.00	18.6	0.00	0.00	11.4	-0.36	0.00	32.7	0.11	0.00	19.5	0.00	0.00	
99HTTN	17.0	-0.48		17.0	-0.28		10.0	-0.62		27.0	-0.83		10.0	-1.55		
9TTHAR	24.9	0.72	0.70	19.8	0.20	1.54	9.8	-0.66	0.13	36.2	0.70	1.56	22.1	0.43	0.53	
AMY7NU	18.1	-0.31	0.00	14.1	-0.79	0.00	12.4	-0.17	0.00	28.7	-0.55	0.00	17.0	-0.41	0.00	
AXHFFU	21.0	0.13		17.0	-0.28		7.0	-1.17		29.0	-0.50		15.0	-0.74		
BCTKWL	25.0	0.73	0.66	18.3	-0.05	0.64	13.2	-0.03	0.10	26.4	-0.92	0.90	19.1	-0.07	0.03	
CV3VKP	51.2	4.66X	2.46	49.2	5.36X	1.58	26.7	2.47	1.43	54.0	3.63X	1.84	40.5	3.45X	1.65	
DM3ZVP	25.0	0.72	0.52	25.2	1.15	1.71	9.1	-0.79	1.98	36.9	0.81	2.96	22.5	0.49	0.35	
DTBJYP	28.7	1.28	0.00	28.7	1.77	0.00	24.6	2.08	0.00	48.6	2.73X	0.00	29.0	1.56	0.00	
EAXY2L	32.4	1.83	0.00	28.4	1.71	0.00	16.2	0.54	0.00	40.4	1.38	0.00	24.2	0.78	0.00	
FFE2DF	26.7	0.97	0.56	23.4	0.83	0.55	17.9	0.85	0.62	37.1	0.84	0.76	23.8	0.70	0.66	
FZ4BJN	19.9	-0.05	0.32	19.9	0.22	0.32	16.9	0.65	0.35	36.2	0.69	0.21	22.9	0.55	0.22	
GDKPVL	20.3	0.03	0.45	18.3	-0.05	0.44	14.3	0.19	0.49	32.3	0.05	0.59	18.3	-0.19	0.30	
GN9GMK	27.2	1.05	0.81	24.5	1.03	1.67	15.2	0.34	0.88	37.8	0.96	0.30	24.5	0.82	1.15	
H9AUVJ	11.0	-1.38		10.5	-1.42	0.38	10.5	-0.53	0.42	26.0	-0.99		16.0	-0.57		
HQUKUH	26.8	1.00		23.1	0.79		14.4	0.20		41.0	1.48		30.2	1.75		
HXDN3K	16.1	-0.62	2.60	16.1	-0.44	1.69	10.3	-0.57	3.57	32.7	0.11	1.19	26.4	1.13	4.91	
HY8GVH	14.1	-0.91	0.22	14.6	-0.71	0.21	10.3	-0.55	0.11	30.4	-0.27	0.33	15.6	-0.64	0.08	
JLUVQF	38.7	2.78X	4.74	29.3	1.88	3.53	25.3	2.22	1.96	39.9	1.29	1.19	23.5	0.65	0.24	
MG7FPD	15.8	-0.65	4.04	19.2	0.10	1.10	14.2	0.15	1.22	26.7	-0.88	1.49	19.2	-0.05	0.76	
MLHBPG	15.4	-0.72	0.21	12.9	-1.01	0.23	7.4	-1.10	0.45	25.2	-1.13	1.56	14.5	-0.81	0.20	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>NQ6HHA</b>	<b>16.7</b>	-0.51	0.78	<b>14.4</b>	-0.74	0.77	<b>7.5</b>	-1.09	0.85	<b>27.8</b>	-0.70	1.80	<b>15.0</b>	-0.73	0.53
<b>TARMZA</b>	<b>29.4</b>	1.38	0.00	<b>23.4</b>	0.83	0.00	<b>19.3</b>	1.11	0.00	<b>37.4</b>	0.89	0.00	<b>29.0</b>	1.56	0.00
<b>TL2339</b>	<b>25.4</b>	0.78	0.63	<b>19.0</b>	0.06	0.62	<b>13.5</b>	0.03	0.59	<b>31.7</b>	-0.05	0.80	<b>17.7</b>	-0.30	0.40
<b>TQE348</b>	<b>22.8</b>	0.40	0.00	<b>19.8</b>	0.21	0.00	<b>14.6</b>	0.24	0.00	<b>30.7</b>	-0.21	1.52	<b>23.0</b>	0.58	0.00
<b>WM6UP7</b>	<b>19.8</b>	-0.06	0.00	<b>16.1</b>	-0.44	0.44	<b>11.1</b>	-0.41	0.98	<b>29.8</b>	-0.37	0.00	<b>17.8</b>	-0.28	0.00
<b>XMJPMY</b>	<b>22.2</b>	0.31	0.00	<b>22.2</b>	0.63	0.00	<b>14.2</b>	0.16	0.00	<b>38.2</b>	1.03	0.00	<b>24.1</b>	0.76	0.00
<b>XMWJ3Y</b>	<b>17.1</b>	-0.46	0.55	<b>15.4</b>	-0.56	0.56	<b>7.1</b>	-1.16	0.61	<b>30.0</b>	-0.33	0.03	<b>15.4</b>	-0.67	0.37
<b>Y3BZT2</b>	<b>17.8</b>	-0.36	0.00	<b>17.8</b>	-0.14	0.00	<b>13.8</b>	0.09	0.00	<b>37.8</b>	0.95	0.00	<b>21.8</b>	0.38	0.00

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	20.2			18.6			13.3			32.0			19.5		
<b>Median Abs Dev</b>	4.5			3.6			3.0			4.6			3.9		
<b>Avg Within Lab SD</b>	1.3			1.3			1.2			1.0			1.9		
<b>Labs Included</b>	32			33			34			32			33		
<b>Labs Reporting</b>	34			34			34			34			34		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>HY8GVH</b>	<b>29.8</b>		1.20	<b>30.5</b>		1.41	<b>18.1</b>		1.41	<b>37.4</b>		1.00	<b>24.3</b>		1.07			
<b>RLKME8</b>	<b>3.2</b>		0.75	<b>3.2</b>		0.00	<b>0.8</b>		0.00	<b>2.0</b>			<b>0.7</b>		0.93			
Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	16.5			16.8			9.43			19.7			12.5					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.1			0.1			0.06			0.1			0.1					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>HY8GVH</b>	<b>12.7</b>		1.00	<b>14.4</b>		1.00	<b>9.4</b>		1.00	<b>19.7</b>		1.00	<b>11.4</b>		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	12.7			14.4			9.44			19.7			11.4					
<b>Median Abs Dev</b>	0.1			0.1			0.08			0.2			0.1					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>HY8GVH</b>	<b>17.11</b>		1.08	<b>16.10</b>		1.41	<b>8.63</b>		1.41	<b>17.65</b>		1.00	<b>12.85</b>		0.65
<b>RLKME8</b>	<b>3.23</b>		0.92	<b>3.20</b>		0.00	<b>0.80</b>		0.00	<b>2.00</b>			<b>0.67</b>		1.26
Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415		
<b>Grand Median</b>	10.2			9.65			4.71			9.82			6.76		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.1			0.03			0.02			0.10			0.05		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DTBJYP</b>	<b>1,141.5</b>	-0.28	0.52	<b>734.4</b>	-0.18	0.58	<b>198.2</b>	0.20	0.51	<b>622.2</b>	-0.69	0.49	<b>460.6</b>	0.34	0.68	
<b>EAXY2L</b>	<b>1,139.3</b>	-0.33	0.55	<b>607.4</b>	-2.24	0.17	<b>183.0</b>	-1.33	0.51	<b>619.4</b>	-0.79	0.50	<b>432.1</b>	-0.71	0.77	
<b>JLUVQF</b>	<b>1,168.2</b>	0.28	1.14	<b>767.4</b>	0.35	1.13	<b>194.1</b>	-0.20	0.16	<b>655.0</b>	0.41	0.94	<b>465.2</b>	0.51	1.12	
<b>TARMZA</b>	<b>1,090.0</b>	-1.36	0.76	<b>745.5</b>	0.00	0.73	<b>202.0</b>	0.59	2.19	<b>650.5</b>	0.26	0.91	<b>442.0</b>	-0.34	0.88	
<b>TL2339</b>	<b>1,174.6</b>	0.41	1.26	<b>745.9</b>	0.00	1.55	<b>188.9</b>	-0.73	0.64	<b>635.1</b>	-0.26	0.90	<b>437.4</b>	-0.51	1.59	
<b>WBBHB9</b>	<b>1,220.5</b>	1.38	1.40	<b>824.4</b>	1.27	1.19	<b>206.0</b>	0.99	0.50	<b>691.6</b>	1.64	1.73	<b>495.2</b>	1.62	0.64	

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	1,154.9			745.7			196.2			642.8			451.3			
<b>Median Abs Dev</b>	17.7			16.5			6.5			16.4			13.9			
<b>Avg Within Lab SD</b>	14.6			14.5			5.2			12.3			5.0			
<b>Labs Included</b>	6			6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			6			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>DTBJYP</b>	<b>89.1</b>		1.00	<b>29.5</b>		1.00	<b>97.2</b>		1.00	<b>31.5</b>		1.00	<b>20.2</b>		1.00			

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg					
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	89.1			29.5			97.2			31.5			20.2					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	10.1			1.5			14.5			1.9			0.7					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Soil Nitrogen Mineralization Potential (SubTestCode 197) in the Other 2 Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>47.9</b>			<b>11.5</b>			<b>6.2</b>			<b>11.6</b>			<b>18.4</b>					

Soil Nitrogen Mineralization Potential (SubTestCode 197) in the Other 2 Property Groups														Data units: mg/kg				
SRS2411				SRS2412				SRS2413				SRS2414				SRS2415		
<b>Grand Median</b>	47.9			11.5			6.15			11.6			18.4					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.0			0.0			0.00			0.0			0.0					0.0
<b>Labs Included</b>	1			1			1			1			1					1
<b>Labs Reporting</b>	1			1			1			1			1					1





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9YYC9U</b>	<b>7.1</b>		1.00	<b>35.7</b>		1.00	<b>7.6</b>		1.00	<b>11.3</b>		1.00	<b>8.8</b>		0.57	
<b>H9AUVJ</b>	<b>5.0</b>			<b>38.0</b>			<b>7.0</b>			<b>9.0</b>			<b>7.7</b>		1.30	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2411			SRS2412			SRS2413			SRS2414			SRS2415			
<b>Grand Median</b>	6.03			36.9			7.28			10.2			8.25			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.15			0.5			0.21			0.4			0.45			
<b>Labs Included</b>	2			2			2			2			2			
<b>Labs Reporting</b>	2			2			2			2			2			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups													Data units: mg/kg		
													SRS2415		
SRS2411				SRS2412			SRS2413			SRS2414					
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>9Z8RBT</b>	<b>57.30</b>		1.00	<b>3.57</b>		1.00	<b>84.93</b>		1.41	<b>15.03</b>		0.93	<b>24.63</b>		1.00
<b>H9AUVJ</b>	<b>49.00</b>			<b>2.00</b>			<b>98.33</b>		0.02	<b>19.67</b>		1.07	<b>23.00</b>		
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups													Data units: mg/kg		
													SRS2415		
SRS2411				SRS2412			SRS2413			SRS2414					
<b>Grand Median</b>	53.2			2.78			91.6			17.4			23.8		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	15.3			1.85			31.9			0.5			5.8		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Dry Matter (%) (SubTestCode 201)													Data units: Percent	
WebCode	SRB2409			SRB2410			SRB2411			SRB2412				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>38BFRZ</b>	<b>93.9</b>	0.22	1.71	<b>95.4</b>	0.12	1.51	<b>93.4</b>	-0.11	1.54	<b>95.8</b>	-0.03	1.48		
<b>4EK7QW</b>	<b>91.8</b>	-2.35	0.00	<b>93.7</b>	-1.26	0.28	<b>93.0</b>	-0.62	0.48	<b>95.4</b>	-0.38	0.31		
<b>CJMCHK</b>	<b>93.6</b>	-0.18	0.72	<b>93.7</b>	-1.31	0.73	<b>92.9</b>	-0.81	0.28	<b>95.5</b>	-0.31	0.53		
<b>CWWNDM</b>	<b>93.6</b>	-0.14	0.00	<b>95.4</b>	0.13	0.00	<b>94.0</b>	0.83	0.00	<b>97.5</b>	1.76	0.00		
<b>FFE2DF</b>	<b>95.0</b>	1.55	0.08	<b>96.6</b>	1.13	0.21	<b>94.0</b>	0.75	0.26	<b>97.6</b>	1.86	0.26		
<b>GN9GMK</b>	<b>93.2</b>	-0.68	0.90	<b>94.7</b>	-0.48	0.58	<b>92.8</b>	-0.86	0.67	<b>95.5</b>	-0.30	0.68		
<b>H9AUVJ</b>	<b>93.9</b>	0.25	0.00	<b>96.2</b>	0.83	0.00	<b>93.5</b>	0.11	0.00	<b>96.6</b>	0.86	0.00		
<b>MG7FPD</b>	<b>93.8</b>	0.14	1.13	<b>94.9</b>	-0.30	1.45	<b>92.8</b>	-0.89	1.06	<b>95.8</b>	0.03	1.11		
<b>QWMRPA</b>	<b>93.3</b>	-0.52		<b>95.1</b>	-0.12		<b>94.2</b>	1.11		<b>95.1</b>	-0.68			
<b>THG979</b>	<b>94.6</b>	1.13	2.22	<b>96.3</b>	0.84	2.31	<b>94.3</b>	1.15	2.28	<b>96.8</b>	1.05	2.56		
<b>TL2339</b>	<b>93.6</b>	-0.17	0.09	<b>94.6</b>	-0.53	0.19	<b>93.0</b>	-0.58	0.14	<b>95.4</b>	-0.37	0.10		
<b>WDUR47</b>	<b>6.0</b>	107.81X		<b>5.4</b>	-74.83X	0.00	<b>7.0</b>	121.43X		<b>4.7</b>	-94.58X	6.11		
<b>WHNRH2</b>	<b>94.3</b>	0.76	0.72	<b>96.5</b>	1.05	0.48	<b>93.6</b>	0.27	1.21	<b>96.3</b>	0.49	0.31		

Dry Matter (%) (SubTestCode 201)					Data units: Percent			
	SRB2409		SRB2410		SRB2411		SRB2412	
<b>Grand Median</b>	93.7		95.2		93.4		95.8	
<b>Median Abs Dev</b>	0.3		0.8		0.6		0.4	
<b>Avg Within Lab SD</b>	0.2		0.2		0.2		0.2	
<b>Labs Included</b>	12		12		12		12	
<b>Labs Reporting</b>	13		13		13		13	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>38BFRZ</b>	<b>1,716.7</b>	-1.01	0.06	<b>8.8</b>	-0.19	0.01	<b>42.6</b>	-0.30	0.01	<b>102.7</b>	-0.69	0.38
<b>9YYC9U</b>	<b>1,948.3</b>	-0.12	0.20	<b>24.2</b>	0.20	0.01	<b>26.6</b>	-0.96	0.03	<b>117.0</b>	0.00	0.10
<b>9Z8RBT</b>	<b>1,672.7</b>	-1.18	0.38	<b>12.3</b>	-0.10	0.13	<b>43.3</b>	-0.27	0.24	<b>94.7</b>	-1.07	0.22
<b>CV3VKP</b>	<b>1,842.0</b>	-0.53	0.05	<b>11.0</b>	-0.13	0.04	<b>12.0</b>	-1.56	0.07	<b>36.8</b>	-3.86X	0.03
<b>FFE2DF</b>	<b>1,981.1</b>	0.00	0.02	<b>10.4</b>	-0.15	0.03	<b>33.8</b>	-0.67	0.11	<b>123.1</b>	0.29	0.08
<b>GDKPVL</b>	<b>1,892.0</b>	-0.34	0.56	<b>6.7</b>	-0.24	0.05	<b>38.3</b>	-0.48	0.75	<b>115.7</b>	-0.06	0.33
<b>GN9GMK</b>	<b>2,386.0</b>	1.54	2.65	<b>54.4</b>	0.96	0.26	<b>80.0</b>	1.23	0.67	<b>122.3</b>	0.26	1.10
<b>H9AUVJ</b>	<b>1,700.0</b>	-1.07		<b>400.9</b>	9.65X	0.23	<b>50.0</b>	0.00	0.74	<b>116.4</b>	-0.03	0.00
<b>HXDN3K</b>	<b>2,240.0</b>	0.99	0.94	<b>63.9</b>	1.20	0.06	<b>90.7</b>	1.68	0.39	<b>144.7</b>	1.33	1.08
<b>MG7FPD</b>	<b>2,053.7</b>	0.28	1.12	<b>35.9</b>	0.49	0.41	<b>61.0</b>	0.45	0.33	<b>115.0</b>	-0.10	0.28
<b>NQ6HHA</b>	<b>2,088.2</b>	0.41	0.55	<b>16.2</b>	0.00	0.03	<b>62.1</b>	0.50	0.10	<b>125.7</b>	0.42	0.76
<b>NVJBHE</b>	<b>1,860.0</b>	-0.46	1.56	<b>22,986.7</b>	576.28X	170.17	<b>186.3</b>	5.61X	1.32	<b>95.0</b>	-1.06	1.22
<b>TUBPVA</b>	<b>1,720.7</b>	-0.99	0.74	<b>14.0</b>	-0.06	0.08	<b>47.7</b>	-0.10	0.56	<b>106.0</b>	-0.53	0.81
<b>VEQX2Y</b>	<b>2,249.0</b>	1.02	0.67	<b>10.3</b>	-0.15	0.01	<b>50.7</b>	0.03	0.06	<b>148.0</b>	1.49	0.58
<b>VX8VP7</b>	<b>2,254.0</b>	1.04	0.68	<b>62.3</b>	1.16	0.79	<b>79.3</b>	1.21	3.57	<b>165.0</b>	2.31	3.02
<b>VYCRPZ</b>	<b>2,006.6</b>	0.10	1.46	<b>210.3</b>	4.87	3.76	<b>202.7</b>	6.29X	14.55	<b>366.7</b>	12.02X	2.85
<b>WHNRH2</b>	<b>2,081.5</b>	0.38	0.11	<b>25.7</b>	0.24	0.03	<b>66.1</b>	0.66	0.26	<b>126.8</b>	0.47	0.23

### NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB2409	SRB2410	SRB2411	SRB2412
<b>Grand Median</b>	1,981.1	16.2	50.0	117.0
<b>Median Abs Dev</b>	139.1	8.0	12.1	9.8
<b>Avg Within Lab SD</b>	74.1	24.8	13.4	9.3
<b>Labs Included</b>	17	15	15	15
<b>Labs Reporting</b>	17	17	17	17



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3 - N ISE (SubTestCode 203)												Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>FZ4BJN</b>	<b>3,046.7</b>		0.09	<b>439.0</b>		0.95	<b>100.3</b>		0.73	<b>229.0</b>		0.55
<b>H9AUVJ</b>	<b>1,700.0</b>			<b>400.9</b>		1.23	<b>50.0</b>		1.61	<b>116.4</b>		0.00
<b>THG979</b>	<b>2,376.9</b>		0.54	<b>596.4</b>		1.24	<b>129.7</b>		0.94	<b>198.3</b>		0.25
<b>TRQM64</b>	<b>1,873.0</b>		1.64	<b>3.6</b>		0.22	<b>7.6</b>		0.04	<b>111.7</b>		1.91
NO3 - N ISE (SubTestCode 203)												Data units: mg/kg
	SRB2409			SRB2410			SRB2411			SRB2412		
<b>Grand Median</b>	2,125.0			420.0			75.2			157.3		
<b>Median Abs Dev</b>												
<b>Avg Within Lab SD</b>	62.2			4.6			6.2			4.8		
<b>Labs Included</b>	4			4			4			4		
<b>Labs Reporting</b>	4			4			4			4		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NO3 - N Oth. (SubTestCode 204) <span style="float: right;">Data units: mg/kg</span>												
WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4EK7QW</b>	<b>2,786.0</b>		0.83				<b>187.7</b>		1.45		<b>203.3</b>	1.29
<b>QWMRPA</b>	<b>2,300.2</b>		0.79	<b>48.6</b>		1.12	<b>77.6</b>		0.20		<b>138.4</b>	0.85
<b>TL2339</b>	<b>2,356.7</b>		1.64	<b>843.3</b>		0.86	<b>670.0</b>		0.93		<b>920.0</b>	1.23
<b>WDUR47</b>	<b>1,366.0</b>		0.15				<b>77.0</b>				<b>80.3</b>	0.33

NO3 - N Oth. (SubTestCode 204) <span style="float: right;">Data units: mg/kg</span>												
	SRB2409			SRB2410			SRB2411			SRB2412		
<b>Grand Median</b>	2,328.4			446.0			132.7			170.9		
<b>Median Abs Dev</b>												
<b>Avg Within Lab SD</b>	56.7			6.7			19.5			17.8		
<b>Labs Included</b>	4			2			4			4		
<b>Labs Reporting</b>	4			2			4			4		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

NH4-N (SubTestCode 205) <span style="float: right;">Data units: mg/kg</span>												
	SRB2409			SRB2410			SRB2411			SRB2412		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4EK7QW</b>	<b>1,069.7</b>		1.35	<b>268.3</b>		1.35	<b>399.7</b>		1.18	<b>172.0</b>		1.34
<b>CJMCHK</b>	<b>427.1</b>		0.43	<b>49.8</b>		0.41	<b>150.4</b>		0.78	<b>42.6</b>		0.46

NH4-N (SubTestCode 205) <span style="float: right;">Data units: mg/kg</span>								
	SRB2409		SRB2410		SRB2411		SRB2412	
<b>Grand Median</b>	748.4		159.0		275.0		107.3	
<b>Median Abs Dev</b>								
<b>Avg Within Lab SD</b>	14.5		2.2		12.4		4.0	
<b>Labs Included</b>	2		2		2		2	
<b>Labs Reporting</b>	2		2		2		2	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PO4 - P (SubTestCode 206)													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9Z8RBT</b>	<b>1,959.0</b>	-0.96	0.09	<b>3,843.0</b>	-0.45	0.81	<b>1,024.0</b>	-0.22	2.38	<b>576.7</b>	-0.27	1.93	
<b>CV3VKP</b>	<b>1,966.7</b>	-0.94	0.10	<b>4,084.0</b>	0.06	0.02	<b>1,073.3</b>	-0.10	0.21	<b>596.9</b>	-0.05	0.26	
<b>FZ4BJN</b>	<b>2,340.0</b>	-0.04	1.29	<b>4,056.7</b>	0.00	0.22	<b>1,430.0</b>	0.77	0.13	<b>630.0</b>	0.31	0.63	
<b>GDKPVL</b>	<b>2,430.0</b>	0.18	1.57	<b>3,980.0</b>	-0.16	1.53	<b>1,236.7</b>	0.30	0.20	<b>606.0</b>	0.05	0.39	
<b>H9AUVJ</b>	<b>2,139.7</b>	-0.52	0.31	<b>3,506.6</b>	-1.15	0.05	<b>660.3</b>	-1.11	1.63	<b>527.7</b>	-0.81	0.14	
<b>HXDN3K</b>	<b>2,086.7</b>	-0.65	0.41	<b>3,336.7</b>	-1.51	0.44	<b>652.0</b>	-1.13	0.31	<b>617.7</b>	0.18	1.00	
<b>TUBPVA</b>	<b>2,374.0</b>	0.04	1.92	<b>4,561.0</b>	1.06	2.06	<b>1,143.0</b>	0.07	0.34	<b>567.0</b>	-0.38	0.15	
<b>VX8VP7</b>	<b>2,396.3</b>	0.09	0.79	<b>4,228.0</b>	0.36	0.19	<b>1,084.3</b>	-0.07	1.00	<b>568.3</b>	-0.36	0.07	
<b>VYCRPZ</b>	<b>2,832.4</b>	1.14	0.71	<b>4,684.8</b>	1.32	1.22	<b>1,613.3</b>	1.22	0.38	<b>775.2</b>	1.91	2.12	
<b>WHNRH2</b>	<b>3,267.0</b>	2.19	0.88	<b>6,016.4</b>	4.11X	1.97	<b>1,831.6</b>	1.75	0.46	<b>821.3</b>	2.42	0.31	

