

ALP Program

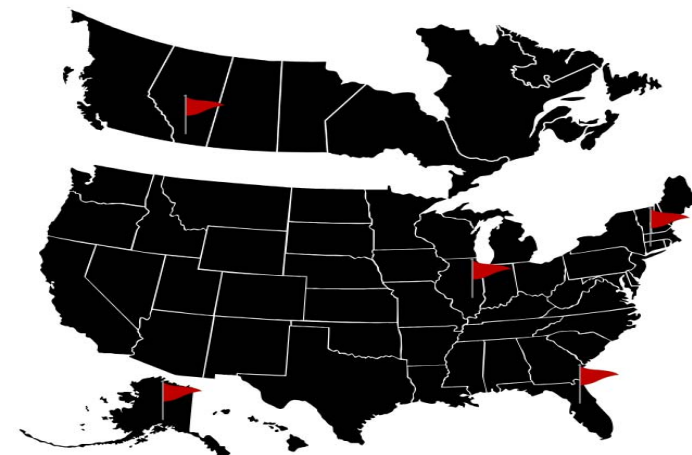
Participant Web Summary Report



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 - Summer 2025 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Summer 2025 (Cycle 57) was completed in July 2025, with participation by 116 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 57 were: SRS2506 Knik silt loam, collected Matanuska-Susitna Cty, AK; SRS2507 Arredondo sand collected Marion Cty, FL; SRS2508 an Occum fine sandy loam collected Litchfield Cty, CT; SRS2509 a Cisne silt loam collected Clay Cty, IL; and SRS2510 a loam collected Magrath, Alberta, Canada. Standard Reference Botanical (SRB) materials for Cycle 57 were: SRB2505 chicory leaves from CO; SRB2506 a potato petiole composite; SRB2507 a eucalyptus leaf composite from CA; and SRB2508 a corn plant GS-V6 from MN. Standard Reference Water (SRW) samples include: SRW2504 from Marion Cty, FL; SRW2505 from Tift Cty, GA; and SRW2506 from Sherman Cty, KS.

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	Cover page
2	Special Topics
5	Soil Analyses
178	Botanicals Analyses
237	Water Analyses





ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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.

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

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...



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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 57 - Summer 2025

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 57 - Summer 2025

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	54.0	0.03	0.45	28.0	0.08	0.53	34.0	0.00		38.3	-0.12	0.34	54.0	0.00	0.62
8AJAKH	51.7	-0.36	2.83	49.2	4.98X	0.35	44.0	1.93	0.17	75.5	6.52X	0.39	51.6	-0.33	1.58
9NV6DJ	56.3	0.42	0.69	31.0	0.77	0.53	38.0	0.77	0.42	41.0	0.36	0.60	60.0	0.84	0.62
BQFQ6X	61.7	1.33	0.61	38.1	2.42	0.45	40.6	1.27	2.33	41.4	0.43	3.80	67.5	1.89	0.83
C2PXBW	58.3	0.76	0.26	30.3	0.62	0.30	37.7	0.70	0.24	40.7	0.30	0.34	56.3	0.33	0.36
DREVPV	59.0	0.87	0.17	27.6	-0.01	0.13	34.9	0.17	0.21	44.2	0.94	0.12	58.6	0.64	0.20
ETMK6D	45.3	-1.45		23.8	-0.89		28.1	-1.14		32.0	-1.26		46.9	-0.99	
J6KUZN	54.6	0.13		28.3	0.15		34.0	0.00		37.3	-0.30		51.6	-0.34	
K2K7X8	50.3	-0.60	0.00	26.3	-0.32	0.00	31.5	-0.48		36.4	-0.47	0.00	52.5	-0.21	
MJVU46	51.3	-0.44	0.01	31.4	0.86	0.01	32.4	-0.31	0.00	34.7	-0.77	0.01	49.9	-0.58	0.07
NYYNB4	56.0	0.37	2.76	27.3	-0.08	0.61	34.0	0.00	1.52	37.3	-0.30	0.34	56.3	0.33	1.90
RQB76X	46.2	-1.29	0.28	24.0	-0.85	0.09	29.8	-0.81	0.17	30.3	-1.55	0.81	44.3	-1.35	0.25
RTJECX	75.0	3.59X	0.32	34.5	1.58	0.44	43.7	1.86	0.17	46.7	1.38	0.32	69.2	2.12	0.18
U6NALD	41.8	-2.04	0.41	22.7	-1.15	0.26	29.7	-0.83	0.06	31.3	-1.37	0.09	47.0	-0.98	2.34
UQ84QD	57.7	0.65	0.26	38.0	2.39	3.99	41.0	1.34	2.34	40.7	0.30	0.91	54.7	0.09	1.30
VDUKAU	57.2	0.56	0.30	25.3	-0.54	0.64	34.3	0.06	1.43	40.4	0.25	0.36	51.5	-0.35	1.03
VGFXGD	53.5	-0.05	0.63	27.8	0.04	0.17	28.7	-1.02	1.14	39.7	0.12	0.66	56.0	0.29	1.15
VLBU2X	53.7	-0.03	0.26	27.7	0.00	0.30	34.3	0.06	0.24	36.7	-0.42	0.34	51.7	-0.33	0.36
WGA6XV	51.1	-0.47	0.27	25.7	-0.45	0.16	30.1	-0.75	0.09	34.1	-0.88	0.03	50.6	-0.48	0.53
X2CMFB	62.9	1.54	0.52	27.7	0.00	0.08	37.1	0.60	0.11	48.9	1.77	0.49	63.8	1.37	0.28
YMELLA	53.2	-0.11	0.13	26.3	-0.31	0.14	33.7	-0.06	0.07	40.2	0.22	0.52	56.4	0.34	0.36