PO4 - P (SubTestCode 206)					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	2,357.0	4,056.7	1,113.7	601.4	
<b>Median Abs Dev</b>	243.8	213.7	219.7	30.8	
<b>Avg Within Lab SD</b>	134.0	260.7	77.3	47.7	
<b>Labs Included</b>	10	9	10	10	
<b>Labs Reporting</b>	10	10	10	10	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

SO4 - S (SubTestCode 207) <span style="float: right;">Data units: mg/kg</span>												
	SRB2409			SRB2410			SRB2411			SRB2412		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>H9AUVJ</b>	<b>7,862.3</b>		1.31	<b>956.4</b>		1.20	<b>94.0</b>		1.41	<b>314.6</b>		1.41
<b>THG979</b>	<b>7,700.1</b>		0.53	<b>1,094.1</b>		0.75	<b>135.2</b>		0.04	<b>319.8</b>		0.10
SO4 - S (SubTestCode 207) <span style="float: right;">Data units: mg/kg</span>												
	SRB2409			SRB2410			SRB2411			SRB2412		
<b>Grand Median</b>	7,781.2			1,025.2			114.6			317.2		
<b>Median Abs Dev</b>												
<b>Avg Within Lab SD</b>	110.1			20.2			14.1			3.2		
<b>Labs Included</b>	2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2		



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

CI (SubTestCode 208)													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2QMUQU	1.45	0.00		0.49	-0.14		0.04	-0.83		0.30	-0.06		
38BFRZ	1.34	-0.57	0.12	0.49	-0.15	0.29	0.13	0.36	0.18	0.30	-0.08	0.00	
4EK7QW	0.17	-6.72X	0.30	0.10	-5.01X	0.77	0.11	0.10	0.09	0.10	-5.57X	0.67	
CJMCHK	1.52	0.39	0.06	0.50	0.02	0.08	0.03	-0.88	0.02	0.31	0.09	0.09	
CV3VKP	1.98	2.82	0.32	0.77	3.49	1.26	0.23	1.67	0.18	0.51	5.71X	0.95	
FZ4BJN	1.81	1.89	0.43	0.56	0.74	0.58	0.13	0.40	0.31	0.38	2.13	2.51	
GDKPVL	1.31	-0.70	1.74	0.45	-0.57	0.58	0.08	-0.26	3.22	0.28	-0.72	0.55	
GN9GMK	1.26	-0.96	0.24	0.64	1.76	0.29	0.26	2.11	2.15	0.36	1.57	0.00	
H9AUVJ	1.42	-0.15	0.27	0.52	0.25	0.37	0.05	-0.59	0.02	0.37	1.85	0.23	
HXDN3K	1.68	1.25	1.39	0.59	1.16	2.64	0.12	0.31	0.18	0.34	0.93	1.09	
JETLFG	1.40	-0.26	0.07	0.46	-0.43	0.19	0.03	-0.96	0.34	0.29	-0.31	0.39	
Q6443A	1.57	0.63	2.64	0.53	0.41	2.14	0.10	0.01	0.35	0.33	0.85	0.76	
QWMRPA	1.50	0.26	0.08	0.47	-0.34	0.58	0.07	-0.44	0.12	0.29	-0.38	0.41	
TL2339	1.34	-0.54	1.15	0.44	-0.78	0.58	0.01	-1.18	0.00	0.26	-1.09	0.55	
TUBPVA	1.47	0.11	1.20	0.50	-0.02	0.29	0.15	0.66	0.82	0.29	-0.36	0.95	
VEQX2Y	1.41	-0.17	0.21	1.10	7.68X	0.76	0.15	0.67	0.82	0.31	0.23	0.24	
VX8VP7	1.36	-0.45	0.42	0.49	-0.15	0.29	0.05	-0.69	0.36	0.30	-0.08	1.90	
WHNRH2	1.50	0.31	0.80	0.53	0.38	0.25	0.10	-0.01	0.23	0.31	0.06	1.18	

CI (SubTestCode 208)					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	1.45	0.50	0.10	0.30	
Median Abs Dev	0.09	0.03	0.05	0.01	
Avg Within Lab SD	0.05	0.02	0.03	0.01	
Labs Included	17	16	18	16	
Labs Reporting	18	18	18	18	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

TKN (SubTestCode 209)													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>99HTTN</b>	<b>3.02</b>	0.47	0.11	<b>1.63</b>	0.30	0.49	<b>2.25</b>	0.00	0.32	<b>1.01</b>	1.27	0.22	
<b>CJMCHK</b>	<b>3.15</b>	1.02	0.49	<b>1.64</b>	0.45	0.72	<b>2.29</b>	0.24	1.01	<b>0.98</b>	0.73	0.06	
<b>H9AUVJ</b>	<b>2.82</b>	-0.34	0.39	<b>1.55</b>	-0.64	0.28	<b>2.11</b>	-0.82	0.03	<b>0.89</b>	-0.68	0.43	
<b>HG44YM</b>	<b>0.01</b>	-12.09X	0.00	<b>0.01</b>	-18.92X	0.00	<b>0.01</b>	-13.34X	0.00	<b>0.01</b>	-14.72X	0.00	
<b>HXDN3K</b>	<b>3.19</b>	1.21	0.60	<b>1.65</b>	0.49	0.75	<b>2.47</b>	1.33	1.93	<b>1.02</b>	1.41	2.26	
<b>JETLFG</b>	<b>2.71</b>	-0.80	0.02	<b>1.52</b>	-1.05	0.10	<b>2.09</b>	-0.93	0.08	<b>0.92</b>	-0.17	0.09	
<b>MLHBPG</b>	<b>2.69</b>	-0.88	0.32	<b>1.45</b>	-1.79	1.78	<b>2.11</b>	-0.81	0.78	<b>0.91</b>	-0.46	0.60	
<b>WBBHB9</b>	<b>2.90</b>	0.00	2.48	<b>1.60</b>	0.00	1.55	<b>2.35</b>	0.59	1.24	<b>0.93</b>	0.00	1.13	

TKN (SubTestCode 209)					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	2.90	1.60	2.25	0.93	
<b>Median Abs Dev</b>	0.19	0.04	0.14	0.04	
<b>Avg Within Lab SD</b>	0.05	0.02	0.02	0.03	
<b>Labs Included</b>	7	7	7	7	
<b>Labs Reporting</b>	8	8	8	8	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	2.97	0.00	0.76	1.60	0.29	0.72	2.16	-0.02	0.43	0.97	-0.01	2.93
2QMUQU	2.55	-2.25	0.34	1.79	1.97	0.96	1.98	-1.36	0.81	1.15	1.98	1.79
362FMT	3.03	0.35	0.07	1.55	-0.20	0.08	2.16	-0.04	0.36	0.95	-0.24	0.13
38BFRZ	2.74	-1.24	1.70	1.51	-0.56	0.78	2.01	-1.12	1.32	0.98	0.09	1.33
4EK7QW	2.88	-0.49	0.35	1.52	-0.41	0.10	2.13	-0.22	0.09	0.90	-0.86	0.26
4VT6VT	2.26	-3.80	1.14	1.39	-1.61	1.16	1.61	-4.12	0.81	0.99	0.20	1.17
8HCJZP	3.05	0.47	0.51	1.67	0.88	0.17	2.23	0.50	0.16	1.03	0.65	0.44
9TTHAR	2.92	-0.25	0.15	1.52	-0.43	0.38	2.07	-0.66	0.54	0.90	-0.81	0.77
9YYC9U	3.03	0.36	0.54	1.72	1.29	0.27	2.22	0.45	0.25	1.05	0.92	0.68
9Z8RBT	2.92	-0.27	0.35	1.57	0.00	0.30	2.16	0.00	0.19	0.95	-0.22	0.68
CDKWFR	2.91	-0.32	4.93	1.53	-0.33	5.35	2.08	-0.65	4.45	0.74	-2.66	2.09
CJMCHK	3.01	0.22	0.26	1.57	-0.03	0.10	2.17	0.05	0.00	0.97	0.01	0.26
F84YTF	3.21	1.32	0.12	1.73	1.38	0.18	2.38	1.58	0.17	1.06	1.03	0.22
FFE2DF	2.83	-0.73	0.33	1.49	-0.68	0.22	2.07	-0.68	0.30	0.89	-0.93	0.15
FZ4BJN	3.08	0.59	0.10	1.60	0.26	0.17	2.19	0.17	0.52	1.04	0.73	0.92
GDKPVL	2.95	-0.07	1.12	1.57	-0.03	0.72	2.22	0.40	1.48	1.00	0.31	1.33
GN9GMK	3.17	1.12	0.37	1.67	0.88	0.32	2.32	1.15	0.26	1.01	0.46	1.00
H9AUVJ	2.97	0.01	0.02	1.59	0.20	0.10	2.16	-0.02	0.09	0.95	-0.24	0.02
JETLFG	3.08	0.59	0.10	1.58	0.12	0.10	2.24	0.55	0.09	0.98	0.09	0.07
KXLNTC	2.99	0.13	0.17	1.59	0.21	0.10	2.18	0.12	0.28	0.95	-0.22	0.26
L3Q84A	2.99	0.13	0.29	1.64	0.59	0.20	2.23	0.47	0.09	1.00	0.31	0.77
MG7FPD	3.15	1.02	0.24	1.67	0.84	0.22	2.39	1.67	0.28	1.05	0.84	0.25
NQ6HHA	2.91	-0.29	0.02	1.57	-0.03	0.50	2.08	-0.61	0.24	0.94	-0.37	0.89
NVJBHE	4.45	8.00X	4.03	4.44	25.27X	0.97	3.88	12.80X	0.84	2.59	18.36X	1.53
PF4EXC	3.07	0.53	0.08	1.71	1.20	0.04	2.25	0.61	0.07	1.03	0.60	0.17
QJZMD7	2.95	-0.11	0.54	1.53	-0.35	1.25	2.14	-0.15	0.38	0.94	-0.33	2.00



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>QWMRPA</b>	<b>3.08</b>	0.61	0.04	<b>1.61</b>	0.36	0.17	<b>2.28</b>	0.84	0.16	<b>0.98</b>	0.08	0.20	
<b>THG979</b>	<b>2.92</b>	-0.28	0.17	<b>1.53</b>	-0.35	0.25	<b>2.16</b>	0.01	0.11	<b>0.95</b>	-0.25	0.68	
<b>TL2339</b>	<b>2.81</b>	-0.85	0.29	<b>1.48</b>	-0.82	0.20	<b>2.07</b>	-0.69	0.16	<b>0.87</b>	-1.20	0.26	
<b>TRQM64</b>	<b>2.94</b>	-0.16	0.34	<b>1.52</b>	-0.43	0.57	<b>2.11</b>	-0.39	0.58	<b>0.92</b>	-0.58	0.97	
<b>TUBPVA</b>	<b>2.62</b>	-1.87	2.04	<b>1.35</b>	-1.97	0.96	<b>2.17</b>	0.05	3.04	<b>2.16</b>	13.48X	2.30	
<b>VEQX2Y</b>	<b>2.94</b>	-0.16	0.10	<b>1.63</b>	0.53	0.17	<b>2.15</b>	-0.10	0.16	<b>1.02</b>	0.54	0.44	
<b>VX8VP7</b>	<b>3.00</b>	0.20	0.35	<b>1.54</b>	-0.30	0.08	<b>2.13</b>	-0.25	0.11	<b>0.94</b>	-0.42	0.49	
<b>VYCRPZ</b>	<b>2.80</b>	-0.91	0.38	<b>1.42</b>	-1.33	0.37	<b>1.92</b>	-1.81	0.55	<b>0.81</b>	-1.81	0.89	
<b>WBBHB9</b>	<b>2.85</b>	-0.65	0.49	<b>1.41</b>	-1.37	0.47	<b>2.04</b>	-0.90	0.47	<b>0.76</b>	-2.42	0.83	
<b>WDUR47</b>	<b>0.61</b>	-12.76X	0.10				<b>0.04</b>	-15.82X	0.09	<b>0.03</b>	-10.66X	0.26	
<b>WHNRH2</b>	<b>3.15</b>	1.01	0.23	<b>1.74</b>	1.46	0.36	<b>2.34</b>	1.29	0.32	<b>1.07</b>	1.10	1.16	
<b>X6FA2X</b>	<b>3.01</b>	0.24	0.07	<b>1.60</b>	0.23	0.02	<b>2.19</b>	0.17	0.05	<b>0.96</b>	-0.16	0.89	
<b>XMJPMY</b>	<b>3.22</b>	1.34	0.13	<b>1.69</b>	1.03	0.10	<b>2.31</b>	1.07	0.12	<b>1.03</b>	0.61	0.31	

N- Dry Comb. (SubTestCode 210)					Data units: Percent
	SRB2409		SRB2410		SRB2412
<b>Grand Median</b>	2.97		1.57		0.97
<b>Median Abs Dev</b>	0.09		0.05		0.04
<b>Avg Within Lab SD</b>	0.06		0.06		0.02
<b>Labs Included</b>	37		37		36
<b>Labs Reporting</b>	39		38		39



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

S- Dry Comb. (SubTestCode 211)												Data units: Percent	
SRB2409			SRB2410			SRB2411			SRB2412				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>FFE2DF</b>	<b>0.92</b>		1.00	<b>0.17</b>		1.00	<b>0.12</b>		1.00	<b>0.10</b>		1.00	

S- Dry Comb. (SubTestCode 211)					Data units: Percent			
	SRB2409		SRB2410		SRB2411		SRB2412	
<b>Grand Median</b>	0.92		0.17		0.12		0.10	
<b>Median Abs Dev</b>								
<b>Avg Within Lab SD</b>	0.00		0.01		0.01		0.01	
<b>Labs Included</b>	1		1		1		1	
<b>Labs Reporting</b>	1		1		1		1	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

C-Dry Comb (SubTestCode 2111)													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>362FMT</b>	<b>39.6</b>	0.58	0.15	<b>42.2</b>	0.34	0.08	<b>44.9</b>	0.56	0.04	<b>45.4</b>	0.77	0.02	
<b>FFE2DF</b>	<b>38.7</b>	0.00	0.15	<b>41.6</b>	0.00	0.08	<b>43.7</b>	-0.16	0.09	<b>43.7</b>	-0.08	0.05	
<b>GDKPVL</b>	<b>38.1</b>	-0.39	2.27	<b>40.4</b>	-0.60	2.61	<b>43.9</b>	0.00	2.63	<b>43.8</b>	0.00	2.63	
<b>H9AUVJ</b>	<b>36.8</b>	-1.24	0.27	<b>38.7</b>	-1.46	0.04	<b>41.6</b>	-1.35	0.14	<b>41.1</b>	-1.36	0.05	
<b>TL2339</b>	<b>39.1</b>	0.27	0.62	<b>42.6</b>	0.53	0.07	<b>44.3</b>	0.20	0.11	<b>44.8</b>	0.50	0.06	
<b>TRQM64</b>	<b>38.3</b>	-0.28	1.15	<b>41.0</b>	-0.27	0.42	<b>42.8</b>	-0.67	0.25	<b>43.5</b>	-0.17	0.25	
<b>XMJPMY</b>	<b>41.8</b>	1.97	0.20	<b>44.5</b>	1.52	0.06	<b>47.0</b>	1.79	0.07	<b>47.5</b>	1.85	0.04	

C-Dry Comb (SubTestCode 2111)					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	38.7	41.6	43.9	43.8	
<b>Median Abs Dev</b>	0.6	1.0	1.0	1.0	
<b>Avg Within Lab SD</b>	0.2	0.6	0.7	1.0	
<b>Labs Included</b>	7	7	7	7	
<b>Labs Reporting</b>	7	7	7	7	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.40	-0.74	0.44	0.54	0.01	0.96	0.23	-0.61	0.24	0.11	-0.32	0.24
2QMUQU	0.39	-0.91	0.78	0.51	-0.85	0.54	0.22	-1.43	0.67	0.11	-0.82	0.60
362FMT	0.44	0.42	0.24	0.55	0.50	0.18	0.24	0.04	0.75	0.12	0.21	0.15
4EK7QW	0.46	1.12	0.75	0.55	0.40	0.42	0.27	1.50	0.82	0.12	-0.15	0.55
8HCJZP	0.42	-0.07	0.00	0.54	0.05	0.32	0.25	0.23	0.67	0.13	1.46	0.00
99HTTN	0.42	0.04	0.37	0.54	0.26	0.32	0.24	0.00	0.67	0.12	0.39	0.00
9TTHAR	0.43	0.26	1.11	0.54	0.05	1.19	0.25	0.37	0.82	0.12	0.06	1.13
9YYC9U	0.46	1.23	0.64	0.58	1.44	0.56	0.25	0.45	1.16	0.13	1.46	2.06
9Z8RBT	0.43	0.35	1.85	0.49	-1.42	0.50	0.25	0.14	2.15	0.12	-0.15	2.03
CDKWFR	0.51	2.97X	9.73	0.54	0.24	2.17	0.27	2.09	0.70	0.13	1.21	1.24
CJMCHK	0.44	0.65	0.27	0.56	0.75	0.34	0.25	0.66	0.41	0.12	-0.01	0.02
CV3VKP	0.44	0.60	1.55	0.55	0.32	2.00	0.26	0.95	2.14	0.13	0.96	0.86
CWWNDM	0.50	2.49	0.72	0.60	2.12	0.37	0.28	2.68	0.89	0.13	1.28	0.43
F84YTF	0.49	2.34	0.38	0.60	2.04	0.86	0.29	2.98	0.23	0.13	1.52	0.28
FFE2DF	0.42	-0.04	0.23	0.53	-0.25	0.68	0.24	0.09	0.09	0.12	0.53	0.05
GDKPVL	0.39	-1.16	1.34	0.49	-1.56	0.32	0.23	-1.14	0.67	0.11	-0.32	1.19
GN9GMK	0.45	0.79	1.79	0.57	1.25	1.36	0.25	0.70	1.85	0.12	0.60	1.26
H9AUVJ	0.42	-0.20	0.06	0.52	-0.57	0.08	0.24	-0.48	0.18	0.11	-0.93	0.20
HG44YM	0.42	-0.18	0.37	0.53	-0.27	1.17	0.24	-0.45	1.34	0.11	-0.32	1.19
HRP4WJ	0.41	-0.28	0.77	0.52	-0.55	0.05	0.24	-0.39	0.59	0.11	-0.16	0.09
HXDN3K	0.38	-1.53	1.55	0.48	-1.64	2.36	0.23	-0.86	1.88	0.10	-1.57	1.73
JETLFG	0.46	1.23	0.72	0.56	0.70	0.45	0.25	0.51	0.47	0.13	1.01	0.64
KXLNTC	0.41	-0.49	0.24	0.52	-0.62	0.20	0.23	-0.70	0.12	0.11	-0.54	0.24
L3Q84A	0.40	-0.62	0.37	0.54	0.15	0.56	0.24	0.00	0.67	0.12	0.75	1.19
MG7FPD	0.53	3.47X	0.22	0.66	3.95X	0.79	0.30	4.17X	0.51	0.14	2.70	0.30
MLHBPG	0.41	-0.46	0.14	0.50	-1.06	0.31	0.23	-0.86	0.31	0.11	-0.82	0.20



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQ6HHA	0.41	-0.38	0.78	0.52	-0.36	0.71	0.24	-0.52	1.08	0.11	-0.39	0.93	
NVJBHE	0.37	-1.70	1.29	0.38	-4.88X	0.86	0.42	11.82X	2.42	0.15	3.60X	0.00	
PF4EXC	0.43	0.37	0.10	0.53	-0.26	0.37	0.24	-0.39	0.35	0.11	-0.72	0.93	
Q49KZ9	0.45	1.02	1.41	0.58	1.37	0.81	0.26	1.41	0.94	0.12	0.56	0.82	
Q6443A	0.44	0.43	1.39	0.54	0.08	1.52	0.24	0.09	1.51	0.12	0.21	1.24	
QJZMD7	0.41	-0.29	0.37	0.51	-0.81	0.00	0.24	-0.45	0.67	0.11	-0.68	0.00	
QWMRPA	0.43	0.25	0.11	0.53	-0.15	0.24	0.24	-0.24	0.10	0.12	-0.03	0.15	
TL2339	0.41	-0.40	0.00	0.50	-1.02	0.32	0.24	0.00	0.67	0.11	-1.04	1.19	
TRQM64	0.40	-0.77	2.34	0.48	-1.63	2.47	0.22	-1.33	2.35	0.10	-1.39	2.91	
TUBPVA	0.44	0.57	3.18	0.55	0.37	2.53	0.25	0.11	1.74	0.12	0.28	1.86	
VEQX2Y	0.41	-0.40	0.00	0.55	0.58	0.32	0.23	-0.68	0.67	0.12	0.39	0.00	
VX8VP7	0.44	0.58	0.64	0.54	0.15	0.56	0.26	0.91	0.67	0.12	0.75	1.19	
VYCRPZ	0.41	-0.52	0.37	0.54	-0.01	0.40	0.24	-0.14	0.24	0.12	0.01	0.36	
WBBHB9	0.45	0.79	0.04	0.53	-0.22	0.18	0.24	0.11	0.46	0.11	-0.42	0.50	
WDUR47	0.43	0.15	0.37	0.56	0.80	0.00	0.24	-0.23	0.00	0.12	0.39	0.00	
WHNRH2	0.40	-0.64	0.73	0.52	-0.55	0.94	0.11	-8.99X	0.42	0.24	12.72X	2.36	
X6FA2X	0.44	0.49	0.13	0.52	-0.56	0.81	0.25	0.18	0.31	0.11	-0.75	0.60	
XMJPMY	0.41	-0.38	0.37	0.52	-0.35	0.42	0.24	-0.52	0.29	0.12	-0.11	0.24	

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	0.42	0.54	0.24	0.12	
Median Abs Dev	0.02	0.02	0.01	0.01	
Avg Within Lab SD	0.02	0.02	0.01	0.00	
Labs Included	42	42	41	42	
Labs Reporting	44	44	44	44	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>2.29</b>	-0.39	0.44	<b>3.42</b>	-0.27	0.64	<b>1.94</b>	0.00	0.69	<b>1.69</b>	-0.07	0.12
<b>2QMUQU</b>	<b>2.21</b>	-0.90	0.54	<b>3.12</b>	-1.44	0.46	<b>1.83</b>	-0.78	1.05	<b>1.61</b>	-0.66	0.33
<b>362FMT</b>	<b>2.35</b>	-0.04	0.65	<b>3.44</b>	-0.18	0.24	<b>1.92</b>	-0.09	0.86	<b>1.70</b>	-0.06	0.71
<b>4EK7QW</b>	<b>2.35</b>	-0.03	0.37	<b>3.57</b>	0.33	0.33	<b>1.97</b>	0.25	0.34	<b>1.71</b>	0.02	0.51
<b>8HCJZP</b>	<b>2.45</b>	0.61	0.37	<b>3.65</b>	0.66	0.28	<b>1.96</b>	0.17	0.34	<b>1.77</b>	0.46	0.31
<b>99HTTN</b>	<b>2.32</b>	-0.20	0.15	<b>3.48</b>	-0.01	0.05	<b>1.90</b>	-0.30	0.10	<b>1.67</b>	-0.26	0.12
<b>9TTHAR</b>	<b>2.20</b>	-0.96	0.79	<b>3.29</b>	-0.78	0.72	<b>1.84</b>	-0.70	0.20	<b>1.55</b>	-1.10	1.59
<b>9YYC9U</b>	<b>2.31</b>	-0.28	0.22	<b>3.47</b>	-0.06	0.09	<b>1.88</b>	-0.42	0.17	<b>1.70</b>	-0.02	0.20
<b>9Z8RBT</b>	<b>2.39</b>	0.27	1.82	<b>3.18</b>	-1.20	1.74	<b>1.93</b>	-0.02	0.60	<b>1.65</b>	-0.38	2.02
<b>CDKWFR</b>	<b>2.42</b>	0.42	1.85	<b>3.53</b>	0.17	1.42	<b>2.21</b>	2.01	3.99	<b>1.84</b>	0.98	1.26
<b>CJMCHK</b>	<b>2.57</b>	1.41	0.34	<b>3.85</b>	1.45	0.19	<b>2.12</b>	1.39	0.42	<b>1.84</b>	1.01	0.16
<b>CV3VKP</b>	<b>2.45</b>	0.62	0.48	<b>3.46</b>	-0.09	3.79	<b>1.94</b>	0.05	2.44	<b>1.74</b>	0.24	0.51
<b>CWWNDM</b>	<b>2.63</b>	1.75	1.02	<b>3.84</b>	1.39	0.33	<b>2.14</b>	1.48	0.69	<b>1.82</b>	0.84	0.20
<b>F84YTF</b>	<b>2.56</b>	1.35	0.78	<b>3.82</b>	1.32	0.02	<b>2.18</b>	1.78	0.22	<b>1.87</b>	1.16	0.83
<b>FFE2DF</b>	<b>2.37</b>	0.12	0.04	<b>3.49</b>	0.02	0.43	<b>1.87</b>	-0.50	0.09	<b>1.68</b>	-0.16	0.28
<b>GDKPVL</b>	<b>2.11</b>	-1.51	0.89	<b>3.22</b>	-1.06	0.89	<b>1.82</b>	-0.89	0.43	<b>1.60</b>	-0.72	0.42
<b>GN9GMK</b>	<b>2.33</b>	-0.11	0.66	<b>3.41</b>	-0.31	0.65	<b>1.93</b>	-0.05	0.74	<b>1.67</b>	-0.24	0.93
<b>H9AUVJ</b>	<b>2.44</b>	0.59	0.23	<b>3.49</b>	0.00	0.13	<b>2.02</b>	0.58	0.31	<b>1.68</b>	-0.18	0.09
<b>HG44YM</b>	<b>2.33</b>	-0.15	0.99	<b>3.54</b>	0.20	1.33	<b>1.91</b>	-0.20	1.48	<b>1.74</b>	0.26	1.26
<b>HRP4WJ</b>	<b>2.24</b>	-0.72	1.78	<b>3.16</b>	-1.28	0.84	<b>1.84</b>	-0.73	1.11	<b>1.48</b>	-1.61	0.90
<b>HXDN3K</b>	<b>2.13</b>	-1.38	2.08	<b>3.20</b>	-1.14	2.52	<b>1.92</b>	-0.10	2.13	<b>1.40</b>	-2.18	3.26
<b>JETLFG</b>	<b>2.49</b>	0.90	0.47	<b>3.58</b>	0.36	0.41	<b>1.95</b>	0.08	0.47	<b>1.81</b>	0.78	0.99
<b>KXLNTC</b>	<b>2.32</b>	-0.20	0.25	<b>3.55</b>	0.26	0.29	<b>1.94</b>	0.05	0.55	<b>1.75</b>	0.36	0.31
<b>L3Q84A</b>	<b>2.40</b>	0.29	0.66	<b>3.43</b>	-0.23	0.28	<b>1.91</b>	-0.20	0.17	<b>1.58</b>	-0.89	0.88
<b>MG7FPD</b>	<b>2.81</b>	2.93X	0.06	<b>4.11</b>	2.43	0.86	<b>2.31</b>	2.75	0.52	<b>2.00</b>	2.16	0.42
<b>MLHBPG</b>	<b>2.03</b>	-2.01	0.41	<b>2.95</b>	-2.09	0.32	<b>1.64</b>	-2.20	0.05	<b>1.38</b>	-2.32	0.60



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NQ6HHA	2.30	-0.32	0.86	3.51	0.08	0.88	1.96	0.16	1.03	1.72	0.13	0.58
NVJBHE	2.79	2.78	2.06	10.59	27.88X	2.99	4.69	20.37X	2.77	1.45	-1.80	0.47
PF4EXC	2.42	0.41	0.24	3.44	-0.19	0.43	1.93	-0.01	0.10	1.67	-0.23	0.15
Q49KZ9	2.47	0.77	1.43	3.79	1.21	0.81	2.05	0.83	0.58	1.78	0.58	0.89
Q6443A	2.55	1.26	1.39	3.82	1.32	1.48	2.08	1.06	0.89	1.89	1.34	1.82
QJZMD7	2.27	-0.51	0.44	3.33	-0.61	0.16	1.89	-0.34	0.00	1.65	-0.38	0.35
QWMRPA	2.37	0.15	0.13	3.60	0.43	0.29	1.93	-0.04	0.13	1.72	0.10	0.05
TL2339	2.34	-0.07	0.25	3.42	-0.26	0.48	2.00	0.49	0.26	1.66	-0.29	0.12
TRQM64	2.28	-0.47	0.78	3.26	-0.87	2.01	1.96	0.16	0.45	1.72	0.15	0.72
TUBPVA	2.54	1.18	2.26	3.72	0.92	0.37	2.04	0.79	0.69	1.82	0.84	2.25
VEQX2Y	2.39	0.23	0.08	3.72	0.92	0.24	2.04	0.79	0.26	1.84	0.96	0.47
VX8VP7	2.29	-0.37	1.57	3.56	0.29	0.24	1.82	-0.86	1.85	1.69	-0.07	0.65
VYCRPZ	2.40	0.28	0.36	3.57	0.33	0.57	2.07	0.98	0.12	1.78	0.54	1.04
WBBHB9	2.51	1.00	0.27	3.56	0.29	0.23	1.97	0.28	0.87	1.75	0.35	0.68
WDUR47	2.29	-0.37	0.08	3.36	-0.48	0.45	1.85	-0.64	0.30	1.63	-0.50	0.12
WHNRH2	2.09	-1.62	1.93	3.21	-1.10	0.90	1.54	-2.96	0.66	1.82	0.85	2.05
X6FA2X	2.35	0.00	0.36	3.34	-0.58	0.84	1.91	-0.17	0.27	1.57	-0.99	0.50
XMJPMY	2.36	0.05	0.45	3.59	0.40	0.27	2.03	0.68	0.14	1.77	0.46	0.42

### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2409	SRB2410	SRB2411	SRB2412
Grand Median	2.35	3.49	1.94	1.70
Median Abs Dev	0.07	0.11	0.07	0.07
Avg Within Lab SD	0.07	0.11	0.06	0.05
Labs Included	43	43	43	44
Labs Reporting	44	44	44	44



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	2.23	-0.73	0.52	0.36	0.39	0.84	2.07	-0.48	0.30	0.24	0.45	0.13
2QMUQU	2.27	-0.46	1.07	0.33	-0.46	1.37	2.01	-0.85	0.56	0.21	-0.45	0.80
362FMT	2.31	-0.14	0.59	0.32	-0.65	0.16	2.10	-0.26	0.96	0.21	-0.30	0.57
4EK7QW	2.29	-0.29	0.82	0.34	-0.15	0.00	2.18	0.28	0.22	0.22	-0.12	0.00
99HTTN	2.42	0.64	0.09	0.41	1.69	0.07	2.20	0.44	0.07	0.28	2.13	0.23
9TTHAR	2.20	-0.92	1.63	0.33	-0.50	0.68	2.03	-0.74	0.95	0.20	-0.80	1.54
9YYC9U	2.35	0.11	0.22	0.34	-0.15	0.66	2.12	-0.12	0.15	0.23	0.23	1.13
9Z8RBT	2.31	-0.15	0.53	0.32	-0.65	0.52	2.14	0.00	0.51	0.23	0.35	1.77
CDKWER	2.40	0.48	2.09	0.42	1.93	2.71	2.35	1.49	3.35	0.31	3.04	1.61
CJMCHK	2.46	0.92	0.21	0.36	0.49	0.17	2.25	0.80	0.64	0.23	0.15	0.10
CV3VKP	1.20	-7.85X	4.89	0.21	-3.73X	6.64	0.79	-9.35X	0.13	0.08	-5.03X	0.07
CWWNDM	2.40	0.45	0.43	0.36	0.49	0.30	2.11	-0.16	0.68	0.22	-0.04	0.51
F84YTF	2.80	3.23	0.10	0.39	1.16	1.40	2.68	3.73	0.32	0.25	0.84	0.38
FFE2DF	2.86	3.65X	0.14	0.43	2.33	0.57	2.63	3.40	0.15	0.29	2.38	0.18
GDKPVL	2.18	-1.07	0.56	0.35	0.12	1.33	2.07	-0.46	0.53	0.23	0.23	1.13
GN9GMK	2.36	0.19	1.05	0.37	0.70	0.47	2.15	0.08	0.98	0.24	0.74	1.34
H9AUVJ	2.45	0.79	0.23	0.34	-0.22	0.10	2.16	0.14	0.28	0.21	-0.31	0.17
HG44YM	2.35	0.11	0.98	0.34	-0.15	1.33	2.13	-0.07	1.72	0.22	0.00	0.65
HRP4WJ	2.30	-0.25	1.31	0.31	-0.93	0.43	2.12	-0.11	0.74	0.20	-0.74	0.14
HXDN3K	2.20	-0.91	2.76	0.37	0.74	2.14	2.15	0.07	2.12	0.25	1.05	1.30
JETLFG	2.54	1.44	0.78	0.37	0.69	0.07	2.22	0.60	0.47	0.26	1.25	0.67
L3Q84A	2.16	-1.21	0.22	0.35	0.12	0.66	1.97	-1.13	0.47	0.22	-0.24	0.65
MG7FPD	2.89	3.86X	0.07	0.44	2.40	0.72	2.66	3.63	0.32	0.28	2.02	0.43
MLHBPG	2.35	0.10	0.38	0.33	-0.32	0.06	2.11	-0.22	0.02	0.22	-0.21	0.44
NQ6HHA	2.22	-0.78	0.90	0.33	-0.48	1.42	2.05	-0.57	0.93	0.21	-0.50	0.98
NVJBHE	3.22	6.14X	2.66	1.59	33.27X	4.36	0.46	-11.63X	0.30	3.90	128.76X	1.13



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PF4EXC	2.45	0.82	0.37	0.33	-0.34	0.30	2.14	0.04	0.10	0.21	-0.63	0.62	
Q49KZ9	2.37	0.29	1.49	0.35	0.13	0.34	2.16	0.15	0.76	0.22	-0.27	0.59	
Q6443A	2.18	-1.03	1.51	0.33	-0.40	0.87	1.97	-1.15	2.07	0.22	-0.04	1.85	
QJZMD7	2.28	-0.36	0.15	0.34	-0.24	0.38	2.12	-0.12	0.15	0.21	-0.35	0.65	
QWMRPA	2.47	0.97	0.26	0.34	-0.07	0.18	2.22	0.55	0.07	0.22	0.00	0.10	
TL2339	2.32	-0.10	0.17	0.31	-0.86	0.38	2.18	0.32	0.22	0.20	-0.82	0.00	
TRQM64	2.27	-0.45	0.97	0.39	1.10	1.77	2.01	-0.87	0.67	0.26	1.20	2.89	
TUBPVA	2.69	2.46	2.43	0.39	1.19	0.66	2.30	1.13	2.54	0.26	1.22	1.63	
VEQX2Y	2.35	0.11	0.09	0.37	0.74	0.77	2.22	0.55	0.17	0.24	0.58	0.00	
VX8VP7	2.37	0.24	0.90	0.38	0.83	2.77	2.19	0.37	1.02	0.23	0.23	1.95	
VYCRPZ	2.29	-0.26	0.24	0.37	0.63	0.32	2.12	-0.14	0.24	0.25	1.06	0.63	
WBBHB9	2.39	0.40	0.15	0.35	0.07	0.18	2.11	-0.15	0.71	0.23	0.37	0.64	
WDUR47	2.29	-0.29	0.29	0.33	-0.33	0.38	2.04	-0.65	0.22	0.22	0.00	0.65	
WHNRH2	2.09	-1.64	1.34	0.31	-1.04	0.67	0.19	-13.46X	0.08	1.96	60.65X	11.20	
X6FA2X	2.39	0.43	0.25	0.32	-0.81	1.00	2.15	0.12	0.13	0.20	-0.76	0.23	
XMJPMY	2.27	-0.43	0.37	0.34	-0.28	0.35	2.11	-0.15	0.07	0.22	-0.18	0.17	

Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	2.33	0.35	2.14	0.22	
Median Abs Dev	0.07	0.02	0.05	0.01	
Avg Within Lab SD	0.07	0.02	0.07	0.01	
Labs Included	38	40	39	39	
Labs Reporting	42	42	42	42	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.34	-0.24	0.63	0.25	0.20	0.83	0.43	-0.36	0.13	0.09	0.43	0.28
2QMUQU	0.35	0.25	1.01	0.25	0.18	1.61	0.43	-0.52	0.76	0.08	-0.02	0.60
362FMT	0.34	-0.18	0.84	0.23	-0.66	0.58	0.44	-0.22	0.96	0.08	-0.47	0.00
4EK7QW	0.33	-0.34	0.36	0.24	-0.45	0.24	0.44	-0.13	0.17	0.08	-0.13	0.16
99HTTN	0.37	1.04	0.17	0.27	1.11	0.11	0.47	0.87	0.13	0.10	2.00	1.00
9TTHAR	0.33	-0.44	1.61	0.24	-0.41	1.15	0.41	-0.90	1.20	0.08	-0.45	0.45
9YYC9U	0.33	-0.48	0.82	0.25	0.06	1.15	0.42	-0.68	0.64	0.08	0.00	1.43
9Z8RBT	0.34	-0.12	1.31	0.23	-1.02	0.40	0.44	-0.24	0.66	0.09	0.03	1.24
CDKWER	0.36	0.58	1.61	0.26	0.35	1.80	0.46	0.61	3.72	0.10	1.94	0.75
CJMCHK	0.35	0.30	0.21	0.25	0.23	0.33	0.45	0.24	0.37	0.08	-0.17	0.16
CV3VKP	0.23	-3.94X	8.45	0.15	-4.53X	8.93	0.17	-8.08X	0.29	0.03	-5.31X	0.87
CWWNDM	0.37	0.96	0.25	0.26	0.30	0.53	0.46	0.48	0.57	0.09	0.07	0.03
F84YTF	0.37	0.97	0.84	0.26	0.43	0.34	0.50	1.77	0.16	0.07	-1.15	0.26
FFE2DF	0.43	3.10	0.08	0.31	3.12	0.56	0.55	3.11	0.19	0.11	2.36	0.12
GDKPVL	0.33	-0.36	0.47	0.24	-0.26	0.66	0.44	0.00	0.74	0.09	0.20	1.64
GN9GMK	0.37	0.91	0.86	0.26	0.44	0.40	0.47	0.78	0.72	0.09	0.53	1.02
H9AUVJ	0.35	0.16	0.14	0.24	-0.20	0.11	0.44	-0.10	0.17	0.08	-0.32	0.28
HG44YM	0.33	-0.48	0.82	0.24	-0.57	1.33	0.43	-0.49	1.33	0.08	-0.47	0.00
HRP4WJ	0.34	-0.17	1.46	0.23	-0.77	0.88	0.44	-0.12	1.12	0.07	-1.01	0.16
HXDN3K	0.33	-0.36	2.62	0.25	0.06	3.04	0.46	0.49	2.30	0.09	0.87	1.64
JETLFG	0.38	1.29	0.77	0.26	0.75	0.21	0.46	0.43	0.56	0.09	0.97	0.52
L3Q84A	0.35	0.35	0.94	0.27	0.86	0.66	0.46	0.58	0.97	0.09	0.53	0.00
MG7FPD	0.42	2.80	0.07	0.29	2.14	0.89	0.55	3.13	0.32	0.09	0.99	0.42
MLHBPG	0.33	-0.61	0.27	0.23	-1.05	0.16	0.42	-0.82	0.08	0.08	-0.57	0.09
NQ6HHA	0.34	0.02	1.20	0.26	0.32	0.39	0.44	0.04	0.90	0.08	-0.20	1.38
NVJBHE	1.07	26.09X	4.91	0.73	23.09X	2.89	0.19	-7.29X	0.37	0.36	27.57X	0.00



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PF4EXC	0.34	-0.02	0.36	0.24	-0.64	0.59	0.43	-0.44	0.48	0.07	-1.03	1.73	
Q49KZ9	0.37	0.92	1.45	0.26	0.76	1.01	0.47	0.86	0.51	0.09	0.08	0.64	
Q6443A	0.35	0.39	2.68	0.26	0.33	2.37	0.46	0.44	2.45	0.09	0.82	3.04	
QJZMD7	0.33	-0.48	0.00	0.24	-0.41	0.00	0.43	-0.39	0.00	0.08	-0.13	1.64	
QWMPA	0.33	-0.62	0.07	0.22	-1.27	0.23	0.41	-1.03	0.03	0.07	-1.15	0.07	
TL2339	0.33	-0.48	0.00	0.22	-1.21	0.66	0.44	0.00	0.37	0.07	-1.47	0.00	
TRQM64	0.35	0.20	1.04	0.24	-0.26	1.94	0.44	-0.20	0.72	0.10	1.18	2.25	
TUBPVA	0.41	2.38	1.41	0.28	1.49	1.15	0.51	1.92	0.97	0.10	1.54	0.00	
VEQX2Y	0.34	-0.12	0.00	0.25	0.06		0.47	0.68	0.37	0.08	-0.47	0.00	
VX8VP7	0.32	-0.84	0.00	0.23	-0.89	0.00	0.41	-0.87	0.74	0.09	0.20	1.64	
VYCRPZ	0.35	0.30	0.38	0.26	0.45	0.31	0.45	0.13	0.22	0.09	0.85	0.70	
WBBHB9	0.36	0.62	0.01	0.25	-0.06	0.09	0.45	0.32	0.55	0.09	0.20	0.66	
WDUR47	0.31	-1.20	0.00	0.23	-1.05	0.66	0.40	-1.26	0.00	0.08	-0.47	0.00	
WHNRH2	0.31	-1.11	1.66	0.23	-0.93	0.95	0.08	-10.68X	0.18	0.42	33.59X	6.72	
X6FA2X	0.35	0.33	0.39	0.23	-0.76	0.70	0.45	0.13	0.29	0.08	-0.80	0.43	
XMJPMY	0.33	-0.46	0.34	0.24	-0.46	0.41	0.43	-0.53	0.13	0.08	-0.03	0.16	

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	0.34	0.25	0.44	0.085	
Median Abs Dev	0.01	0.01	0.02	0.005	
Avg Within Lab SD	0.01	0.01	0.02	0.004	
Labs Included	40	40	39	39	
Labs Reporting	42	42	42	42	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.96	-1.02	0.45	0.18	-0.02	0.83	0.12	-0.61	0.21			
2QMUQU	1.03	-0.24	0.70	0.18	-0.28	0.83	0.12	-0.70	0.44	0.08	-0.50	0.08
362FMT	1.05	-0.06	0.24	0.18	-0.04	0.00	0.12	-0.44	0.00	0.09	-0.12	0.47
4EK7QW	1.07	0.15	0.70	0.18	-0.25	0.72	0.12	-0.44	0.00	0.08	-0.32	0.54
8HCJZP	1.02	-0.34	0.35	0.20	0.98	0.72	0.14	0.68	0.00	0.10	1.28	0.54
99HTTN	1.04	-0.19	0.13	0.18	0.16	0.72	0.15	1.24	0.00	0.09	0.48	0.00
9TTHAR	1.07	0.21	1.71	0.19	0.58	1.23	0.15	1.43	1.41	0.09	0.10	0.51
9YYC9U	1.05	-0.04	0.23	0.20	1.18	1.24	0.14	0.68	1.22	0.10	1.92	0.99
9Z8RBT	1.00	-0.64	1.45	0.16	-1.23	0.50	0.12	-0.71	0.71	0.08	-0.68	0.47
CDKWFR	1.28	2.52	3.94	0.25	4.15X	3.53	0.18	2.76	2.95	0.08	-0.89	5.57
CJMCHK	1.13	0.85	0.24	0.19	0.52	0.31	0.13	0.00	0.22	0.09	0.25	0.10
CV3VKP	1.13	0.86	2.00	0.21	1.63	2.74	0.14	0.74	1.87	0.10	1.68	0.98
CWWNDM	1.22	1.84	0.35	0.20	1.23	0.50	0.14	0.42	0.37	0.09	0.28	0.35
F84YTF	1.11	0.63	0.12	0.18	0.00	0.33	0.16	1.98	0.37	0.09	-0.09	0.19
FFE2DF	1.04	-0.12	0.37	0.17	-0.43	0.21	0.15	1.01	0.10	0.09	0.27	0.09
GDKPVL	0.98	-0.79	1.27	0.17	-0.45	0.72	0.14	0.49	0.70	0.08	-0.32	0.54
GN9GMK	1.16	1.24	1.33	0.21	2.02	1.04	0.15	1.37	1.12	0.10	1.24	0.46
H9AUVJ	1.05	-0.05	0.05	0.18	-0.26	0.12	0.12	-0.26	0.07	0.08	-0.35	0.10
HG44YM	1.07	0.19	0.46	0.18	0.16	0.72	0.12	-0.26	0.70	0.08	-0.32	0.54
HRP4WJ	1.02	-0.37	0.96	0.17	-0.40	1.29	0.12	-0.47	1.17	0.08	-0.70	0.70
HXDN3K	1.02	-0.34	1.53	0.18	-0.04	2.15	0.12	-0.26	1.41	0.08	-1.12	0.54
JETLFG	1.24	2.15	0.64	0.21	1.81	0.24	0.14	0.75	0.17	0.10	1.72	0.25
L3Q84A	1.03	-0.30	1.48	0.20	1.39	0.72	0.17	2.18	1.41	0.09	0.48	0.00
MG7FPD	1.30	2.79	0.04	0.23	2.72	0.67	0.17	2.44	0.38	0.11	2.45	0.11
MLHBPG	1.16	1.15	0.10	0.19	0.82	0.13	0.13	0.32	0.17	0.09	0.63	0.07
NQ6HHA	0.96	-1.04	1.06	0.17	-0.58	0.65	0.12	-0.26	0.38	0.08	-0.43	0.14



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NVJBHE	0.80	-2.86X	0.92	0.24	3.44X	1.44	0.35	12.65X	1.86	0.22	16.06X	0.00	
PF4EXC	1.10	0.55	0.17	0.18	0.14	0.82	0.12	-0.26	0.62	0.09	-0.08	0.42	
Q49KZ9	1.06	0.07	0.22	0.19	0.75	0.31	0.14	0.67	0.64	0.10	1.67	0.14	
Q6443A	1.03	-0.29	0.76	0.18	-0.06	0.69	0.12	-0.65	2.44	0.08	-0.50	0.28	
QJZMD7	1.07	0.23	0.35	0.18	0.16	0.72	0.12	-0.26	0.70	0.08	-0.32	0.54	
QWMRPA	1.03	-0.24	0.14	0.18	-0.21	0.19	0.12	-0.33	0.09	0.08	-0.53	0.04	
TL2339	0.87	-2.03	0.13	0.15	-2.09	0.72	0.12	-0.44	0.00	0.07	-1.92	0.00	
TRQM64	1.06	0.11	1.69	0.20	1.05	1.58	0.13	-0.10	0.83	0.09	0.34	0.69	
TUBPVA	1.18	1.43	0.46	0.18	-0.29	3.26	0.12	-0.20	2.69	0.08	-1.00	1.55	
VEQX2Y	1.06	0.04	0.13	0.20	1.18	0.00	0.12	-0.26	0.70	0.09	0.48	0.00	
VX8VP7	0.96	-1.01	0.53	0.17	-0.86	0.72	0.13	0.30	0.70	0.09	0.08	0.54	
VYCRPZ	0.99	-0.73	0.26	0.18	-0.25	0.23	0.13	0.07	0.26	0.08	-0.41	0.21	
WBBHB9	1.11	0.59	0.03	0.18	0.07	0.07	0.12	-0.17	0.29	0.09	0.11	0.19	
WDUR47	1.06	0.11	0.35	0.18	-0.04	0.00	0.13	0.12	0.00	0.09	0.48	0.00	
WHNRH2	1.03	-0.25	0.79	0.17	-0.84	0.64	0.08	-2.66X	0.29	0.12	3.79X	0.84	
X6FA2X	1.09	0.37	0.16	0.18	-0.29	0.37	0.12	-0.24	0.07	0.08	-0.28	0.23	
XMJPMY	1.04	-0.17	0.25	0.18	0.16	0.52	0.14	0.72	0.07	0.09	0.20	0.05	

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	1.05	0.18	0.13	0.086	
Median Abs Dev	0.03	0.01	0.01	0.004	
Avg Within Lab SD	0.04	0.01	0.01	0.011	
Labs Included	42	41	41	40	
Labs Reporting	43	43	43	42	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.644	-0.36	0.64									
2QMUQU	0.630	-0.60	0.53	0.005	0.19	0.88	0.006	0.30	1.20	0.004	0.00	0.66
362FMT	0.703	0.62	0.13	0.002	-0.48	0.20	0.003	-0.47	0.00	0.002	-0.45	0.00
4EK7QW	0.668	0.03	0.38									
99HTTN	0.703	0.62	0.27	0.010	1.15	0.00	0.010	1.29	0.00	0.010	1.35	0.00
9TTHAR	0.662	-0.06	0.71	0.001	-0.74	0.00	0.002	-0.75	0.14	0.000	-0.86	0.04
9YYC9U	0.660	-0.10	0.47	0.006	0.24	0.58	0.005	0.02	0.89	0.004	0.00	0.62
9Z8RBT	0.683	0.27	0.91	0.002	-0.54	0.67	0.003	-0.57	0.51	0.001	-0.68	0.00
CDKWER	0.661	-0.09	3.93	0.022	3.52X	12.82	0.008	0.70	1.85	0.006	0.38	1.30
CJMCHK	0.740	1.23	0.25	0.002	-0.45	0.52	0.003	-0.58	0.14	0.001	-0.68	0.04
CV3VKP	0.470	-3.27X	7.92	0.001	-0.61	0.67	0.002	-0.82	1.02	0.002	-0.45	0.00
CWWNDM	0.735	1.15	0.70	0.002	-0.45		0.002	-0.69	0.00			
F84YTF	0.751	1.41	0.08									
FFE2DF	0.716	0.83	0.08	0.004	-0.06	0.24	0.005	0.02	0.03	0.003	-0.22	0.04
GDKPVL	0.617	-0.82	0.97	0.010	1.15	0.00						
H9AUVJ	0.766	1.66	0.26	0.001	-0.68	0.00	0.001	-0.99	0.00	0.001	-0.68	0.00
HG44YM	0.692	0.43	0.73	0.004	0.00	0.67	0.008	0.70	0.51	0.006	0.53	0.36
HRP4WJ	0.665	-0.03	1.71	0.002	-0.45	0.34	0.004	-0.35	0.20	0.001	-0.62	0.59
HXDN3K	0.603	-1.05	2.21	0.010	1.15	0.00	0.010	1.29	0.00	0.010	1.35	0.00
JETLFG	0.622	-0.74	0.74	0.007	0.53	0.10	0.018	3.25X	0.42	0.007	0.62	0.04
MG7FPD	0.774	1.79	0.13	0.006	0.30	0.59	0.005	-0.02	0.47	0.002	-0.43	0.00
NVJBHE	0.213	-7.54X	0.54	0.087	16.71X	6.72	0.010	1.29	0.00	0.020	3.60X	0.00
PF4EXC	0.700	0.56	0.12	0.003	-0.20	0.67	0.004	-0.32	0.51			
Q49KZ9	0.641	-0.42	0.39	0.001	-0.75	0.05	0.002	-0.84	0.06	0.000	-0.88	0.01
Q6443A	0.705	0.65	1.38	0.006	0.28	0.26	0.007	0.45	4.02	0.007	0.61	4.51
QWMPRA	0.629	-0.62	0.12	0.003	-0.34	0.18	0.004	-0.21	0.17	0.002	-0.39	0.14



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na (SubTestCode 217) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>TL2339</b>	<b>0.660</b>	-0.11	0.24	<b>0.000</b>	-0.86	0.00	<b>0.001</b>	-1.12	0.00	<b>0.000</b>	-0.88	0.00	
<b>TRQM64</b>	<b>0.654</b>	-0.21	0.90	<b>0.016</b>	2.33	4.99	<b>0.008</b>	0.78	2.09	<b>0.007</b>	0.59	0.80	
<b>TUBPVA</b>	<b>0.773</b>	1.78	0.27	<b>0.010</b>	1.15	0.00	<b>0.009</b>	1.12	1.02	<b>0.008</b>	0.90	2.16	
<b>VEQX2Y</b>	<b>0.693</b>	0.45	0.27	<b>0.010</b>	1.15	0.00	<b>0.010</b>	1.29	0.00	<b>0.010</b>	1.35	0.00	
<b>VX8VP7</b>	<b>0.610</b>	-0.94	0.81	<b>0.010</b>	1.15	0.00	<b>0.010</b>	1.29	0.00	<b>0.010</b>	1.35	0.00	
<b>VYCRPZ</b>	<b>0.653</b>	-0.22	0.33	<b>0.013</b>	1.70	0.74	<b>0.016</b>	2.75X	0.32	<b>0.014</b>	2.27	0.22	
<b>WBBHB9</b>	<b>0.710</b>	0.73	0.27	<b>0.006</b>	0.24	0.23	<b>0.007</b>	0.61	0.46	<b>0.006</b>	0.38	0.28	
<b>WDUR47</b>	<b>0.737</b>	1.18	0.19	<b>0.008</b>	0.81	0.67	<b>0.008</b>	0.87	0.51	<b>0.005</b>	0.15	0.36	
<b>WHNRH2</b>	<b>0.610</b>	-0.93	1.24	<b>0.003</b>	-0.34	0.44	<b>0.004</b>	-0.26	0.33	<b>0.005</b>	0.15	0.28	
<b>XMJPMY</b>	<b>0.652</b>	-0.24	0.34	<b>0.002</b>	-0.44	0.02	<b>0.004</b>	-0.27	0.15	<b>0.002</b>	-0.36	0.03	

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	0.67		0.004		0.005
<b>Median Abs Dev</b>	0.04		0.003		0.003
<b>Avg Within Lab SD</b>	0.02		0.001		0.001
<b>Labs Included</b>	34		31		30
<b>Labs Reporting</b>	36		33		32



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2QMUQU</b>	<b>213.1</b>	0.68	2.88	<b>167.4</b>	0.94	2.38	<b>203.0</b>	0.14	0.79	<b>156.6</b>	0.50	1.04
<b>362FMT</b>	<b>159.1</b>	-0.10	0.44	<b>90.9</b>	-0.46	0.03	<b>154.3</b>	-0.64	0.30	<b>123.6</b>	-0.85	0.17
<b>4EK7QW</b>	<b>130.3</b>	-0.51	0.23	<b>82.4</b>	-0.62	0.23	<b>136.0</b>	-0.93	0.64	<b>101.3</b>	-1.76	0.10
<b>99HTTN</b>	<b>114.0</b>	-0.75	0.11	<b>80.0</b>	-0.66	0.19	<b>118.0</b>	-1.22	0.12	<b>119.3</b>	-1.02	0.10
<b>9TTHAR</b>	<b>134.7</b>	-0.45	0.65	<b>91.5</b>	-0.45	1.11	<b>132.5</b>	-0.99	0.39	<b>124.3</b>	-0.82	0.66
<b>CJMCHK</b>	<b>154.6</b>	-0.16	0.35	<b>112.3</b>	-0.07	0.31	<b>175.9</b>	-0.29	0.58	<b>144.3</b>	0.00	0.19
<b>CWWNDM</b>	<b>161.0</b>	-0.07	0.87	<b>118.3</b>	0.04	0.76	<b>180.7</b>	-0.21	0.18	<b>144.3</b>	0.00	0.52
<b>F84YTF</b>	<b>269.8</b>	1.49	0.89	<b>182.4</b>	1.21	1.43	<b>257.2</b>	1.01	0.30	<b>164.7</b>	0.83	0.78
<b>FFE2DF</b>	<b>246.8</b>	1.16	0.86	<b>176.6</b>	1.11	0.09	<b>237.7</b>	0.70	0.26	<b>172.2</b>	1.14	0.25
<b>GDKPVL</b>	<b>237.0</b>	1.02	1.37	<b>90.4</b>	-0.47	1.72	<b>163.7</b>	-0.49	1.33	<b>123.0</b>	-0.87	1.29
<b>GN9GMK</b>	<b>280.0</b>	1.64	0.30	<b>191.9</b>	1.39	0.40	<b>258.8</b>	1.04	0.13	<b>169.5</b>	1.03	0.21
<b>H9AUVJ</b>	<b>214.3</b>	0.69	0.72	<b>154.1</b>	0.70	0.07	<b>213.2</b>	0.31	0.16	<b>139.9</b>	-0.18	0.28
<b>HG44YM</b>	<b>383.3</b>	3.12X	2.14	<b>186.3</b>	1.29	1.79	<b>313.3</b>	1.92	0.14	<b>170.0</b>	1.05	1.42
<b>HRP4WJ</b>	<b>165.9</b>	0.00	1.47	<b>108.5</b>	-0.14	0.74	<b>163.9</b>	-0.48	0.23	<b>129.4</b>	-0.61	0.29
<b>HXDN3K</b>	<b>165.5</b>	-0.01	0.34	<b>106.2</b>	-0.18	0.75	<b>194.2</b>	0.00	2.01	<b>157.7</b>	0.55	2.18
<b>MLHBPG</b>	<b>226.0</b>	0.86	0.95	<b>131.4</b>	0.28	0.76	<b>210.9</b>	0.27	0.45	<b>140.2</b>	-0.17	0.54
<b>NVJBHE</b>	<b>104.7</b>	-0.88	0.87	<b>52.3</b>	-1.17	0.66	<b>25.0</b>	-2.72X	0.12	<b>41.3</b>	-4.22X	0.27
<b>PF4EXC</b>	<b>299.4</b>	1.92	0.10	<b>148.4</b>	0.59	0.14	<b>242.9</b>	0.79	0.10	<b>150.2</b>	0.24	0.06
<b>Q49KZ9</b>	<b>163.8</b>	-0.03	1.05	<b>113.7</b>	-0.04	0.55	<b>179.0</b>	-0.24	1.09	<b>146.4</b>	0.09	0.86
<b>QWMRPA</b>	<b>243.7</b>	1.12	0.89	<b>172.5</b>	1.03	1.21	<b>242.7</b>	0.78	0.93	<b>155.6</b>	0.46	0.24
<b>TL2339</b>	<b>113.6</b>	-0.75	0.19	<b>65.2</b>	-0.93	0.53	<b>117.6</b>	-1.23	0.09	<b>109.1</b>	-1.44	0.15
<b>VEQX2Y</b>	<b>161.0</b>	-0.07	0.65	<b>62.0</b>	-0.99	0.19	<b>120.0</b>	-1.19	0.85	<b>125.0</b>	-0.79	0.36
<b>VYCRPZ</b>	<b>192.6</b>	0.38	1.99	<b>162.4</b>	0.85	2.29	<b>226.2</b>	0.52	3.51	<b>172.0</b>	1.13	3.50
<b>WBBHB9</b>	<b>134.7</b>	-0.45	0.40	<b>92.4</b>	-0.43	0.36	<b>121.9</b>	-1.16	0.85	<b>132.4</b>	-0.49	0.35
<b>WDUR47</b>	<b>233.7</b>	0.97	0.38	<b>146.7</b>	0.56	0.11	<b>194.0</b>	0.00	0.21	<b>145.7</b>	0.05	0.10
<b>XMJPMY</b>	<b>215.5</b>	0.71	0.74	<b>167.2</b>	0.94	0.57	<b>213.2</b>	0.31	1.09	<b>162.7</b>	0.75	0.48



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2409	SRB2410	SRB2411	SRB2412
<b>Grand Median</b>	165.9	116.0	194.0	144.3
<b>Median Abs Dev</b>	48.3	34.8	39.7	18.3
<b>Avg Within Lab SD</b>	9.2	5.3	8.3	5.6
<b>Labs Included</b>	25	26	25	25
<b>Labs Reporting</b>	26	26	26	26



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX94Z	48.93	-0.14	1.09	10.00	2.06	2.03	39.60	0.43	1.17	10.25	0.82	1.23
2QMUQU	47.88	-0.46	0.92	6.89	0.01	0.71	35.26	-0.96	1.15	8.55	-0.38	1.26
362FMT	49.58	0.06	0.57	6.15	-0.48	0.43	37.93	-0.11	0.21	8.59	-0.35	0.21
4EK7QW	46.97	-0.74	0.27	4.90	-1.30		34.67	-1.16	0.66	6.54	-1.81	0.40
99HTTN	51.67	0.70	0.33	8.00	0.74		40.33	0.66	0.37	11.00	1.35	
9TTHAR	52.01	0.81	2.03	6.76	-0.08	0.49	40.66	0.77	1.35	9.02	-0.05	0.29
9YYC9U	47.43	-0.60	0.12	10.05	2.09	0.47	37.37	-0.29	0.16	11.50	1.71	0.28
9Z8RBT	48.00	-0.42	1.45	6.40	-0.31	0.60	36.80	-0.47	1.65	9.10	0.01	1.73
CDKWER	46.89	-0.76	1.45	8.16	0.85	1.17	38.04	-0.07	0.80	10.46	0.97	1.13
CJMCHK	51.26	0.58	0.14	7.36	0.32	0.41	40.18	0.61	0.43	9.26	0.12	0.23
CV3VKP	45.19	-1.28	0.58	2.99	-2.56	0.34	33.77	-1.44	0.92	4.18	-3.48X	0.30
CWWNDM	53.47	1.26	1.03	8.07	0.79	0.37	42.23	1.27	0.48	10.10	0.72	0.38
F84YTF	55.06	1.74	0.65	7.02	0.10	0.14	42.55	1.37	0.23	9.02	-0.05	0.09
FFE2DF	49.98	0.19	0.06	6.63	-0.16	0.09	39.54	0.41	0.09	9.08	-0.01	0.11
GDKPVL	42.07	-2.24	1.42	5.59	-0.85	0.78	34.50	-1.21	0.67	7.90	-0.84	0.59
GN9GMK	51.13	0.54	1.14	7.83	0.63	0.31	39.73	0.47	1.24	9.73	0.46	0.50
H9AUVJ	44.15	-1.60	0.06	4.22	-1.75	0.09	33.37	-1.57	0.09	5.51	-2.54	0.16
HG44YM	49.60	0.07	0.25	7.67	0.52	0.62	38.47	0.06	0.91	10.07	0.69	0.54
HRP4WJ	50.30	0.28	0.95	7.67	0.52	0.99	40.10	0.59	1.08	9.70	0.43	0.89
HXDN3K	46.43	-0.90	1.93	7.78	0.60	3.73	40.31	0.66	1.03	8.73	-0.25	3.84
JETLFG	48.46	-0.28	0.72	5.47	-0.93	0.15	35.95	-0.74	0.36	8.27	-0.58	0.11
L3Q84A	50.20	0.25	0.72	7.67	0.52	0.15	38.90	0.20	0.17	9.60	0.36	0.14
MG7FPD	49.57	0.06	0.26	5.31	-1.03	0.10	38.27	0.00	0.26	7.55	-1.09	0.23
MLHBPG	48.54	-0.26	0.06	7.15	0.18	0.18	37.35	-0.29	0.30	9.53	0.31	0.29
NQ6HHA	49.64	0.08	0.59	7.70	0.54	0.26	38.83	0.18	1.15	9.43	0.24	0.38
NVJBHE	56.99	2.34	2.43	22.22	10.12X	0.75	3.34	-11.20X	0.41	48.63	28.03X	2.52



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

B (SubTestCode 219) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PF4EXC	49.59	0.07	0.20	5.52	-0.89	0.03	36.21	-0.66	0.04	7.76	-0.94	0.01	
Q49KZ9	50.54	0.36	1.26	6.54	-0.22	0.29	41.92	1.17	0.83	8.95	-0.10	0.40	
Q6443A	50.57	0.37	2.28	6.40	-0.32	0.79	37.77	-0.16	3.66	9.61	0.37	1.19	
QJZMD7	46.30	-0.94	0.12	6.53	-0.22	0.06	35.83	-0.78	0.04	8.70	-0.28	0.28	
QWMRPA	48.58	-0.25	0.04	7.22	0.23	0.13	37.78	-0.16	0.08	9.32	0.16	0.02	
TL2339	40.35	-2.77X	0.18	4.31	-1.69	0.08	32.90	-1.72	0.06	6.36	-1.94	0.16	
TUBPVA	54.20	1.48	0.42	6.67	-0.14	2.95	40.33	0.66	2.03	12.33	2.30	2.17	
VEQX2Y	52.33	0.91	0.33	7.00	0.08		41.33	0.98	0.37	10.00	0.65		
VX8VP7	49.00	-0.12	1.00	7.67	0.52	1.48	42.67	1.41	1.59	7.33	-1.24	0.82	
VYCRPZ	46.49	-0.89	0.47	6.86	-0.01	0.73	36.18	-0.67	0.43	8.36	-0.52	1.60	
WBBHB9	54.13	1.46	0.43	6.56	-0.21	0.07	40.16	0.61	0.44	9.39	0.21	0.74	
WDUR47	46.00	-1.04		7.00	0.08		35.33	-0.94	0.37	9.00	-0.06		
WHNRH2	48.84	-0.16	1.31	4.20	-1.76	0.43	6.76	-10.11X	0.27	36.61	19.51X	2.99	
X6FA2X	48.57	-0.25	0.75	6.84	-0.02	0.06	37.85	-0.13	1.03	8.95	-0.10	0.22	
XMJPMY	49.18	-0.06	0.20	7.87	0.65	0.07	39.00	0.24	0.15	9.96	0.62	0.12	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
Grand Median	49.4		6.87		38.3
Median Abs Dev	1.6		0.79		2.0
Avg Within Lab SD	1.7		1.03		1.6
Labs Included	40		40		39
Labs Reporting	41		41		41





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>21.3</b>	-0.34	0.27	<b>39.5</b>	1.03	1.82	<b>16.6</b>	0.12	0.18	<b>7.9</b>	1.71	1.58
<b>2QMUQU</b>	<b>20.9</b>	-0.53	0.17	<b>35.3</b>	-0.48	0.60	<b>15.5</b>	-0.51	0.33	<b>4.6</b>	-0.34	0.18
<b>362FMT</b>	<b>21.8</b>	-0.09	0.09	<b>35.7</b>	-0.33	0.38	<b>15.3</b>	-0.60	0.27	<b>3.6</b>	-0.98	0.03
<b>4EK7QW</b>	<b>29.0</b>	3.10	0.14	<b>34.4</b>	-0.80	0.41	<b>24.5</b>	4.51X	0.19	<b>6.2</b>	0.66	0.45
<b>99HTTN</b>	<b>21.7</b>	-0.17	0.23	<b>35.3</b>	-0.46	0.38	<b>16.3</b>	-0.03	0.52	<b>7.0</b>	1.13	
<b>9TTHAR</b>	<b>20.8</b>	-0.57	0.63	<b>36.1</b>	-0.17	1.23	<b>15.7</b>	-0.37	0.82	<b>4.4</b>	-0.49	0.28
<b>9YYC9U</b>	<b>35.8</b>	6.14X	0.10	<b>38.5</b>	0.67	0.26	<b>29.8</b>	7.40X	0.29	<b>10.0</b>	2.99	0.09
<b>9Z8RBT</b>	<b>23.4</b>	0.60	1.16	<b>32.9</b>	-1.33	0.76	<b>17.4</b>	0.56	2.75	<b>5.4</b>	0.14	1.42
<b>CDKWER</b>	<b>18.2</b>	-1.73	1.14	<b>31.4</b>	-1.89	0.81	<b>16.1</b>	-0.17	1.76	<b>6.6</b>	0.87	1.07
<b>CJMCHK</b>	<b>23.8</b>	0.80	0.04	<b>38.8</b>	0.78	0.32	<b>18.3</b>	1.04	1.16	<b>5.5</b>	0.20	0.13
<b>CV3VKP</b>	<b>22.1</b>	0.01	0.10	<b>36.8</b>	0.08	0.30	<b>16.4</b>	0.03	0.16	<b>4.7</b>	-0.26	0.45
<b>CWWNDM</b>	<b>24.2</b>	0.94	0.14	<b>39.2</b>	0.91	0.37	<b>17.6</b>	0.67	0.36	<b>5.0</b>	-0.13	0.25
<b>F84YTF</b>	<b>27.4</b>	2.36	0.30	<b>41.8</b>	1.87	0.39	<b>21.5</b>	2.85	0.26	<b>6.6</b>	0.87	0.31
<b>FFE2DF</b>	<b>21.7</b>	-0.15	0.02	<b>39.1</b>	0.90	0.30	<b>16.4</b>	0.03	0.05	<b>5.6</b>	0.27	0.09
<b>GDKPVL</b>	<b>21.1</b>	-0.44	0.32	<b>32.8</b>	-1.37	0.86	<b>16.5</b>	0.08	1.07	<b>5.2</b>	0.00	0.23
<b>GN9GMK</b>	<b>25.0</b>	1.31	1.41	<b>38.3</b>	0.61	1.00	<b>17.3</b>	0.52	1.04	<b>5.3</b>	0.10	1.69
<b>H9AUVJ</b>	<b>21.7</b>	-0.15	0.06	<b>36.9</b>	0.09	0.12	<b>15.9</b>	-0.29	0.17	<b>4.6</b>	-0.37	0.05
<b>HG44YM</b>	<b>22.3</b>	0.09	0.39	<b>36.7</b>	0.02	2.19	<b>15.4</b>	-0.53	1.14	<b>6.8</b>	0.99	2.98
<b>HRP4WJ</b>	<b>21.7</b>	-0.17	0.65	<b>33.2</b>	-1.22	1.18	<b>16.9</b>	0.27	1.39	<b>4.6</b>	-0.34	0.17
<b>HXDN3K</b>	<b>24.8</b>	1.22	1.19	<b>38.5</b>	0.67	3.62	<b>21.8</b>	3.00	3.59	<b>9.0</b>	2.39	2.03
<b>JETLFG</b>	<b>22.1</b>	0.02	0.23	<b>36.1</b>	-0.19	0.18	<b>15.9</b>	-0.26	0.21	<b>5.6</b>	0.26	0.24
<b>L3Q84A</b>	<b>22.8</b>	0.32	0.20	<b>40.9</b>	1.55	0.10	<b>19.4</b>	1.69	0.19	<b>12.4</b>	4.50	0.23
<b>MG7FPD</b>	<b>29.2</b>	3.19X	0.11	<b>47.2</b>	3.80X	0.71	<b>21.0</b>	2.58	0.45	<b>6.4</b>	0.78	0.19
<b>MLHBPG</b>	<b>22.2</b>	0.06	0.05	<b>36.1</b>	-0.17	0.88	<b>15.6</b>	-0.43	0.40	<b>5.0</b>	-0.11	0.29
<b>NVJBHE</b>	<b>34.3</b>	5.47X	0.81	<b>40.0</b>	1.21	0.65	<b>28.0</b>	6.42X	1.80	<b>61.7</b>	34.97X	0.64
<b>PF4EXC</b>	<b>22.4</b>	0.17	0.01	<b>35.3</b>	-0.49	0.05	<b>17.4</b>	0.54	0.05	<b>4.0</b>	-0.70	0.01



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Q49KZ9	22.6	0.25	0.33	37.4	0.26	0.61	16.4	0.03	0.34	5.5	0.20	0.96	
Q6443A	20.6	-0.66	0.21	35.9	-0.27	0.70	14.7	-0.91	1.14	5.0	-0.10	0.74	
QJZMD7	22.0	-0.01	0.21	39.1	0.88	0.25	15.1	-0.71	0.31	5.1	-0.04	0.19	
QWMRPA	23.1	0.47	0.12	35.3	-0.48	0.17	15.6	-0.44	0.19	4.7	-0.26	0.14	
TL2339	19.6	-1.07	0.07	32.0	-1.67	0.21	14.3	-1.13	0.12	4.0	-0.74	0.08	
TRQM64	28.6	2.92	5.31	35.3	-0.46	2.35	16.2	-0.10	0.76	4.5	-0.44	2.41	
TUBPVA	27.2	2.29	0.90	39.4	1.01	0.82	20.0	2.00	0.90	7.3	1.31	2.29	
VEQX2Y	21.3	-0.32	0.23	38.0	0.50		16.7	0.16	0.52	5.0	-0.10		
VX8VP7	21.7	-0.17	0.60	35.3	-0.46	0.38	15.7	-0.40	0.52	5.7	0.31	0.64	
VYCRPZ	21.2	-0.36	0.10	37.3	0.25	0.60	16.3	-0.04	0.42	4.5	-0.40	0.04	
WBBHB9	23.8	0.78	0.09	37.4	0.29	0.08	16.4	0.00	0.27	5.1	-0.05	0.14	
WDUR47	21.7	-0.17	0.23	35.7	-0.34	0.38	15.0	-0.77		5.0	-0.10		
WHNRH2	21.1	-0.44	0.86	37.0	0.13	1.04	4.8	-6.39X	0.25	16.5	7.02X	0.93	
X6FA2X	22.0	-0.02	0.05	34.8	-0.66	0.47	16.1	-0.13	0.14	4.8	-0.20	0.31	
XMJPMY	22.8	0.34	0.16	36.6	-0.02	0.31	18.2	0.98	0.25	5.9	0.43	0.60	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	22.1	36.6	16.4	5.17	
Median Abs Dev	0.8	1.4	0.8	0.55	
Avg Within Lab SD	2.6	1.5	1.1	0.90	
Labs Included	38	40	37	39	
Labs Reporting	41	41	41	41	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	42.1	-0.39	1.05	39.4	0.53	0.83	67.2	-0.17	0.38	68.0	0.22	0.19
2QMUQU	41.9	-0.46	1.02	37.9	-0.03	1.04	62.8	-1.06	0.24	65.5	-0.30	0.82
362FMT	43.7	0.14	0.58	37.9	-0.04	0.18	68.5	0.10	0.87	68.8	0.38	0.60
4EK7QW	42.7	-0.19	0.61	39.0	0.38	0.25	71.6	0.73	0.67	67.8	0.18	0.75
99HTTN	43.3	0.04	0.40	40.3	0.88	0.45	71.0	0.61		69.3	0.49	0.32
9TTHAR	42.7	-0.16	1.58	39.3	0.48	1.36	66.9	-0.23	1.28	64.8	-0.44	0.70
9YYC9U	40.5	-0.91	0.11	37.1	-0.37	0.12	62.9	-1.04	0.13	61.4	-1.14	0.14
9Z8RBT	43.4	0.05	0.70	34.5	-1.35	1.55	63.9	-0.83	1.34	62.9	-0.82	2.68
CDKWER	34.1	-3.08	1.60	32.1	-2.25	0.46	58.0	-2.03	0.99	58.1	-1.81	0.39
CJMCHK	45.0	0.61	0.21	40.8	1.04	0.32	71.3	0.67	0.38	68.8	0.38	0.26
CV3VKP	43.7	0.14	0.37	38.6	0.22	0.83	16.4	-10.49X	0.08	4.7	-12.70X	0.22
CWWNDM	48.3	1.72	0.67	41.2	1.21	0.34	74.6	1.35	0.54	70.3	0.69	0.14
F84YTF	47.9	1.58	0.42	41.6	1.34	0.24	80.5	2.55	0.10	79.0	2.46	0.37
FFE2DF	55.6	4.18X	0.09	50.9	4.90X	0.44	87.6	3.99X	0.05	91.7	5.06X	0.23
GDKPVL	38.0	-1.77	0.69	34.3	-1.42	1.43	61.2	-1.38	0.99	61.0	-1.22	0.55
GN9GMK	47.7	1.51	2.02	42.0	1.51	0.77	74.0	1.22	1.19	70.3	0.69	1.38
H9AUVJ	43.7	0.15	0.13	38.0	0.00	0.27	68.4	0.09	0.16	64.5	-0.49	0.18
HG44YM	43.6	0.12	0.69	38.5	0.16	1.50	68.5	0.09	1.49	68.1	0.23	1.33
HRP4WJ	43.4	0.07	1.29	36.6	-0.53	0.72	69.6	0.33	0.86	66.1	-0.18	0.60
HXDN3K	41.0	-0.76	1.49	39.0	0.37	3.75	72.4	0.89	4.02	64.0	-0.60	1.19
JETLFG	42.4	-0.26	0.70	37.5	-0.21	0.24	62.0	-1.22	0.40	68.9	0.40	0.99
L3Q84A	41.8	-0.47	0.45	40.1	0.79	0.23	57.4	-2.16	0.11	56.7	-2.09	0.14
MG7FPD	54.2	3.73X	0.65	47.5	3.60X	0.88	84.9	3.43X	0.66	80.0	2.67	0.42
MLHBPG	45.5	0.77	0.12	38.4	0.12	0.26	69.7	0.34	0.48	67.5	0.12	0.49
NQ6HHA	40.0	-1.11	2.72	34.0	-1.55	0.63	65.1	-0.59	1.24	64.8	-0.44	2.62
NVJBHE	86.3	14.62X	3.52	69.7	12.05X	1.94	66.3	-0.34	1.13	27.0	-8.16X	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mn (SubTestCode 221) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PF4EXC	43.2	0.00	0.15	36.3	-0.68	0.05	65.7	-0.47	0.02	64.0	-0.59	0.03	
Q49KZ9	44.6	0.45	1.22	39.6	0.60	0.79	69.0	0.21	0.64	66.9	0.00	0.94	
Q6443A	39.0	-1.43	1.21	36.5	-0.57	1.26	63.6	-0.89	0.94	65.9	-0.21	1.53	
QJZMD7	42.3	-0.32	0.15	37.6	-0.17	0.23	66.3	-0.34	0.14	66.3	-0.12	0.22	
QWMRPA	42.6	-0.22	0.13	36.6	-0.54	0.23	66.0	-0.40	0.13	64.0	-0.60	0.11	
TL2339	38.3	-1.68	0.04	32.9	-1.95	0.39	68.6	0.12	0.28	62.8	-0.84	0.48	
TRQM64	44.0	0.25	2.06	37.0	-0.40	1.73	65.0	-0.62	0.54	67.5	0.11	2.25	
TUBPVA	47.1	1.31	0.60	39.0	0.37	1.34	68.3	0.07	1.29	72.3	1.10	1.14	
VEQX2Y	44.0	0.26		40.0	0.75		69.3	0.27	0.26	72.0	1.03	0.55	
VX8VP7	44.0	0.26	0.70	37.7	-0.14	0.45	68.0	0.00	0.90	67.3	0.08	0.32	
VYCRPZ	41.4	-0.63	0.19	37.3	-0.30	0.22	65.4	-0.54	0.27	64.5	-0.50	1.19	
WBBHB9	46.6	1.14	0.29	39.8	0.69	0.02	73.0	1.02	0.69	70.4	0.70	1.05	
WDUR47	40.0	-1.09		36.3	-0.65	0.45	63.0	-1.02		64.3	-0.53	0.32	
WHNRH2	41.6	-0.57	1.49	39.3	0.47	1.29	66.9	-0.22	1.03	67.6	0.14	1.34	
X6FA2X	43.2	-0.01	0.08	35.6	-0.93	0.87	68.2	0.04	0.34	62.6	-0.88	0.65	
XMJPMY	43.8	0.21	0.29	38.9	0.32	0.51	68.3	0.05	0.10	69.1	0.44	0.14	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
Grand Median	43.2		38.0		68.0
Median Abs Dev	1.3		1.4		2.6
Avg Within Lab SD	1.4		1.3		2.2
Labs Included	39		39		39
Labs Reporting	42		42		42



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>217.7</b>	-1.58	0.64	<b>153.0</b>	-1.36	0.77	<b>178.7</b>	-1.58	0.29	<b>94.8</b>	-1.08	0.60
<b>2QMUQU</b>	<b>311.7</b>	0.41	1.30	<b>201.5</b>	0.53	1.25	<b>237.2</b>	0.02	0.60	<b>133.3</b>	0.93	1.67
<b>362FMT</b>	<b>303.9</b>	0.24	0.13	<b>165.8</b>	-0.86	0.32	<b>207.3</b>	-0.80	0.29	<b>113.0</b>	-0.13	0.15
<b>4EK7QW</b>	<b>246.3</b>	-0.97	0.30	<b>179.7</b>	-0.32	0.19	<b>225.0</b>	-0.31	0.44	<b>107.7</b>	-0.41	0.29
<b>99HTTN</b>	<b>229.0</b>	-1.34	0.07	<b>179.0</b>	-0.35	0.13	<b>212.3</b>	-0.66	0.16	<b>111.7</b>	-0.20	0.22
<b>9TTHAR</b>	<b>265.0</b>	-0.58	0.60	<b>184.8</b>	-0.12	0.82	<b>226.5</b>	-0.27	0.53	<b>99.2</b>	-0.85	0.18
<b>9YYC9U</b>	<b>275.7</b>	-0.35	0.46	<b>183.7</b>	-0.17	0.32	<b>231.3</b>	-0.14	0.56	<b>113.7</b>	-0.09	0.58
<b>9Z8RBT</b>	<b>294.0</b>	0.03	0.61	<b>175.3</b>	-0.49	0.44	<b>238.7</b>	0.06	0.95	<b>121.3</b>	0.31	2.10
<b>CDKWER</b>	<b>200.0</b>	-1.95	0.79	<b>140.1</b>	-1.86	1.19	<b>171.3</b>	-1.78	0.88	<b>91.5</b>	-1.25	1.11
<b>CJMCHK</b>	<b>277.6</b>	-0.31	0.31	<b>184.5</b>	-0.14	0.14	<b>237.1</b>	0.02	0.35	<b>108.8</b>	-0.34	0.09
<b>CV3VKP</b>	<b>331.2</b>	0.82	0.08	<b>198.7</b>	0.42	0.32	<b>258.2</b>	0.59	0.67	<b>126.2</b>	0.56	0.78
<b>CWWNDM</b>	<b>304.0</b>	0.25	0.51	<b>193.0</b>	0.20	0.22	<b>237.0</b>	0.01	0.10	<b>116.0</b>	0.03	0.50
<b>F84YTF</b>	<b>373.1</b>	1.71	0.60	<b>243.5</b>	2.16	1.02	<b>305.5</b>	1.89	0.56	<b>154.4</b>	2.03	0.50
<b>FFE2DF</b>	<b>284.5</b>	-0.17	0.34	<b>197.4</b>	0.37	0.39	<b>233.5</b>	-0.08	0.16	<b>120.1</b>	0.24	0.41
<b>GDKPVL</b>	<b>264.0</b>	-0.60	2.58	<b>141.0</b>	-1.83	2.80	<b>170.3</b>	-1.81	3.01	<b>94.3</b>	-1.11	0.38
<b>GN9GMK</b>	<b>334.3</b>	0.89	3.78	<b>198.3</b>	0.40	2.08	<b>247.0</b>	0.29	2.10	<b>124.0</b>	0.45	2.12
<b>H9AUVJ</b>	<b>326.4</b>	0.72	0.15	<b>203.0</b>	0.58	0.15	<b>264.0</b>	0.75	0.20	<b>123.1</b>	0.40	0.17
<b>HG44YM</b>	<b>325.9</b>	0.71	0.65	<b>203.8</b>	0.62	1.09	<b>264.4</b>	0.76	0.92	<b>127.4</b>	0.63	1.59
<b>HRP4WJ</b>	<b>315.1</b>	0.48	0.17	<b>188.0</b>	0.00	0.75	<b>266.4</b>	0.82	0.10	<b>118.2</b>	0.15	1.08
<b>HXDN3K</b>	<b>244.2</b>	-1.02	1.45	<b>194.9</b>	0.27	1.72	<b>258.0</b>	0.59	1.75	<b>132.7</b>	0.90	2.09
<b>JETLFG</b>	<b>286.8</b>	-0.12	0.52	<b>174.0</b>	-0.54	0.46	<b>213.6</b>	-0.62	0.23	<b>111.2</b>	-0.22	0.57
<b>L3Q84A</b>	<b>267.7</b>	-0.52	0.11	<b>198.3</b>	0.40	0.44	<b>242.7</b>	0.17	0.26	<b>123.0</b>	0.40	0.50
<b>MG7FPD</b>	<b>377.4</b>	1.80	0.35	<b>249.7</b>	2.40X	0.58	<b>285.1</b>	1.33	0.50	<b>133.6</b>	0.95	0.21
<b>MLHBPG</b>	<b>290.7</b>	-0.03	0.53	<b>177.5</b>	-0.41	0.95	<b>226.8</b>	-0.26	0.47	<b>107.1</b>	-0.43	1.05
<b>NQ6HHA</b>	<b>305.0</b>	0.27	2.17	<b>200.1</b>	0.47	0.21	<b>265.7</b>	0.80	0.43	<b>153.0</b>	1.96	0.69
<b>NVJBHE</b>	<b>252.0</b>	-0.85	2.02	<b>142.3</b>	-1.78	1.39	<b>136.0</b>	-2.75X	0.53	<b>90.0</b>	-1.33	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Fe (SubTestCode 222) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PF4EXC	319.5	0.57	0.07	183.2	-0.18	0.04	249.5	0.36	0.04	105.5	-0.52	0.08	
Q49KZ9	286.0	-0.13	0.97	188.0	0.00	0.60	236.0	-0.01	0.69	115.4	0.00	1.73	
Q6443A	205.3	-1.84	0.66	140.7	-1.84	1.54	167.3	-1.89	0.41	91.7	-1.24	1.69	
QJZMD7	320.3	0.59	0.27	202.7	0.57	0.32	258.0	0.59	0.18	130.0	0.76	0.19	
QWMRPA	313.1	0.44	0.34	197.5	0.37	0.89	246.8	0.28	0.25	126.1	0.56	0.25	
TL2339	206.5	-1.82	0.09	128.4	-2.32	0.22	181.1	-1.52	0.12	67.1	-2.53	0.09	
TRQM64	321.8	0.62	0.41	218.8	1.20	2.58	275.9	1.08	3.66	138.0	1.18	1.86	
TUBPVA	307.7	0.32	0.46	190.0	0.08	0.50	234.0	-0.07	0.97	120.7	0.27	0.29	
VEQX2Y	227.0	-1.38	0.07	148.7	-1.53	0.82	193.0	-1.19	0.61	87.0	-1.48	0.69	
VX8VP7	281.7	-0.23	0.15	169.7	-0.71	0.40	189.7	-1.28	0.62	110.7	-0.25	0.40	
VYCRPZ	285.9	-0.14	0.73	192.0	0.16	0.78	230.8	-0.16	0.52	113.5	-0.10	0.64	
WBBHB9	271.6	-0.44	0.49	170.0	-0.70	0.28	198.3	-1.05	0.45	108.6	-0.36	1.01	
WDUR47	305.3	0.27	0.36	193.0	0.20	0.13	244.0	0.21		122.0	0.34	1.63	
WHNRH2	299.7	0.16	1.16	202.4	0.56	1.56	123.3	-3.10X	0.33	244.3	6.73X	2.29	
X6FA2X	314.9	0.48	0.17	180.8	-0.28	0.29	248.7	0.33	0.51	113.2	-0.12	0.38	
XMJPMY	299.9	0.16	0.35	195.6	0.30	0.38	216.4	-0.55	0.53	126.7	0.59	0.34	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	292.4	188.0	236.5	115.4	
Median Abs Dev	23.7	10.7	21.5	8.6	
Avg Within Lab SD	14.1	7.9	9.8	5.3	
Labs Included	42	41	40	41	
Labs Reporting	42	42	42	42	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	5.48	2.17	2.10	5.85	1.47	0.95	4.99	1.25	0.88	4.89	1.51	0.84
2QMUQU	4.03	0.59	0.57	5.28	0.84	0.91	4.42	0.42	0.26	4.36	0.68	0.65
362FMT	3.69	0.23	0.17	4.51	-0.02	0.18	3.88	-0.37	0.02	4.04	0.18	0.33
4EK7QW	5.30	1.97		5.06	0.59	0.05						
99HTTN	3.97	0.53	0.13	5.03	0.56	0.14	4.53	0.59	0.17	4.50	0.90	0.28
9TTHAR	3.23	-0.28	0.41	4.46	-0.08	0.42	3.90	-0.34	0.35	3.65	-0.45	0.16
9YYC9U	7.00	3.82X	0.23	7.93	3.79X	0.38	6.83	3.94X	0.44	7.53	5.68X	0.71
9Z8RBT	3.27	-0.23	1.44	3.90	-0.70	1.09	4.17	0.05	3.11	3.50	-0.68	1.47
CDKWER	5.25	1.92	0.58	5.84	1.45	1.72	5.33	1.75	2.34	5.68	2.77	2.25
CJMCHK	3.69	0.22	0.64	4.93	0.45	0.14	4.25	0.18	0.71	4.06	0.21	0.74
CV3VKP	3.63	0.16	0.21	4.65	0.14	0.04	4.40	0.39	0.38	3.71	-0.35	0.16
CWWNDM	3.59	0.12	0.06	4.68	0.17	0.23	4.18	0.07	0.31	3.95	0.03	0.07
F84YTF	4.07	0.64	0.52	5.32	0.88	0.03	5.01	1.29	0.04	4.44	0.81	0.39
FFE2DF	3.47	-0.01	0.02	4.53	0.00	0.12	4.15	0.02	0.21	3.95	0.04	0.02
GDKPVL	2.43	-1.14	0.69	3.43	-1.22	0.14	2.90	-1.80	0.29	3.13	-1.26	0.87
GN9GMK	3.60	0.13	0.23	4.83	0.34	0.63	4.40	0.39	0.29	3.93	0.01	0.71
H9AUVJ	3.94	0.49	0.08	5.13	0.67	0.13	4.51	0.56	0.14	4.08	0.24	0.05
HG44YM	2.67	-0.88	3.45	3.63	-0.99	4.03	4.13	0.00	1.43	3.27	-1.05	2.01
HRP4WJ	2.64	-0.91	0.46	3.64	-0.99	0.81	3.51	-0.91	0.41	3.28	-1.03	1.77
HXDN3K	2.45	-1.12	1.17	3.94	-0.65	1.79	3.16	-1.42	1.70	3.81	-0.18	0.62
JETLFG	3.49	0.01	0.16	4.45	-0.09	0.15	3.84	-0.43	0.08	4.17	0.37	0.22
L3Q84A	3.43	-0.06	0.13	12.27	8.60X	0.52	4.17	0.05	0.44	4.00	0.11	0.13
MG7FPD	1.73	-1.90	0.48	2.52	-2.24	0.52	1.98	-3.13X	0.73	1.47	-3.89	0.25
MLHBPG	3.52	0.04	0.04	4.47	-0.07	0.21	4.13	0.00	0.61	3.79	-0.23	0.16
NQ6HHA	3.03	-0.49	0.16	5.26	0.81	1.03	4.19	0.08	0.12	3.87	-0.10	0.03
NVJBHE	19.72	17.61X	2.33	7.31	3.10	1.02	4.84	1.04	0.67	27.95	37.88X	1.60



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PF4EXC	3.70	0.24	0.03	4.35	-0.19	0.10	3.99	-0.20	0.01	3.82	-0.17	0.01	
Q49KZ9	3.51	0.03	0.67	4.59	0.06	0.12	3.95	-0.27	0.13	3.93	-0.01	1.04	
Q6443A	4.04	0.61	2.15	4.81	0.31	2.05	4.44	0.46	2.20	4.30	0.59	2.62	
QJZMD7				4.00	-0.59		3.50	-0.92		3.43	-0.78	0.33	
QWMRPA	5.19	1.85	0.80	4.67	0.16	0.25	4.37	0.35	1.20	3.88	-0.08	0.22	
TL2339	2.71	-0.84	0.22	3.54	-1.10	0.20	3.13	-1.46	0.16	3.55	-0.60	2.39	
TRQM64	0.94	-2.76X	0.83	1.59	-3.27X	1.35	1.07	-4.47X	1.88	0.66	-5.16X	1.65	
TUBPVA	3.20	-0.31	0.85	5.00	0.53	0.89	3.82	-0.46	1.35	4.16	0.37	0.55	
VEQX2Y	3.00	-0.52		5.00	0.52		4.00	-0.19		4.00	0.11		
VX8VP7	2.00	-1.61		4.00	-0.59		2.67	-2.14	1.68	3.00	-1.47		
VYCRPZ	3.00	-0.53	0.27	4.04	-0.54	0.28	3.53	-0.88	0.54	3.36	-0.89	0.50	
WBBHB9	3.47	-0.02	0.60	4.19	-0.38	0.11	3.72	-0.60	0.21	3.74	-0.30	0.80	
WDUR47	3.00	-0.52		4.00	-0.59		4.00	-0.19		4.00	0.11		
WHNRH2	3.38	-0.11	0.40	4.47	-0.06	0.37	3.80	-0.48	0.25	4.15	0.35	0.31	
X6FA2X	3.33	-0.16	0.47	4.31	-0.24	0.15	4.07	-0.09	0.20	3.70	-0.36	0.18	
XMJPMY	5.38	2.06	2.07	6.25	1.92	0.70	6.55	3.54	0.58	5.44	2.38	1.26	

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
Grand Median	3.48	4.53	4.13	3.93	
Median Abs Dev	0.47	0.51	0.29	0.23	
Avg Within Lab SD	0.44	0.40	0.34	0.35	
Labs Included	38	39	38	38	
Labs Reporting	41	42	41	41	





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mo (SubTestCode 224) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>1.13</b>	0.37	0.63	<b>1.19</b>	0.86	0.82							
<b>2QMUQU</b>	<b>1.07</b>	0.00	0.08	<b>0.98</b>	-0.24	0.43	<b>0.11</b>	-0.14	0.80	<b>0.33</b>	0.00	0.74	
<b>4EK7QW</b>	<b>1.33</b>	1.65	2.34	<b>1.01</b>	-0.08								
<b>99HTTN</b>	<b>0.68</b>	-2.59	0.05	<b>1.18</b>	0.79	0.13	<b>0.10</b>	-0.21	0.06	<b>0.26</b>	-0.51	0.07	
<b>9TTHAR</b>	<b>1.08</b>	0.02	0.77	<b>1.03</b>	0.00	0.86				<b>0.31</b>	-0.17	0.31	
<b>9Z8RBT</b>	<b>1.20</b>	0.81	2.93	<b>1.14</b>	0.62	0.63	<b>0.41</b>	1.79	2.77	<b>0.47</b>	0.94	1.94	
<b>CDKWFR</b>	<b>1.06</b>	-0.10	0.44	<b>0.97</b>	-0.29	0.79	<b>0.23</b>	0.62	0.24	<b>0.40</b>	0.44	1.61	
<b>CJMCHK</b>	<b>1.12</b>	0.27	1.18	<b>1.10</b>	0.40	2.25	<b>0.33</b>	1.32	0.21	<b>0.37</b>	0.25	0.79	
<b>CWWNDM</b>	<b>1.19</b>	0.74	0.14	<b>1.04</b>	0.09	0.13	<b>0.15</b>	0.08	0.02	<b>0.33</b>	-0.03	0.05	
<b>FFE2DF</b>	<b>0.96</b>	-0.75	0.01	<b>0.96</b>	-0.33	0.19	<b>0.13</b>	-0.04	0.00	<b>0.31</b>	-0.15	0.08	
<b>GN9GMK</b>	<b>0.99</b>	-0.54	0.99	<b>1.07</b>	0.21	1.56	<b>0.09</b>	-0.27	0.63	<b>0.43</b>	0.67	0.63	
<b>H9AUVJ</b>	<b>1.05</b>	-0.15	0.18	<b>0.89</b>	-0.72	0.05	<b>0.13</b>	-0.01	0.06	<b>0.33</b>	0.00	0.48	
<b>Q49KZ9</b>	<b>1.11</b>	0.27	0.45	<b>1.02</b>	-0.02	0.12	<b>0.14</b>	0.01	0.03	<b>0.32</b>	-0.07	0.16	
<b>QWMRPA</b>	<b>0.97</b>	-0.66	0.07	<b>0.92</b>	-0.57	0.06	<b>0.10</b>	-0.25	0.03	<b>0.30</b>	-0.22	0.06	
<b>TL2339</b>	<b>0.93</b>	-0.91	0.29	<b>0.45</b>	-3.01	0.05	<b>0.01</b>	-0.82	0.00	<b>0.01</b>	-2.16	0.00	
<b>VX8VP7</b>	<b>4.40</b>	21.75X	0.90	<b>3.20</b>	11.44X	1.50	<b>4.37</b>	27.93X	6.11	<b>1.57</b>	8.27X	6.80	
<b>VYCRPZ</b>	<b>1.02</b>	-0.35	0.58	<b>1.25</b>	1.18	2.41	<b>0.22</b>	0.57	2.49	<b>0.34</b>	0.04	2.16	
<b>WBBHB9</b>	<b>0.77</b>	-1.96	0.61	<b>0.63</b>	-2.09	0.35	<b>0.01</b>	-0.82	0.00	<b>0.08</b>	-1.72	1.41	
<b>WDUR47</b>	<b>1.13</b>	0.39	0.52	<b>1.20</b>	0.92	0.86	<b>0.30</b>	1.09	0.00	<b>0.50</b>	1.12	1.23	
<b>XMJPMY</b>	<b>1.11</b>	0.26	0.27	<b>1.10</b>	0.37	1.04	<b>0.55</b>	2.74	0.97	<b>0.78</b>	2.97	0.72	

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	1.07	1.03	0.13	0.33	
<b>Median Abs Dev</b>	0.06	0.08	0.06	0.04	
<b>Avg Within Lab SD</b>	0.11	0.12	0.09	0.08	
<b>Labs Included</b>	19	19	16	17	
<b>Labs Reporting</b>	20	20	17	18	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>0.36</b>	-0.72	2.06	<b>0.48</b>	-0.17	0.86	<b>0.22</b>	0.00	1.71	<b>0.10</b>	-1.29	0.00	
<b>4VT6VT</b>	<b>0.38</b>	0.00	0.00	<b>0.49</b>	0.00	0.49	<b>0.22</b>	0.00	0.00	<b>0.11</b>	0.00	0.00	
<b>FFE2DF</b>	<b>0.37</b>	-0.41	0.33	<b>0.56</b>	1.91	0.15	<b>0.20</b>	-1.35	0.49	<b>0.12</b>	1.59	0.08	
<b>FZ4BJN</b>	<b>0.42</b>	1.34	0.78	<b>0.48</b>	-0.25	1.78	<b>0.24</b>	1.06	0.98	<b>0.11</b>	0.43	1.96	
<b>THG979</b>	<b>0.41</b>	0.90	0.24	<b>0.53</b>	1.04	0.91	<b>0.23</b>	0.96	0.94	<b>0.11</b>	-0.06	1.08	

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent
	SRB2409		SRB2410		SRB2412
<b>Grand Median</b>	0.38		0.49		0.11
<b>Median Abs Dev</b>	0.02		0.01		0.00
<b>Avg Within Lab SD</b>	0.01		0.01		0.00
<b>Labs Included</b>	5		5		5
<b>Labs Reporting</b>	5		5		5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

K (SubTestCode 226) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>2.02</b>	-0.56	1.75	<b>3.12</b>	-0.97	1.28	<b>1.61</b>	-0.84	1.53	<b>1.38</b>	-1.06	0.86	
<b>4VT6VT</b>	<b>2.13</b>	0.00	0.21	<b>3.24</b>	0.00	0.22	<b>1.76</b>	0.00	0.13	<b>1.58</b>	0.00	0.14	
<b>FFE2DF</b>	<b>2.09</b>	-0.22	0.13	<b>3.34</b>	0.80	0.10	<b>1.72</b>	-0.22	0.04	<b>1.78</b>	0.99	0.15	
<b>FZ4BJN</b>	<b>2.51</b>	2.01	1.15	<b>3.42</b>	1.42	1.47	<b>2.11</b>	2.04	0.27	<b>1.80</b>	1.12	1.29	
<b>THG979</b>	<b>2.24</b>	0.58	0.74	<b>3.22</b>	-0.17	1.06	<b>1.80</b>	0.27	1.60	<b>1.54</b>	-0.20	1.60	

K (SubTestCode 226) in the Dry Ash Property Groups					Data units: Percent
	SRB2409		SRB2410		SRB2412
<b>Grand Median</b>	2.13		3.24		1.58
<b>Median Abs Dev</b>	0.11		0.10		0.19
<b>Avg Within Lab SD</b>	0.05		0.08		0.04
<b>Labs Included</b>	5		5		5
<b>Labs Reporting</b>	5		5		5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>2.03</b>	-1.45	2.00	<b>0.28</b>	-2.07	0.79	<b>1.89</b>	-1.18	1.83	<b>0.14</b>	-1.75	0.62	
<b>4VT6VT</b>	<b>2.26</b>	-0.27	0.52	<b>0.38</b>	0.09	0.39	<b>2.08</b>	-0.09	0.14	<b>0.28</b>	1.05	1.65	
<b>FFE2DF</b>	<b>2.48</b>	0.83	0.42	<b>0.38</b>	0.23	0.16	<b>2.29</b>	1.19	0.58	<b>0.25</b>	0.47	0.11	
<b>FZ4BJN</b>	<b>2.48</b>	0.82	0.65	<b>0.33</b>	-0.99	1.18	<b>2.25</b>	0.92	0.14	<b>0.22</b>	-0.09	0.62	
<b>THG979</b>	<b>2.32</b>	0.00	0.36	<b>0.37</b>	0.00	1.67	<b>2.09</b>	0.00	1.13	<b>0.23</b>	0.00	1.21	

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	2.32		0.37		2.09
<b>Median Abs Dev</b>	0.16		0.01		0.15
<b>Avg Within Lab SD</b>	0.04		0.01		0.04
<b>Labs Included</b>	5		5		5
<b>Labs Reporting</b>	5		5		5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>0.30</b>	-1.15	1.79	<b>0.24</b>	0.00	1.10	<b>0.39</b>	-0.58	1.80	<b>0.06</b>	-1.89	0.00	
<b>4VT6VT</b>	<b>0.31</b>	-0.60	0.90	<b>0.23</b>	-0.16	1.10	<b>0.41</b>	-0.17	0.60	<b>0.09</b>	0.00	1.91	
<b>FFE2DF</b>	<b>0.37</b>	1.24	0.13	<b>0.28</b>	2.19	0.27	<b>0.48</b>	1.64	0.32	<b>0.09</b>	0.15	0.25	
<b>FZ4BJN</b>	<b>0.34</b>	0.38	0.90	<b>0.22</b>	-0.63	1.10	<b>0.45</b>	0.99	0.60	<b>0.08</b>	-0.67	0.00	
<b>THG979</b>	<b>0.33</b>	0.00	0.40	<b>0.25</b>	0.40	1.14	<b>0.41</b>	0.00	0.97	<b>0.10</b>	0.67	1.13	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent	
	SRB2409		SRB2410		SRB2411	SRB2412
<b>Grand Median</b>	0.33		0.24		0.41	0.09
<b>Median Abs Dev</b>	0.02		0.01		0.02	0.01
<b>Avg Within Lab SD</b>	0.01		0.01		0.01	0.00
<b>Labs Included</b>	5		5		5	5
<b>Labs Reporting</b>	5		5		5	5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>0.420</b>	-2.17	1.84	<b>0.037</b>	2.31	2.24	<b>0.009</b>	2.83	0.70	<b>0.008</b>	1.89	0.73	
<b>4VT6VT</b>	<b>0.627</b>	0.15	0.53	<b>0.002</b>	-0.22	0.00	<b>0.004</b>	0.00	1.85	<b>0.005</b>	0.84	1.26	
<b>FFE2DF</b>	<b>0.707</b>	1.05	0.87	<b>0.002</b>	-0.23	0.01	<b>0.003</b>	-0.44	0.07	<b>0.001</b>	-0.49	0.02	
<b>FZ4BJN</b>	<b>0.613</b>	0.00	0.53	<b>0.005</b>	0.00	0.00	<b>0.004</b>	0.00	0.70	<b>0.002</b>	0.00	1.45	
<b>THG979</b>	<b>0.613</b>	-0.01	0.54	<b>0.013</b>	0.62	0.05	<b>0.003</b>	-0.10	0.77	<b>0.002</b>	-0.16	0.89	

Na (SubTestCode 229) in the Dry Ash Property Groups					Data units: Percent
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	0.61		0.005		0.004
<b>Median Abs Dev</b>	0.01		0.003		0.000
<b>Avg Within Lab SD</b>	0.01		0.021		0.001
<b>Labs Included</b>	5		5		5
<b>Labs Reporting</b>	5		5		5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4VT6VT</b>	<b>201.7</b>		0.66	<b>161.4</b>		1.26	<b>197.6</b>		0.07	<b>102.2</b>		0.73
<b>FFE2DF</b>	<b>153.6</b>		0.16	<b>126.7</b>		0.28	<b>150.0</b>		0.10	<b>81.2</b>		0.12
<b>TRQM64</b>	<b>147.8</b>		1.59	<b>116.7</b>		1.16	<b>145.6</b>		1.73	<b>38.7</b>		1.56

AI (SubTestCode 230) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	153.6		126.7		150.0
<b>Median Abs Dev</b>					
<b>Avg Within Lab SD</b>	11.3		8.4		17.2
<b>Labs Included</b>	3		3		3
<b>Labs Reporting</b>	3		3		3



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

B (SubTestCode 231) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>45.20</b>	-0.21	1.50	<b>10.36</b>	0.43	0.37	<b>36.24</b>	-0.15	0.80	<b>10.46</b>	-0.04	0.13	
<b>4VT6VT</b>	<b>43.50</b>	-0.44	0.80	<b>4.30</b>	-0.87	0.58	<b>33.17</b>	-0.82	0.55	<b>6.97</b>	-1.09	0.27	
<b>FFE2DF</b>	<b>54.47</b>	1.06	0.19	<b>7.74</b>	-0.13	0.07	<b>41.90</b>	1.09	0.20	<b>11.66</b>	0.32	0.08	
<b>FZ4BJN</b>	<b>56.67</b>	1.36	1.20	<b>14.33</b>	1.29	0.56	<b>42.67</b>	1.26	0.65	<b>13.67</b>	0.93	0.58	
<b>THG979</b>	<b>48.26</b>	0.21	0.30	<b>8.96</b>	0.13	0.26	<b>37.61</b>	0.15	0.40	<b>10.72</b>	0.04	0.20	
<b>TRQM64</b>	<b>41.24</b>	-0.75	1.24	<b>2.84</b>	-1.19	2.27	<b>34.30</b>	-0.58	2.10	<b>5.18</b>	-1.63	2.35	

B (SubTestCode 231) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2412
<b>Grand Median</b>	46.7		8.35		10.6
<b>Median Abs Dev</b>	4.4		3.03		2.1
<b>Avg Within Lab SD</b>	1.3		1.03		2.0
<b>Labs Included</b>	6		6		6
<b>Labs Reporting</b>	6		6		6





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Zn (SubTestCode 232) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>18.5</b>	-0.39	0.14	<b>32.9</b>	-1.48	0.80	<b>13.9</b>	-0.63	0.93	<b>4.1</b>	-1.14	0.14	
<b>4VT6VT</b>	<b>21.3</b>	0.28	0.13	<b>35.2</b>	0.08	0.35	<b>14.8</b>	-0.06	1.15	<b>4.6</b>	0.15	0.12	
<b>FFE2DF</b>	<b>16.6</b>	-0.83	0.01	<b>32.5</b>	-1.77	0.09	<b>12.4</b>	-1.54	0.10	<b>5.5</b>	2.11	0.07	
<b>FZ4BJN</b>	<b>19.0</b>	-0.26		<b>35.0</b>	-0.08	0.60	<b>15.0</b>	0.06		<b>4.7</b>	0.23	0.62	
<b>THG979</b>	<b>21.2</b>	0.26	0.04	<b>35.8</b>	0.48	0.48	<b>16.4</b>	0.94	0.97	<b>4.5</b>	-0.15	0.36	
<b>TRQM64</b>	<b>28.6</b>	2.02	2.23	<b>35.3</b>	0.15	2.15	<b>16.2</b>	0.81	1.36	<b>4.5</b>	-0.26	2.33	

Zn (SubTestCode 232) in the Dry Ash Property Groups													Data units: mg/kg
	SRB2409			SRB2410			SRB2411			SRB2412			
<b>Grand Median</b>	20.1			35.1			14.9			4.57			
<b>Median Abs Dev</b>	1.4			0.5			1.2			0.11			
<b>Avg Within Lab SD</b>	6.1			1.7			0.6			0.93			
<b>Labs Included</b>	6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mn (SubTestCode 233) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>36.1</b>	-1.36	1.96	<b>32.6</b>	-0.63	1.42	<b>53.9</b>	-0.99	1.76	<b>39.2</b>	-1.61	1.24	
<b>4VT6VT</b>	<b>38.4</b>	-0.84	0.17	<b>35.8</b>	0.00	0.22	<b>60.1</b>	-0.19	0.09	<b>59.0</b>	0.02	0.60	
<b>FFE2DF</b>	<b>46.7</b>	1.08	0.14	<b>45.7</b>	1.92	0.15	<b>75.7</b>	1.83	0.37	<b>76.7</b>	1.49	0.24	
<b>FZ4BJN</b>	<b>42.0</b>	0.00		<b>35.3</b>	-0.09	1.29	<b>64.3</b>	0.35	0.43	<b>58.7</b>	0.00	1.29	
<b>THG979</b>	<b>42.4</b>	0.09	0.31	<b>39.6</b>	0.73	1.13	<b>61.6</b>	0.00	1.25	<b>55.7</b>	-0.25	1.17	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	42.0	35.8	61.6	58.7	
<b>Median Abs Dev</b>	3.6	3.2	2.7	3.0	
<b>Avg Within Lab SD</b>	1.2	0.9	1.3	1.2	
<b>Labs Included</b>	5	5	5	5	
<b>Labs Reporting</b>	5	5	5	5	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Fe (SubTestCode 234) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>157.8</b>	-1.77	0.90	<b>110.4</b>	-1.22	0.64	<b>129.7</b>	-1.64	1.02	<b>33.0</b>	-1.16	0.49	
<b>4VT6VT</b>	<b>203.4</b>	0.00	0.41	<b>137.5</b>	0.00	0.22	<b>164.0</b>	0.00	0.28	<b>54.7</b>	0.00	0.62	
<b>FFE2DF</b>	<b>230.7</b>	1.06	0.01	<b>175.8</b>	1.72	0.21	<b>189.3</b>	1.21	0.05	<b>81.1</b>	1.41	0.67	
<b>FZ4BJN</b>	<b>217.0</b>	0.53	1.26	<b>135.0</b>	-0.11	1.36	<b>169.3</b>	0.26	0.51	<b>60.0</b>	0.28	1.03	
<b>THG979</b>	<b>203.3</b>	0.00	1.56	<b>144.4</b>	0.31	1.63	<b>158.5</b>	-0.26	1.90	<b>44.8</b>	-0.52	1.69	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	203.4		137.5		164.0
<b>Median Abs Dev</b>	13.6		6.9		5.5
<b>Avg Within Lab SD</b>	9.1		6.6		7.4
<b>Labs Included</b>	5		5		5
<b>Labs Reporting</b>	5		5		5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cu (SubTestCode 235) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>38BFRZ</b>	<b>4.36</b>	0.59	0.97	<b>4.61</b>	0.00	1.57	<b>4.67</b>	0.42	1.10	<b>2.05</b>	-0.26	0.89	
<b>4VT6VT</b>	<b>1.27</b>	-1.72	1.78	<b>0.50</b>	-2.86	1.12	<b>0.50</b>	-2.70	1.56	<b>0.13</b>	-1.80	0.72	
<b>FFE2DF</b>	<b>3.57</b>	0.00	0.61	<b>4.68</b>	0.05	0.44	<b>4.11</b>	0.00	0.12	<b>3.68</b>	1.06	1.22	
<b>FZ4BJN</b>	<b>2.50</b>	-0.80	0.58	<b>3.97</b>	-0.45	0.85	<b>3.93</b>	-0.14	0.34	<b>2.37</b>	0.00	1.43	
<b>THG979</b>	<b>3.93</b>	0.27	0.42	<b>4.63</b>	0.02	0.62	<b>4.27</b>	0.12	1.10	<b>2.69</b>	0.26	0.39	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2409		SRB2410		SRB2411	SRB2412
<b>Grand Median</b>	3.57		4.61		4.11	2.37
<b>Median Abs Dev</b>	0.79		0.08		0.18	0.32
<b>Avg Within Lab SD</b>	0.17		0.18		0.17	0.08
<b>Labs Included</b>	5		5		5	5
<b>Labs Reporting</b>	5		5		5	5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mo (SubTestCode 236) in the Dry Ash Property Groups												Data units: mg/kg
SRB2409			SRB2410			SRB2411			SRB2412			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>FFE2DF</b>	<b>0.78</b>		1.00	<b>0.63</b>		1.00	<b>0.09</b>		1.00	<b>0.32</b>		1.00

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2409		SRB2410		SRB2411	SRB2412
<b>Grand Median</b>	0.78		0.63		0.09	0.32
<b>Median Abs Dev</b>						
<b>Avg Within Lab SD</b>	0.01		0.03		0.00	0.00
<b>Labs Included</b>	1		1		1	1
<b>Labs Reporting</b>	1		1		1	1



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

As (SubTestCode 237) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>0.28</b>	-0.16		<b>0.23</b>	0.09		<b>0.13</b>	0.00					
<b>99HTTN</b>	<b>1.17</b>	1.19	0.09	<b>0.66</b>	1.00	0.04	<b>0.25</b>	0.26		<b>0.41</b>	1.45	0.08	
<b>CWWNDM</b>	<b>0.38</b>	0.00	0.04	<b>0.11</b>	-0.16	0.01	<b>0.11</b>	-0.04	0.01	<b>0.06</b>	-0.38	0.03	
<b>GN9GMK</b>	<b>0.34</b>	-0.06	0.03	<b>0.10</b>	-0.18	0.01	<b>0.12</b>	-0.02	0.00	<b>0.06</b>	-0.39	0.06	
<b>H9AUVJ</b>	<b>0.50</b>	0.18	0.07	<b>0.18</b>	0.00	0.08	<b>0.22</b>	0.21	0.30	<b>0.20</b>	0.37	1.45	
<b>Q49KZ9</b>	<b>0.34</b>	-0.06	0.09	<b>0.10</b>	-0.17	0.01	<b>0.09</b>	-0.07	0.01	<b>0.05</b>	-0.43	0.05	
<b>QWMRPA</b>	<b>0.31</b>	-0.10	0.08	<b>0.05</b>	-0.28	0.00	<b>0.05</b>	-0.16	0.00	<b>0.07</b>	-0.37	0.06	
<b>TL2339</b>	<b>2.54</b>	3.23	0.43	<b>0.32</b>	0.30	0.09	<b>1.64</b>	3.23	0.23	<b>0.31</b>	0.92	0.90	
<b>VYCRPZ</b>	<b>1.11</b>	1.09	2.79	<b>2.04</b>	3.90	2.83	<b>1.10</b>	2.07	2.62	<b>0.34</b>	1.10	2.25	
<b>WBBHB9</b>	<b>4.60</b>	6.30X	0.56	<b>4.30</b>	8.63X	0.22	<b>4.45</b>	9.22X	0.38	<b>4.43</b>	22.92X	4.40	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	0.38		0.18		0.13
<b>Median Abs Dev</b>	0.10		0.09		0.07
<b>Avg Within Lab SD</b>	0.16		0.47		0.42
<b>Labs Included</b>	9		9		9
<b>Labs Reporting</b>	10		10		10



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>CJMCHK</b>	<b>27.53</b>	0.09	0.35	<b>8.39</b>	-0.02	0.83	<b>24.70</b>	0.42	1.20	<b>37.30</b>	0.62	1.36	
<b>CWWNDM</b>	<b>29.60</b>	0.79	1.88	<b>9.04</b>	0.61	1.18	<b>25.30</b>	0.72	1.67	<b>36.97</b>	0.52	1.21	
<b>GN9GMK</b>	<b>27.22</b>	-0.02	0.26	<b>8.74</b>	0.32	0.54	<b>23.40</b>	-0.22	0.10	<b>35.26</b>	0.03	0.22	
<b>H9AUVJ</b>	<b>24.73</b>	-0.86	0.19	<b>7.91</b>	-0.49	0.07	<b>22.13</b>	-0.85	0.41	<b>31.55</b>	-1.04	0.22	
<b>Q49KZ9</b>	<b>27.32</b>	0.02	1.85	<b>8.43</b>	0.02	0.85	<b>24.14</b>	0.15	1.63	<b>35.05</b>	-0.03	1.15	
<b>TL2339</b>	<b>25.16</b>	-0.72	0.65	<b>7.53</b>	-0.86	0.65	<b>23.55</b>	-0.15	0.62	<b>33.71</b>	-0.42	0.48	
<b>VYCRPZ</b>	<b>21.51</b>	-1.96	0.47	<b>7.53</b>	-0.86	2.07	<b>19.86</b>	-1.97	0.41	<b>29.68</b>	-1.58	1.30	
<b>WBBHB9</b>	<b>30.05</b>	0.94	0.41	<b>10.71</b>	2.23	0.45	<b>25.70</b>	0.92	0.65	<b>39.11</b>	1.14	1.17	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	27.3		8.41		23.8
<b>Median Abs Dev</b>	2.2		0.57		1.2
<b>Avg Within Lab SD</b>	0.5		0.21		0.5
<b>Labs Included</b>	8		8		8
<b>Labs Reporting</b>	8		8		8



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Cd (SubTestCode 239) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>0.093</b>	0.00	0.60	<b>0.085</b>	-0.19	1.91	<b>0.008</b>	-1.23		<b>0.083</b>	0.47	1.93	
<b>99HTTN</b>	<b>0.070</b>	-1.18	0.00	<b>0.130</b>	2.03	0.00	<b>0.020</b>	0.76	0.00	<b>0.097</b>	1.52	0.48	
<b>CJMCHK</b>	<b>0.100</b>	0.32	1.56	<b>0.057</b>	-1.56	1.18							
<b>CWWNDM</b>	<b>0.110</b>	0.86	0.14	<b>0.106</b>	0.84	0.47	<b>0.015</b>	-0.07	0.29	<b>0.084</b>	0.58	0.59	
<b>GN9GMK</b>	<b>0.115</b>	1.08	0.36	<b>0.096</b>	0.38	0.57	<b>0.014</b>	-0.25	0.34	<b>0.071</b>	-0.38	0.08	
<b>H9AUVJ</b>	<b>0.083</b>	-0.51	0.54	<b>0.087</b>	-0.06	0.00	<b>0.017</b>	0.20	1.57	<b>0.058</b>	-1.36	0.00	
<b>Q49KZ9</b>	<b>0.103</b>	0.48	0.61	<b>0.105</b>	0.83	0.98	<b>0.016</b>	0.07	0.10	<b>0.076</b>	-0.03	0.65	
<b>QWMRPA</b>	<b>0.082</b>	-0.57	0.25	<b>0.085</b>	-0.19	0.65	<b>0.001</b>	-2.34	0.16	<b>0.063</b>	-1.02	0.13	
<b>TL2339</b>	<b>0.387</b>	14.85X	1.42	<b>0.220</b>	6.44X	3.73	<b>0.210</b>	32.28X	0.00	<b>0.197</b>	9.01X	1.27	
<b>VYCRPZ</b>	<b>0.072</b>	-1.06	2.31	<b>0.088</b>	0.00	1.41	<b>0.018</b>	0.48	2.08	<b>0.077</b>	0.03	1.80	

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2409		SRB2410		SRB2411	SRB2412
<b>Grand Median</b>	0.09		0.088		0.015	0.076
<b>Median Abs Dev</b>	0.01		0.008		0.002	0.007
<b>Avg Within Lab SD</b>	0.01		0.005		0.004	0.012
<b>Labs Included</b>	9		9		8	8
<b>Labs Reporting</b>	10		10		9	9





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Co (SubTestCode 240) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>0.319</b>	0.38	0.81	<b>0.077</b>	0.64	1.36	<b>0.206</b>	1.30	2.41	<b>0.211</b>	-0.08	0.57	
<b>99HTTN</b>	<b>0.557</b>	2.48	0.21	<b>0.450</b>	14.16X	0.30	<b>0.323</b>	2.83	0.25	<b>0.700</b>	14.27X	0.24	
<b>9Z8RBT</b>	<b>0.263</b>	-0.11	1.68	<b>0.070</b>	0.40	1.06	<b>0.113</b>	0.09	1.42	<b>0.267</b>	1.56	1.45	
<b>CWWNDM</b>	<b>0.271</b>	-0.04	0.98	<b>0.058</b>	-0.05	0.04	<b>0.099</b>	-0.10	0.07	<b>0.259</b>	1.35	0.98	
<b>GN9GMK</b>	<b>0.280</b>	0.04	0.12	<b>0.063</b>	0.15	0.04	<b>0.100</b>	-0.09	0.10	<b>0.214</b>	0.02	0.06	
<b>H9AUVJ</b>	<b>0.217</b>	-0.52	0.21	<b>0.016</b>	-1.55	0.17	<b>0.100</b>	-0.09	0.44	<b>0.213</b>	0.00	1.28	
<b>Q49KZ9</b>	<b>0.240</b>	-0.31	0.36	<b>0.059</b>	0.00	0.17	<b>0.099</b>	-0.11	0.17	<b>0.222</b>	0.26	0.18	
<b>TL2339</b>	<b>0.440</b>	1.45	0.94	<b>0.010</b>	-1.78	0.00	<b>0.187</b>	1.04	0.51	<b>0.133</b>	-2.35	0.49	
<b>VYCRPZ</b>	<b>0.342</b>	0.59	1.99	<b>0.092</b>	1.18	2.23	<b>0.115</b>	0.11	0.79	<b>0.201</b>	-0.35	1.74	
<b>WDUR47</b>	<b>0.180</b>	-0.84	0.71	<b>0.050</b>	-0.33		<b>0.030</b>	-1.00		<b>0.210</b>	-0.10	0.82	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2409		SRB2410		SRB2411	SRB2412
<b>Grand Median</b>	0.28		0.059		0.11	0.21
<b>Median Abs Dev</b>	0.05		0.011		0.01	0.01
<b>Avg Within Lab SD</b>	0.03		0.033		0.02	0.04
<b>Labs Included</b>	10		9		10	9
<b>Labs Reporting</b>	10		10		10	10



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Ni (SubTestCode 241) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>4.88</b>	0.52	0.68	<b>0.50</b>	0.00	1.77	<b>1.33</b>	0.01	1.73	<b>0.39</b>	0.41	1.22	
<b>99HTTN</b>	<b>2.53</b>	-1.16	0.12	<b>0.62</b>	0.57	0.07	<b>1.78</b>	1.95	0.28	<b>0.79</b>	1.73	0.10	
<b>CJMCHK</b>	<b>2.94</b>	-0.87	1.56	<b>0.78</b>	1.33	1.73	<b>1.79</b>	1.97	1.17	<b>0.54</b>	0.92	1.08	
<b>CWWNDM</b>	<b>4.15</b>	0.00	0.62	<b>0.56</b>	0.29	1.49	<b>1.38</b>	0.24	0.63	<b>0.24</b>	-0.06	0.22	
<b>GN9GMK</b>	<b>4.96</b>	0.58	0.08	<b>0.48</b>	-0.09	0.22	<b>1.32</b>	0.00	0.22	<b>0.25</b>	-0.03	0.14	
<b>H9AUVJ</b>	<b>4.73</b>	0.41	0.27	<b>0.63</b>	0.65	0.68	<b>1.33</b>	0.04	0.10	<b>0.21</b>	-0.16	0.25	
<b>Q49KZ9</b>	<b>3.84</b>	-0.23	1.49	<b>0.48</b>	-0.08	0.05	<b>1.30</b>	-0.11	1.30	<b>0.26</b>	0.00	0.20	
<b>QWMRPA</b>	<b>5.24</b>	0.78	0.23	<b>0.41</b>	-0.41	0.29	<b>1.27</b>	-0.24	0.56	<b>0.27</b>	0.04	0.26	
<b>TL2339</b>	<b>2.15</b>	-1.44	0.32	<b>0.28</b>	-1.05	1.19	<b>1.26</b>	-0.29	0.58	<b>0.06</b>	-0.68	0.41	
<b>VYCRPZ</b>	<b>4.49</b>	0.24	2.18	<b>0.09</b>	-1.93	0.78	<b>1.01</b>	-1.34	1.94	<b>0.04</b>	-0.74	0.25	
<b>WBBHB9</b>	<b>2.48</b>	-1.20	0.69	<b>0.71</b>	1.00	0.17	<b>1.03</b>	-1.24	0.16	<b>1.07</b>	2.64	2.80	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	4.15	0.50	1.32	0.26	
<b>Median Abs Dev</b>	0.81	0.12	0.06	0.12	
<b>Avg Within Lab SD</b>	0.17	0.08	0.06	0.10	
<b>Labs Included</b>	11	11	11	11	
<b>Labs Reporting</b>	11	11	11	11	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2QMUQU</b>	<b>0.54</b>	0.43	2.83	<b>0.10</b>	0.02	0.87	<b>0.34</b>	-0.13	1.06	<b>0.13</b>	0.38	1.50	
<b>99HTTN</b>	<b>1.44</b>	1.99	0.10	<b>0.40</b>	4.62X	0.09	<b>0.30</b>	-0.53	0.11	<b>0.27</b>	1.73	0.17	
<b>CWWNDM</b>	<b>0.27</b>	-0.04	0.08	<b>0.10</b>	-0.02	0.02	<b>0.37</b>	0.09	0.18	<b>0.07</b>	-0.13	0.00	
<b>GN9GMK</b>	<b>0.29</b>	0.00	0.03	<b>0.12</b>	0.31	0.03	<b>0.39</b>	0.29	0.10	<b>0.09</b>	0.01	0.01	
<b>H9AUVJ</b>	<b>0.15</b>	-0.24	0.48	<b>0.01</b>	-1.30	0.05	<b>0.47</b>	1.07	0.96	<b>0.03</b>	-0.59	0.09	
<b>Q49KZ9</b>	<b>0.29</b>	-0.01	0.14	<b>0.10</b>	0.05	0.04	<b>0.35</b>	-0.09	0.17	<b>0.09</b>	0.00	0.09	
<b>QWMRPA</b>	<b>0.22</b>	-0.13	0.12	<b>0.04</b>	-0.86	0.08	<b>0.31</b>	-0.44	0.09	<b>0.07</b>	-0.14	0.04	
<b>TL2339</b>	<b>2.14</b>	3.19	0.74	<b>0.01</b>	-1.34	0.00	<b>1.25</b>	8.21X	0.16	<b>0.01</b>	-0.74	0.00	
<b>VYCRPZ</b>	<b>0.32</b>	0.05	0.42	<b>0.20</b>	1.50	2.69	<b>0.66</b>	2.76	2.42	<b>0.34</b>	2.34	2.59	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2409	SRB2410	SRB2411	SRB2412	
<b>Grand Median</b>	0.29	0.10	0.36	0.088	
<b>Median Abs Dev</b>	0.07	0.04	0.04	0.041	
<b>Avg Within Lab SD</b>	0.15	0.11	0.09	0.126	
<b>Labs Included</b>	9	8	8	9	
<b>Labs Reporting</b>	9	9	9	9	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2409			SRB2410			SRB2411			SRB2412			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>CJMCHK</b>	<b>151.60</b>	1.05	0.42	<b>10.22</b>	0.62	0.38	<b>59.56</b>	0.76	0.77	<b>16.84</b>	0.72	0.22	
<b>CWWNDM</b>	<b>161.00</b>	1.77	1.40	<b>10.87</b>	1.32	0.90	<b>63.13</b>	1.40	1.01	<b>17.47</b>	1.30	0.56	
<b>GN9GMK</b>	<b>139.23</b>	0.10	0.18	<b>9.43</b>	-0.24	0.59	<b>55.39</b>	0.02	0.18	<b>16.07</b>	0.00	0.21	
<b>H9AUVJ</b>	<b>124.33</b>	-1.05	0.20	<b>1.62</b>	-8.75X	6.58	<b>42.00</b>	-2.38	2.13	<b>5.82</b>	-9.57X	3.52	
<b>Q49KZ9</b>	<b>143.06</b>	0.39	2.22	<b>9.66</b>	0.00	1.22	<b>55.18</b>	-0.02	1.15	<b>15.63</b>	-0.41	2.05	
<b>TL2339</b>	<b>131.91</b>	-0.47	0.29	<b>8.80</b>	-0.93	1.06	<b>55.12</b>	-0.03	0.38	<b>15.00</b>	-1.00	0.42	
<b>VYCRPZ</b>	<b>136.71</b>	-0.10	0.70	<b>10.55</b>	0.98	1.62	<b>56.07</b>	0.14	0.52	<b>16.94</b>	0.81	1.49	
<b>WDUR47</b>	<b>131.80</b>	-0.47	0.53	<b>9.07</b>	-0.63	0.68	<b>51.71</b>	-0.64	0.29	<b>15.56</b>	-0.48	0.12	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2409		SRB2410		SRB2411
<b>Grand Median</b>	138.0		9.66		55.3
<b>Median Abs Dev</b>	6.1		0.58		2.2
<b>Avg Within Lab SD</b>	2.9		0.17		0.9
<b>Labs Included</b>	8		7		8
<b>Labs Reporting</b>	8		8		8





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PH (SubTestCode 301)

Data units:

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	7.17	0.58	1.84	7.97	0.23	2.33	8.07	-0.08	1.25
38BFRZ	6.95	0.00	1.06	8.02	0.52	0.48	7.80	-1.34	0.24
3AVAPZ	7.07	0.33	1.14	7.97	0.21	1.00	8.09	0.00	2.69
4EK7QW	7.13	0.47	0.20	7.97	0.23	0.29	8.19	0.47	0.33
99HTTN	6.10	-2.27	0.00	6.10	-9.94X	0.00	6.00	-9.88X	
CJMCHK	7.10	0.40	0.52	7.99	0.33	0.83	8.18	0.46	0.64
CV3VKP	7.36	1.09	1.78	7.89	-0.19	0.25	8.32	1.09	0.78
FZ4BJN	6.87	-0.21	1.09	7.85	-0.41	0.42	8.03	-0.27	0.72
GDKPVL	6.90	-0.13	1.75	7.93	0.03	0.96	8.13	0.22	0.91
GN9GMK	7.19	0.64	0.63	7.91	-0.08	2.36	8.26	0.84	1.41
H9AUVJ	6.77	-0.48	0.00	7.70	-1.24	0.00	7.82	-1.26	0.00
HRP4WJ	6.99	0.12	1.05	7.99	0.32	2.27	8.14	0.23	2.61
HTEERH	6.94	-0.04	0.10	7.75	-0.97	0.17	7.96	-0.60	0.00
HXDN3K	6.47	-1.27	1.16	7.77	-0.86	0.17	7.89	-0.95	0.09
PF4EXC	6.64	-0.82	0.36	8.02	0.50	0.17	8.20	0.54	0.31
Q6443A	7.04	0.24	1.95	7.93	0.01	0.31	8.03	-0.28	0.23
QWMRPA	5.92	-2.73	0.92	7.53	-2.15	1.16	7.43	-3.10X	0.42
RH44B6	7.07	0.32	0.30	7.93	-0.01	0.10	8.04	-0.21	0.18
TRQM64	6.22	-1.96	0.63	7.58	-1.89	0.72	7.68	-1.91	0.10
TUBPVA	6.84	-0.30	0.83	7.71	-1.17	0.69	7.85	-1.12	0.63
VEQX2Y	7.05	0.26	0.61	8.20	1.46	0.25	8.39	1.42	0.51
WHNRH2	7.21	0.69	0.17	8.16	1.26	0.17	8.27	0.87	0.16
WV9DJL	6.89	-0.17	0.50	7.78	-0.79	0.25	8.09	0.03	0.03



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

PH (SubTestCode 301)

Data units:

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	6.95	7.93	8.09
<b>Median Abs Dev</b>	0.15	0.08	0.11
<b>Avg Within Lab SD</b>	0.06	0.06	0.06
<b>Labs Included</b>	23	22	21
<b>Labs Reporting</b>	23	23	23



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>0.03</b>	0.00	0.17	<b>1.24</b>	0.45	0.19	<b>0.52</b>	0.60	0.08
<b>38BFRZ</b>	<b>0.03</b>	-1.28	0.00	<b>1.18</b>	-0.74	0.00	<b>0.52</b>	0.31	0.00
<b>3AVAPZ</b>	<b>0.03</b>	-0.30	0.16	<b>1.23</b>	0.18	0.21	<b>0.52</b>	0.03	0.08
<b>4EK7QW</b>				<b>1.20</b>	-0.37	0.02	<b>0.50</b>	-1.13	0.12
<b>99HTTN</b>	<b>0.03</b>	-1.28	0.00	<b>1.25</b>	0.58		<b>0.52</b>	0.31	0.00
<b>CJMCHK</b>	<b>0.03</b>	-0.46	0.00	<b>1.24</b>	0.33	0.12	<b>0.52</b>	-0.13	0.04
<b>CV3VKP</b>	<b>0.04</b>	1.54	1.05	<b>1.21</b>	-0.11	1.84	<b>0.53</b>	1.57	2.24
<b>FZ4BJN</b>	<b>0.04</b>	0.55	1.69	<b>1.18</b>	-0.68	0.39	<b>0.51</b>	-0.63	0.78
<b>GDKPVL</b>	<b>0.04</b>	0.55	1.69	<b>1.28</b>	1.08	0.19	<b>0.53</b>	1.26	0.78
<b>GN9GMK</b>	<b>0.04</b>	0.39	0.03	<b>1.21</b>	-0.20	0.77	<b>0.52</b>	0.22	0.77
<b>H9AUVJ</b>	<b>0.03</b>	-0.18	0.00	<b>1.19</b>	-0.57	0.00	<b>0.51</b>	-0.25	0.00
<b>HRP4WJ</b>	<b>0.04</b>	1.09	0.34	<b>1.21</b>	-0.26	0.07	<b>0.51</b>	-0.19	0.04
<b>HTEERH</b>	<b>0.03</b>	-0.22	0.05	<b>1.29</b>	1.25	0.02	<b>0.54</b>	1.98	0.04
<b>HXDN3K</b>	<b>0.04</b>	0.82	1.11	<b>1.24</b>	0.38	0.37	<b>0.52</b>	0.00	0.38
<b>PF4EXC</b>	<b>0.04</b>	1.46	2.93	<b>1.17</b>	-0.87	0.39	<b>0.51</b>	-0.63	1.35
<b>Q6443A</b>	<b>0.03</b>	-0.55	0.17	<b>1.24</b>	0.45	0.08	<b>0.52</b>	-0.13	0.27
<b>QWMRPA</b>	<b>0.03</b>	0.01	0.04	<b>1.29</b>	1.31	0.03	<b>0.53</b>	1.61	0.05
<b>RH44B6</b>	<b>0.03</b>	-0.18	0.00	<b>1.22</b>	0.00	0.05	<b>0.51</b>	-0.34	0.02
<b>TRQM64</b>	<b>0.04</b>	1.28	1.95	<b>1.34</b>	2.30	4.09	<b>0.52</b>	-0.09	3.66
<b>TUBPVA</b>	<b>0.03</b>	-0.73	0.51	<b>1.23</b>	0.20	0.33	<b>0.51</b>	-0.57	0.72
<b>VEQX2Y</b>	<b>0.03</b>	-1.28	0.00	<b>1.18</b>	-0.74	0.67	<b>0.49</b>	-2.20	0.45
<b>WHNRH2</b>	<b>0.03</b>	0.02	0.32	<b>1.10</b>	-2.33	0.05	<b>0.53</b>	0.85	0.04
<b>WV9DJL</b>	<b>0.05</b>	4.45X	0.46	<b>1.21</b>	-0.12	0.34	<b>0.52</b>	0.50	0.04





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

EC (SubTestCode 302)

Data units: dS/m

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.035	1.22	0.52
<b>Median Abs Dev</b>	0.002	0.02	0.01
<b>Avg Within Lab SD</b>	0.003	0.03	0.01
<b>Labs Included</b>	21	23	23
<b>Labs Reporting</b>	22	23	23



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.29	2.46	0.60	6.84	-0.01	0.50	0.36	2.00	1.13
38BFRZ	0.03	-2.08	0.17	0.15	-17.01X	0.04	7.58	113.96X	3.41
3AVAPZ	0.23	1.38	4.37	6.91	0.18	0.24	0.42	2.88	1.20
4EK7QW	0.14	-0.17	0.00	6.85	0.01	0.10	0.23	-0.07	0.00
99HTTN	0.16	0.10	0.00	6.70	-0.36	0.00	0.25	0.19	0.00
CJMCHK	0.16	0.15	0.05	6.77	-0.18	0.32	0.23	-0.04	0.05
FZ4BJN	0.15	-0.06	0.13	6.63	-0.53	0.48	0.27	0.55	2.40
GDKPVL	0.16	0.17	0.00	6.95	0.28	1.41	0.25	0.19	0.26
GN9GMK	0.20	0.90	0.32	7.06	0.55	1.37	0.24	0.12	0.41
H9AUVJ	0.14	-0.24	0.02	6.79	-0.13	0.04	0.22	-0.26	0.01
HRP4WJ	0.08	-1.24	0.08	6.64	-0.52	0.42	0.19	-0.76	1.25
HXDN3K	0.08	-1.15	0.26	6.55	-0.75	2.51	0.14	-1.47	0.79
PF4EXC	0.15	0.00	0.00	6.60	-0.62	0.08	0.23	-0.02	0.26
Q6443A	0.17	0.43	0.28	8.23	3.53	2.50	0.23	-0.11	1.17
QWMRPA	0.17	0.29	0.01	7.31	1.18	0.51	0.29	0.79	0.19
RH44B6	0.15	0.04	0.01	6.86	0.04	0.22	0.24	0.02	0.09
TRQM64	0.08	-1.19	0.59	7.24	1.00	0.42	0.18	-0.84	2.64
TUBPVA	0.15	-0.03	0.38	8.04	3.04	1.28	0.26	0.41	0.55
VEQX2Y	0.15	-0.06	0.66	6.82	-0.07	0.46	0.19	-0.74	0.26
WHNRH2	0.07	-1.45	0.01	6.86	0.05	0.14	0.19	-0.66	0.03
WV9DJL	0.18	0.57	0.57	6.66	-0.47	0.65	0.32	1.38	0.53



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.15	6.84	0.23
<b>Median Abs Dev</b>	0.02	0.16	0.03
<b>Avg Within Lab SD</b>	0.04	0.12	0.02
<b>Labs Included</b>	21	20	20
<b>Labs Reporting</b>	21	21	21



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2407			SRW2408			SRW2409			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2LX942</b>	<b>0.13</b>	2.38	0.55	<b>3.20</b>	-0.06	0.79	<b>0.21</b>	1.98	0.18	
<b>38BFRZ</b>	<b>0.08</b>	0.45	1.73	<b>3.61</b>	1.74	0.09	<b>0.15</b>	-0.04	0.10	
<b>3AVAPZ</b>	<b>0.07</b>	-0.13	0.00	<b>2.98</b>	-1.03	2.50	<b>0.12</b>	-0.92	3.81	
<b>4EK7QW</b>				<b>3.17</b>	-0.19	0.16				
<b>99HTTN</b>	<b>0.08</b>	0.23	0.00	<b>3.36</b>	0.63	0.00	<b>0.16</b>	0.37	0.00	
<b>CJMCHK</b>	<b>0.07</b>	-0.12	0.26	<b>3.09</b>	-0.53	0.36	<b>0.15</b>	-0.08	0.03	
<b>FZ4BJN</b>	<b>0.09</b>	0.54	2.59	<b>3.13</b>	-0.35	1.82	<b>0.17</b>	0.46	1.83	
<b>GDKPVL</b>	<b>0.07</b>	0.00	0.98	<b>3.20</b>	-0.07	0.95	<b>0.15</b>	0.04	0.35	
<b>GN9GMK</b>	<b>0.08</b>	0.10	0.08	<b>3.38</b>	0.71	0.75	<b>0.16</b>	0.22	0.37	
<b>H9AUVJ</b>	<b>0.06</b>	-0.36	0.07	<b>3.18</b>	-0.16	0.06	<b>0.15</b>	-0.23	0.01	
<b>HRP4WJ</b>	<b>0.01</b>	-2.44	0.55	<b>3.21</b>	-0.01	0.16	<b>0.10</b>	-1.73	0.99	
<b>HXDN3K</b>	<b>0.05</b>	-1.07	0.98	<b>3.25</b>	0.14	2.21	<b>0.11</b>	-1.45	0.69	
<b>PF4EXC</b>	<b>0.08</b>	0.13	0.98	<b>2.99</b>	-0.96	0.24	<b>0.15</b>	-0.07	0.00	
<b>Q6443A</b>	<b>0.07</b>	-0.14	2.09	<b>3.59</b>	1.65	1.23	<b>0.16</b>	0.13	0.39	
<b>QWMRPA</b>	<b>0.07</b>	-0.13	0.00	<b>3.11</b>	-0.45	0.46	<b>0.16</b>	0.19	0.10	
<b>RH44B6</b>				<b>3.21</b>	0.00	0.24	<b>0.15</b>	-0.09	0.07	
<b>TRQM64</b>	<b>0.02</b>	-2.33	0.27	<b>3.47</b>	1.10	0.20	<b>0.10</b>	-1.55	0.05	
<b>TUBPVA</b>	<b>0.07</b>	-0.01	0.88	<b>3.91</b>	3.01	0.48	<b>0.18</b>	0.73	0.30	
<b>VEQX2Y</b>	<b>0.10</b>	1.07	0.00	<b>3.40</b>	0.83	0.09	<b>0.14</b>	-0.39	0.00	
<b>WHNRH2</b>	<b>0.07</b>	0.01	0.03	<b>3.29</b>	0.34	0.14	<b>0.18</b>	0.77	0.03	
<b>WV9DJL</b>	<b>0.10</b>	1.16	0.72	<b>3.26</b>	0.20	1.46	<b>0.22</b>	2.05	0.38	



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.073	3.21	0.15
<b>Median Abs Dev</b>	0.006	0.10	0.01
<b>Avg Within Lab SD</b>	0.006	0.06	0.02
<b>Labs Included</b>	19	21	20
<b>Labs Reporting</b>	19	21	20



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.10	0.69	0.03	1.43	-0.07	0.29	4.80	-0.32	0.37
38BFRZ	0.01	-3.45	0.05	1.48	0.38	0.38	5.47	1.32	1.01
3AVAPZ	0.06	-0.97	4.30	1.30	-1.16	0.73	4.87	-0.15	0.32
4EK7QW				1.47	0.27	0.22	5.08	0.36	0.33
99HTTN	0.08	-0.03	0.00	1.44	0.07	0.00	4.99	0.16	0.00
CJMCHK	0.08	-0.17	0.03	1.38	-0.45	0.13	4.89	-0.09	0.63
CV3VKP	6.39	313.68X	3.15	43.94	357.01X	5.67	130.30	306.76X	23.32
FZ4BJN	0.10	0.86	0.00	1.27	-1.41	1.11	4.50	-1.05	
GDKPVL	0.09	0.36	0.00	1.45	0.13	0.58	4.89	-0.10	2.03
GN9GMK	0.09	0.53	0.44	1.50	0.57	0.46	5.01	0.20	0.49
H9AUVJ	0.07	-0.43	0.01	1.40	-0.28	0.01	4.73	-0.49	0.06
HRP4WJ	0.06	-0.92	0.24	1.37	-0.54	1.17	4.99	0.14	0.65
HTEERH	0.08	0.07	0.01	1.36	-0.60	0.14	4.61	-0.79	0.06
HXDN3K	0.08	0.03	0.30	1.44	0.07	2.02	4.82	-0.27	2.69
PF4EXC	0.08	-0.14	0.00	1.38	-0.43	0.29	4.77	-0.39	0.08
Q6443A	0.09	0.19	0.60	1.65	1.77	1.39	5.55	1.52	1.94
QWMRPA	0.09	0.34	0.06	1.34	-0.81	0.07	4.97	0.09	0.15
RH44B6				1.40	-0.32	0.29	4.82	-0.28	0.12
TRQM64	0.08	-0.38	0.12	1.57	1.11	0.21	5.36	1.06	0.54
TUBPVA	0.06	-0.97	0.78	1.58	1.22	0.38	5.65	1.77	1.04
VEQX2Y	0.08	-0.14	0.00	1.42	-0.15	0.11	5.52	1.44	0.37
WHNRH2	0.09	0.61	0.06	1.54	0.86	0.10	5.28	0.85	0.15
WV9DJL	0.13	2.23	0.38	1.69	2.15	3.41	4.12	-1.98	1.37



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.083	1.43	4.93
<b>Median Abs Dev</b>	0.008	0.06	0.15
<b>Avg Within Lab SD</b>	0.019	0.05	0.12
<b>Labs Included</b>	20	22	22
<b>Labs Reporting</b>	21	23	23



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.01	0.00	0.15	0.38	0.20	0.36	0.03	0.64	0.13
38BFRZ	0.01	0.07	0.04	0.33	-1.55	0.23	0.03	0.65	0.09
3AVAPZ	0.02	1.02	3.00	0.28	-3.38	0.00	0.02	-0.17	2.69
4EK7QW				0.37	0.00	0.00			
99HTTN	0.02	0.60	0.00	0.37	0.18	0.00	0.03	0.65	0.00
CJMCHK	0.01	-0.20	0.15	0.36	-0.54	0.05	0.02	-0.39	0.13
CV3VKP	2.61	265.17X	125.78	11.84	430.57X	94.01	3.74	500.49X	38.20
FZ4BJN	0.00	-1.02	0.15	0.37	0.00	3.12	0.01	-2.46	0.13
GDKPVL	0.01	0.00	1.50	0.37	0.00	0.90	0.03	0.73	0.00
GN9GMK	0.02	0.71	1.31	0.36	-0.23	0.82	0.04	1.52	1.34
H9AUVJ	0.01	-0.27	0.40	0.36	-0.22	0.04	0.02	-0.33	0.22
HRP4WJ	0.07	5.62	0.65	0.40	1.26	1.04	0.09	8.94X	4.06
HTEERH	0.01	-0.26	0.01	0.37	0.08	0.14	0.03	0.32	0.03
HXDN3K	0.01	0.00	1.50	0.40	1.13	1.80	0.02	-0.17	1.34
PF4EXC	0.02	0.68	0.00	0.32	-2.00	0.52	0.03	1.18	1.34
Q6443A	0.01	-0.58	0.80	0.40	1.28	0.41	0.02	-0.39	0.39
QWMRPA	0.01	-0.10	0.15	0.36	-0.35	0.05	0.02	-0.26	0.13
TRQM64				0.36	-0.26	0.46			
VEQX2Y	-1.00	103.55X		0.36	-0.50	0.52	0.02	-0.62	0.00
WHNRH2	0.01	0.07	0.01	0.37	0.02	0.05	0.02	0.00	0.05
WV9DJL	0.02	0.27	0.70	0.38	0.30	1.81	0.03	1.00	2.02





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.013	0.37	0.025
<b>Median Abs Dev</b>	0.003	0.01	0.005
<b>Avg Within Lab SD</b>	0.004	0.01	0.004
<b>Labs Included</b>	17	20	17
<b>Labs Reporting</b>	19	21	19



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### NH4-N (SubTestCode 307) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>99HTTN</b>	<b>0.055</b>	1.93	0.00	<b>0.055</b>	2.05	0.00	<b>0.055</b>	1.83	0.00
<b>GN9GMK</b>	<b>0.001</b>	-0.37	0.63	<b>0.002</b>	-0.57	0.30	<b>0.001</b>	-0.36	0.21
<b>H9AUVJ</b>	<b>0.001</b>	-0.39	0.25	<b>0.007</b>	-0.31	0.11	<b>0.001</b>	-0.35	0.22
<b>QWMRPA</b>	<b>0.026</b>	0.68	2.13	<b>0.022</b>	0.44	0.57	<b>0.031</b>	0.83	2.22
<b>VEQX2Y</b>	<b>0.010</b>	0.00	0.00	<b>0.013</b>	0.00	2.14	<b>0.010</b>	0.00	0.00

### NH4-N (SubTestCode 307) in the Cations Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.010	0.013	0.010
<b>Median Abs Dev</b>	0.009	0.009	0.009
<b>Avg Within Lab SD</b>	0.001	0.003	0.002
<b>Labs Included</b>	5	5	5
<b>Labs Reporting</b>	5	5	5



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>38BFRZ</b>	<b>0.1</b>	-1.55	0.37	<b>13.0</b>	1.79	0.45	<b>5.8</b>	0.92	0.84
<b>GDKPVL</b>	<b>0.3</b>	0.11	0.64	<b>12.0</b>	-0.08	1.22	<b>5.3</b>	-0.35	1.72
<b>GN9GMK</b>	<b>0.4</b>	0.56	0.73	<b>12.3</b>	0.53	0.95	<b>5.4</b>	0.00	0.51
<b>H9AUVJ</b>	<b>0.3</b>	-0.34	0.18	<b>11.7</b>	-0.48	0.02	<b>5.1</b>	-0.89	0.06
<b>HXDN3K</b>	<b>0.2</b>	-0.85	0.97	<b>11.6</b>	-0.67	2.51	<b>5.1</b>	-0.96	2.21
<b>PF4EXC</b>	<b>0.3</b>	0.00	0.37	<b>11.3</b>	-1.28	0.09	<b>5.2</b>	-0.70	0.04
<b>TRQM64</b>	<b>0.2</b>	-1.31	1.62	<b>12.6</b>	1.13	0.15	<b>5.6</b>	0.53	0.27
<b>VEQX2Y</b>	<b>0.3</b>	0.06	2.04	<b>12.0</b>	0.00	0.29	<b>5.9</b>	1.13	0.30
<b>WHNRH2</b>	<b>0.5</b>	1.29	0.06	<b>12.1</b>	0.11	0.11	<b>5.7</b>	0.60	0.13

### Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.33	12.0	5.45
<b>Median Abs Dev</b>	0.07	0.3	0.26
<b>Avg Within Lab SD</b>	0.02	0.2	0.15
<b>Labs Included</b>	9	9	9
<b>Labs Reporting</b>	9	9	9



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### SAR (SubTestCode 309) in the Cations Property Groups Data units:

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4EK7QW</b>				<b>0.65</b>	0.38	0.24	<b>15.07</b>	1.51	0.29
<b>FZ4BJN</b>	<b>0.30</b>	0.72	0.00	<b>0.57</b>	-2.11	2.37	<b>9.63</b>	-0.88	1.72
<b>GDKPVL</b>	<b>0.26</b>	0.00	1.09	<b>0.65</b>	0.29	0.41	<b>10.89</b>	-0.32	0.70
<b>H9AUVJ</b>	<b>0.23</b>	-0.38	0.05	<b>0.63</b>	-0.35	0.00	<b>10.95</b>	-0.30	0.03
<b>HXDN3K</b>	<b>0.33</b>	1.17	2.17	<b>0.65</b>	0.38	1.44	<b>13.76</b>	0.94	2.07
<b>PF4EXC</b>	<b>0.24</b>	-0.28	0.94	<b>0.63</b>	-0.38	0.24	<b>10.94</b>	-0.30	0.05
<b>VEQX2Y</b>	<b>0.23</b>	-0.45	0.00	<b>0.63</b>	-0.29	0.00	<b>13.57</b>	0.85	0.41
<b>WHNRH2</b>	<b>0.36</b>	1.72	0.45	<b>0.68</b>	1.21	0.11	<b>12.30</b>	0.30	0.08

### SAR (SubTestCode 309) in the Cations Property Groups Data units:

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.26	0.64	11.6
<b>Median Abs Dev</b>	0.03	0.01	1.3
<b>Avg Within Lab SD</b>	0.01	0.02	0.5
<b>Labs Included</b>	7	8	8
<b>Labs Reporting</b>	7	8	8



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
WebCode	SRW2407			SRW2408			SRW2409			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>FZ4BJN</b>	<b>0.10</b>		1.40	<b>0.70</b>		0.00	<b>8.27</b>		0.77	
<b>GDKPVL</b>				<b>1.52</b>		1.72	<b>11.36</b>		1.55	
<b>PF4EXC</b>	<b>0.01</b>		0.18	<b>1.42</b>		0.22	<b>9.42</b>		0.09	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2407			SRW2408			SRW2409			
	Grand Median	Median Abs Dev	Avg Within Lab SD	Labs Included	Labs Reporting		Grand Median	Median Abs Dev	Avg Within Lab SD	
	0.055			1.42			9.42			
	0.000			0.03			0.27			
	2			3			3			
	2			3			3			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

HCO3 (SubTestCode 311) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2407			SRW2408			SRW2409			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
38BFRZ	0.20	-0.39	1.54	3.42	-0.76	0.17	3.61	-0.78	0.13	
3AVAPZ	0.28	1.49	1.97	3.65	0.05	0.73	3.90	0.13	0.67	
4EK7QW				4.40	2.79	2.97	4.87	3.20	1.35	
99HTTN	0.25	0.70	0.00	0.46	-11.48X	0.00	0.44	-10.81X	0.00	
FZ4BJN	0.20	-0.37	0.00	3.80	0.60	0.00	4.27	1.29	2.56	
GDKPVL	0.20	-0.44	0.66	3.08	-1.99	0.60	3.26	-1.91	1.14	
GN9GMK	0.16	-1.20	0.00	3.52	-0.41	0.72	3.70	-0.51	0.42	
H9AUVJ	0.20	-0.37	0.00	3.60	-0.12	0.00	3.82	-0.12	0.00	
HXDN3K	0.27	1.25	1.14	3.65	0.07	0.17	3.88	0.06	0.46	
PF4EXC	0.63	9.58X	1.14	3.96	1.17	0.60	3.86	0.00	0.22	
Q6443A	0.23	0.33	2.22	3.76	0.47	1.45	3.98	0.37	1.47	
QWMRPA	0.21	-0.08	0.13	3.62	-0.05	0.77	3.86	0.00	0.15	
TRQM64	0.22	0.21	0.21	3.51	-0.44	0.59	3.70	-0.49	0.20	
VEQX2Y	0.30	1.95	0.00	3.70	0.24	0.00	4.00	0.45		
WHNRH2	0.22	0.00	0.23	3.56	-0.27	0.58	3.82	-0.13	0.44	

HCO3 (SubTestCode 311) in the Anions Property Groups										Data units: mmolc/L
	SRW2407			SRW2408			SRW2409			
Grand Median	0.22			3.63			3.86			
Median Abs Dev	0.02			0.12			0.13			
Avg Within Lab SD	0.01			0.03			0.05			
Labs Included	13			14			14			
Labs Reporting	14			15			15			



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

**CO3 (SubTestCode 312) in the Anions Property Groups** **Data units: mmolc/L**

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>99HTTN</b>	<b>0.003</b>		1.41	<b>0.003</b>		1.41	<b>0.003</b>		0.00
<b>GN9GMK</b>							<b>0.088</b>		1.73
<b>QWMRPA</b>	<b>0.000</b>		0.02	<b>0.000</b>		0.02	<b>0.000</b>		0.00

**CO3 (SubTestCode 312) in the Anions Property Groups** **Data units: mmolc/L**

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.002	0.002	0.003
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.000	0.000	0.001
<b>Labs Included</b>	2	2	3
<b>Labs Reporting</b>	2	2	3



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.06	0.16	0.09	7.62	2.63	2.00	0.56	0.89	0.09
38BFRZ	0.04	-0.69	0.65	6.07	-1.01	0.31	0.47	-0.20	0.02
4EK7QW				6.53	0.07	0.28	0.42	-0.92	0.00
99HTTN	0.08	1.21	0.00	0.03	-15.19X	0.00	0.03	-6.13X	0.00
CJMCHK	0.03	-0.80	0.05	6.61	0.25	0.07	0.51	0.29	0.00
CV3VKP	0.20	5.57X	0.00	5.24	-2.97	0.24	0.54	0.67	1.49
FZ4BJN	0.07	0.65	2.07	7.25	1.74	0.60	0.67	2.40	3.68
GDKPVL	0.03	-1.03	0.45	6.43	-0.18	0.67	0.47	-0.30	0.24
GN9GMK	0.05	-0.05	0.69	6.85	0.81	0.68	0.46	-0.43	0.63
H9AUVJ	0.06	0.12	0.00	6.60	0.23	0.00	0.56	0.99	0.00
HRP4WJ	0.09	1.59	1.27	6.36	-0.33	0.54	0.55	0.85	0.67
HXDN3K	0.08	0.90	2.75	6.44	-0.15	2.56	0.51	0.32	1.67
PF4EXC				6.56	0.13	0.11	0.35	-1.85	0.00
Q6443A	0.07	0.59	0.01	6.41	-0.23	0.62	0.46	-0.42	0.02
QWMRPA	0.05	-0.06	0.40	6.59	0.19	0.24	0.52	0.38	0.11
RH44B6				6.39	-0.26	0.15	0.49	0.00	0.06
TRQM64				6.35	-0.37	1.67	0.49	-0.06	0.31
TUBPVA	0.05	0.00	0.45	6.50	0.00	1.44	0.41	-1.06	0.41
VEQX2Y	0.03	-0.90	0.00	6.50	0.00	1.28	0.51	0.27	0.00
WHNRH2	0.02	-1.35	0.26	7.16	1.53	0.63	0.49	0.00	0.35
WV9DJL				6.32	-0.42	0.52	0.40	-1.19	0.41





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Cl (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.053	6.50	0.49
<b>Median Abs Dev</b>	0.018	0.11	0.03
<b>Avg Within Lab SD</b>	0.013	0.14	0.02
<b>Labs Included</b>	15	20	20
<b>Labs Reporting</b>	16	21	21



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>				<b>2.53</b>	14.04X	11.14			
<b>38BFRZ</b>	<b>0.01</b>	-0.12	0.00	<b>0.61</b>	0.43	0.02	<b>0.01</b>	-0.04	0.00
<b>3AVAPZ</b>	<b>0.08</b>	2.76	2.09	<b>1.70</b>	8.16X	0.38	<b>0.48</b>	3.82	0.14
<b>4EK7QW</b>				<b>0.60</b>	0.39	0.00			
<b>99HTTN</b>	<b>0.08</b>	2.70	0.00	<b>0.08</b>	-3.30	0.00	<b>0.08</b>	0.52	0.00
<b>CJMCHK</b>	<b>0.01</b>	-0.22	0.12	<b>0.58</b>	0.25	0.02	<b>0.01</b>	-0.04	0.00
<b>FZ4BJN</b>	<b>0.03</b>	0.78	3.29	<b>0.48</b>	-0.44	0.22	<b>0.02</b>	0.06	0.05
<b>GDKPVL</b>	<b>0.01</b>	-0.12	0.00	<b>0.49</b>	-0.39	0.75	<b>0.01</b>	-0.05	0.00
<b>GN9GMK</b>	<b>0.02</b>	0.31	0.07	<b>0.61</b>	0.48	0.75	<b>0.02</b>	0.05	0.01
<b>H9AUVJ</b>	<b>0.01</b>	-0.25	0.01	<b>0.53</b>	-0.07	0.03	<b>0.01</b>	-0.05	0.00
<b>HRP4WJ</b>	<b>1.85</b>	75.57X	26.89	<b>2.66</b>	14.94X	11.02	<b>0.46</b>	3.71	1.29
<b>HTEERH</b>	<b>0.00</b>	-0.35	0.00	<b>0.14</b>	-2.88	0.00	<b>0.01</b>	-0.09	0.00
<b>HXDN3K</b>	<b>0.06</b>	1.80	1.65	<b>0.57</b>	0.15	3.38	<b>0.40</b>	3.22	4.04
<b>Q6443A</b>	<b>0.04</b>	1.17	0.01	<b>0.61</b>	0.47	0.21	<b>0.04</b>	0.23	0.00
<b>QWMRPA</b>	<b>0.02</b>	0.29	0.14	<b>0.58</b>	0.23	0.09	<b>0.02</b>	0.00	0.02
<b>RH44B6</b>	<b>0.01</b>	-0.17	0.00	<b>0.56</b>	0.07	0.02			
<b>TRQM64</b>	<b>0.00</b>	-0.49	0.10	<b>0.53</b>	-0.14	1.27	<b>0.00</b>	-0.09	0.02
<b>TUBPVA</b>	<b>0.01</b>	-0.12	0.00	<b>0.53</b>	-0.11	1.73	<b>0.01</b>	-0.05	0.00
<b>VEQX2Y</b>	<b>0.01</b>	-0.12	0.00	<b>0.58</b>	0.25	0.00	<b>0.01</b>	-0.05	0.00
<b>WHNRH2</b>	<b>0.02</b>	0.12	0.06	<b>0.32</b>	-1.61	0.85	<b>0.02</b>	0.00	0.02
<b>WV9DJL</b>	<b>0.02</b>	0.24	0.22	<b>0.47</b>	-0.50	0.04	<b>0.02</b>	0.07	0.03



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.013	0.55	0.016
<b>Median Abs Dev</b>	0.007	0.06	0.007
<b>Avg Within Lab SD</b>	0.013	0.03	0.106
<b>Labs Included</b>	18	18	18
<b>Labs Reporting</b>	19	21	18



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### SO4 (SubTestCode 315) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2LX942	0.15	9.34X	0.11	3.03	17.08X	1.29	2.88	21.32X	0.64
38BFRZ	0.05	-0.37	0.05	1.10	0.59	0.80	1.10	1.30	0.42
4EK7QW				1.08	0.36	0.49	0.96	-0.23	1.48
99HTTN	0.05	-0.61	0.00	1.00	-0.27	0.00	0.90	-0.94	0.00
CJMCHK	0.05	-1.04	0.17	0.98	-0.43	0.21	0.98	-0.07	0.20
FZ4BJN	0.06	0.00	0.65	0.92	-0.95	0.18	0.90	-0.99	0.49
GDKPVL	0.05	-0.67	0.00	0.95	-0.75	1.51	0.94	-0.46	0.97
GN9GMK	0.05	-0.18	0.51	1.08	0.41	0.23	1.00	0.18	0.98
H9AUVJ	0.05	-0.97	0.03	1.02	-0.10	0.06	0.97	-0.15	0.11
HRP4WJ	0.29	23.55X	1.98	19.94	161.64X	11.40	2.41	16.03X	1.99
HXDN3K	0.06	0.00	1.29	1.05	0.10	1.12	0.99	0.07	1.26
PF4EXC	0.06	0.67	0.65	0.99	-0.38	0.32	0.95	-0.38	0.42
Q6443A	0.06	0.84	1.59	1.32	2.46	2.41	1.12	1.51	0.91
RH44B6	0.06	0.00	0.36	1.00	-0.29	0.16	0.96	-0.29	0.24
TRQM64	0.08	2.30	2.95	1.15	1.00	1.96	1.08	1.13	2.58
TUBPVA	0.03	-2.36	0.65	1.00	-0.30		1.00	0.18	
VEQX2Y	0.06	0.00	0.65	1.17	1.13	0.80	1.11	1.38	1.06
WHNRH2	0.06	0.10	0.05	1.19	1.29	0.26	1.12	1.52	0.07

### SO4 (SubTestCode 315) in the Anions Property Groups Data units: mmolc/L

	SRW2407	SRW2408	SRW2409
Grand Median	0.057	1.03	0.98
Median Abs Dev	0.006	0.05	0.04
Avg Within Lab SD	0.009	0.03	0.02
Labs Included	15	16	16
Labs Reporting	17	18	18



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

**Sum Anions (SubTestCode 316) in the Anions Property Groups** **Data units: mmolc/L**

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>38BFRZ</b>	<b>0.3</b>	-0.06	0.72	<b>11.2</b>	-1.07	0.00	<b>5.2</b>	-0.24	0.08
<b>GDKPVL</b>	<b>0.3</b>	-0.21	0.20	<b>11.0</b>	-1.60	0.80	<b>4.7</b>	-1.88	0.59
<b>GN9GMK</b>	<b>0.3</b>	-0.10	0.47	<b>12.1</b>	0.75	0.29	<b>5.2</b>	-0.13	0.07
<b>H9AUVJ</b>	<b>0.3</b>	0.04	0.01	<b>11.8</b>	0.11	0.01	<b>5.4</b>	0.26	0.02
<b>HXDN3K</b>	<b>0.5</b>	1.15	2.70	<b>11.7</b>	0.00	2.28	<b>5.8</b>	1.57	2.90
<b>PF4EXC</b>	<b>0.7</b>	2.83	0.20	<b>11.5</b>	-0.46	0.15	<b>5.2</b>	-0.37	0.00
<b>TRQM64</b>	<b>0.3</b>	0.00	0.93	<b>11.5</b>	-0.36	1.41	<b>5.3</b>	0.00	0.43
<b>VEQX2Y</b>	<b>0.1</b>	-1.64	0.04	<b>12.0</b>	0.52	0.97	<b>5.6</b>	1.09	0.18
<b>WHNRH2</b>	<b>0.3</b>	0.04	0.09	<b>12.3</b>	1.20	0.34	<b>5.4</b>	0.53	0.06

**Sum Anions (SubTestCode 316) in the Anions Property Groups** **Data units: mmolc/L**

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.30	11.7	5.28
<b>Median Abs Dev</b>	0.01	0.2	0.12
<b>Avg Within Lab SD</b>	0.03	0.2	0.14
<b>Labs Included</b>	9	9	9
<b>Labs Reporting</b>	9	9	9



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups Data units:

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>38BFRZ</b>	<b>0.16</b>	0.48	2.24	<b>1.80</b>	1.70	0.58	<b>0.60</b>	1.08	0.91
<b>GDKPVL</b>	<b>0.06</b>	0.00	0.75	<b>1.01</b>	0.84	1.94	<b>0.65</b>	1.22	2.37
<b>GN9GMK</b>	<b>0.10</b>	0.19	0.37	<b>0.24</b>	0.00	1.23	<b>0.21</b>	-0.04	0.59
<b>H9AUVJ</b>	<b>-0.02</b>	-0.43	0.33	<b>-0.02</b>	-0.28	0.01	<b>-0.25</b>	-1.38	0.05
<b>PF4EXC</b>	<b>-0.37</b>	-2.13	0.75	<b>-0.20</b>	-0.48	0.05	<b>0.03</b>	-0.58	0.05
<b>TRQM64</b>	<b>-0.13</b>	-0.97	0.71	<b>1.10</b>	0.94	1.12	<b>0.37</b>	0.41	0.41
<b>WHNRH2</b>	<b>0.17</b>	0.52	0.37	<b>-0.20</b>	-0.49	0.34	<b>0.23</b>	0.00	0.16

### Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups Data units:

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.063	0.24	0.23
<b>Median Abs Dev</b>	0.097	0.45	0.20
<b>Avg Within Lab SD</b>	0.008	0.22	0.13
<b>Labs Included</b>	7	7	7
<b>Labs Reporting</b>	7	7	7



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3AVAPZ	0.05	2.05	2.90	0.07	-2.01	3.14	0.05	1.13	3.22
4EK7QW				0.10	0.22	0.33			
CJMCHK				0.09	-0.36	0.09	0.02	-0.36	0.05
FZ4BJN	0.03	1.00	0.23	0.13	1.98	0.33	0.05	1.14	0.26
GDKPVL	0.02	0.48	0.47	0.11	0.81	0.33	0.04	0.91	0.26
GN9GMK	0.01	-0.04	0.11	0.10	-0.12	0.38	0.03	0.05	0.07
H9AUVJ	0.00	-0.19	0.00	0.10	-0.03	0.00	0.03	-0.02	0.03
PF4EXC				0.10	0.03	0.57			
QWMRPA	0.00	-0.19	0.00	0.10	0.16	0.07	0.03	0.00	0.00
TRQM64				0.09	-0.43	0.06	0.02	-0.68	0.03
TUBPVA	0.01	-0.01	0.19	0.10	-0.25	0.53	0.02	-0.66	0.03
WHNRH2	0.01	0.00	0.36	0.10	0.00	0.02	0.02	-0.51	0.02
WV9DJL	0.05	2.12	0.41	0.14	2.36	1.43	0.06	1.96	0.68

### Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2407	SRW2408	SRW2409
Grand Median	0.008	0.10	0.030
Median Abs Dev	0.004	0.00	0.010
Avg Within Lab SD	0.025	0.02	0.022
Labs Included	9	13	11
Labs Reporting	9	13	11



## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups

Data units: mg/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4EK7QW</b>				<b>1.133</b>		2.00			
<b>GDKPVL</b>	<b>0.010</b>		0.00						
<b>GN9GMK</b>	<b>0.034</b>		0.05	<b>0.015</b>		0.02	<b>0.017</b>		0.10
<b>HTEERH</b>	<b>0.044</b>		0.05	<b>0.015</b>		0.00	<b>0.018</b>		0.20
<b>WV9DJL</b>	<b>0.604</b>		2.00	<b>0.022</b>		0.05	<b>0.041</b>		1.72

### PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups

Data units: mg/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.039	0.018	0.018
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.020	0.076	0.006
<b>Labs Included</b>	4	4	3
<b>Labs Reporting</b>	4	4	3





## ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024

### Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups

Data units: mg/L

WebCode	SRW2407			SRW2408			SRW2409		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>2LX942</b>	<b>0.046</b>	0.77	0.49	<b>0.019</b>	0.76	1.72	<b>0.027</b>	2.16	1.59
<b>3AVAPZ</b>	<b>0.011</b>	-1.23	0.51	<b>0.011</b>	-0.35	1.60	<b>0.011</b>	-0.02	1.64
<b>CJMCHK</b>	<b>0.026</b>	-0.37	0.08	<b>0.005</b>	-1.18	0.00	<b>0.011</b>	0.02	0.56
<b>CV3VKP</b>	<b>0.192</b>	9.23X	0.95	<b>0.248</b>	31.79X	1.98	<b>0.166</b>	20.83X	1.76
<b>GDKPVL</b>	<b>0.070</b>	2.18	2.54						
<b>H9AUVJ</b>	<b>0.034</b>	0.12	0.13	<b>0.016</b>	0.35	0.30	<b>0.019</b>	1.00	0.56
<b>QWMRPA</b>	<b>0.032</b>	0.00	0.05	<b>0.017</b>	0.49	0.40	<b>0.009</b>	-0.25	0.16
<b>WHNRH2</b>	<b>0.031</b>	-0.05	0.21	<b>0.007</b>	-0.91	0.49	<b>0.007</b>	-0.60	0.35

### Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups

Data units: mg/L

	SRW2407	SRW2408	SRW2409
<b>Grand Median</b>	0.032	0.014	0.011
<b>Median Abs Dev</b>	0.006	0.005	0.003
<b>Avg Within Lab SD</b>	0.012	0.004	0.004
<b>Labs Included</b>	7	6	6
<b>Labs Reporting</b>	8	7	7



ALP Program - Participant Web Summary Report - Cycle 55 - Fall 2024