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups					Data units: Percent
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	53.8	27.7	34.0	39.0	54.0
Median Abs Dev	3.1	2.1	3.7	2.4	2.5
Avg Within Lab SD	2.2	1.9	2.4	1.7	1.6
Labs Included	20	20	21	20	21
Labs Reporting	21	21	21	21	21



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH - sp (SubTestCode 102) in the Salinity Property Groups													Data units: Unit		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
6K32WL	5.46	-0.34	0.11	6.54	-0.67	0.23	5.81	-1.09	0.41	4.75	0.02	0.77	7.59	0.96	1.53
78ECH3	5.58	0.09	0.62	6.63	-0.25	1.30	6.17	0.37	1.56	4.64	-0.61	1.34	7.26	-2.11	0.13
8AJAKH	5.20	-1.25	1.88	6.73	0.19	1.32	6.30	0.90	2.07	4.20	-2.94X	2.19	7.83	3.26X	1.33
A9UTFY	5.71	0.53		6.83	0.62		6.21	0.53		4.97	1.17		7.54	0.53	
BQFQ6X	5.77	0.74	0.33	6.74	0.23	0.70	6.11	0.13	0.90	4.95	1.09	0.34	7.66	1.65	0.41
C2PXBW	5.32	-0.82	0.23	6.20	-2.15	0.47	5.86	-0.90	0.32	4.72	-0.14	0.46	7.49	0.09	0.18
DREVPV	5.69	0.47	0.13	6.79	0.44	0.60	6.16	0.32	0.48	4.75	-0.02	0.34	7.39	-0.87	0.41
ETMK6D	7.03	5.13X		7.48	3.49X		7.72	6.67X		6.40	8.81X		8.26	7.23X	
J6KUZN	7.40	6.42X		7.00	1.37		6.90	3.34X		7.30	13.62X		4.60	-26.86X	
K2K7X8	5.91	1.23	0.00	6.90	0.92	0.00	6.25	0.70		5.02	1.44	0.00	7.38	-0.96	0.00
MJVU46	5.31	-0.88	0.06	6.55	-0.61	0.13	5.98	-0.40	0.36	4.51	-1.30	0.13	7.53	0.43	0.30
NDHFTJ	5.12	-1.53		6.17	-2.30		5.35	-2.96X		4.59	-0.85		7.53	0.43	
NYYNB4	5.80	0.84	1.09	6.80	0.48	2.28	6.30	0.90	2.07	4.87	0.62	2.53	7.43	-0.47	3.32
Q7E99Z	5.85	1.03	0.23	6.79	0.44	0.60	6.10	0.09	0.36	4.92	0.91	0.22	7.49	0.03	0.27
RQB76X	5.52	-0.13	0.94	6.66	-0.12	0.95	6.00	-0.30	0.96	4.77	0.11	1.22	7.48	-0.03	1.17
RTJECX	5.75	0.67	0.39	6.75	0.25	0.92	6.21	0.53	0.21	4.98	1.23	0.22	7.38	-0.93	0.35
U6NALD	4.67	-3.11X	1.66	5.43	-5.55X	1.32	5.80	-1.13	0.00	4.50	-1.34		7.50	0.16	
UHGFYW	5.24	-1.10	0.17	6.43	-1.15	0.68	5.78	-1.23	0.12	4.58	-0.91	0.38	7.51	0.22	0.18
UQ84QD	5.54	-0.08	2.09	6.42	-1.20	0.79	5.65	-1.73	1.31	4.69	-0.34	0.46	7.43	-0.50	0.61
VDUKAU	5.88	1.13	2.66	6.80	0.50	1.30	6.40	1.29	0.84	5.04	1.57	1.84	7.43	-0.50	1.21
VGFXGD	5.66	0.35	1.33	6.79	0.44	2.05	6.31	0.95	1.02	4.81	0.32	1.33	7.66	1.65	0.23
VLBU2X	5.35	-0.73	0.60	6.49	-0.89	0.00	5.90	-0.71	1.21	4.71	-0.21	1.33	7.47	-0.09	0.86
WUHVUB	5.58	0.08	0.02	6.69	0.00	0.09	5.99	-0.35	0.02	4.72	-0.17	0.06	7.42	-0.59	0.04
X2CMFB	5.49	-0.24	0.00	6.67	-0.09	0.68	6.03	-0.20	0.36	4.83	0.41	0.25	7.60	1.06	0.93
YMELLA	5.39	-0.60	0.13	6.64	-0.22	0.82	6.06	-0.09	1.18	4.74	-0.07	0.89	7.42	-0.59	0.30



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH - sp (SubTestCode 102) in the Salinity Property Groups					Data units: Unit
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	5.56	6.69	6.08	4.75	7.48
Median Abs Dev	0.20	0.11	0.15	0.11	0.06
Avg Within Lab SD	0.09	0.04	0.05	0.05	0.09
Labs Included	22	23	22	22	22
Labs Reporting	25	25	25	25	25



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4 - sp (SubTestCode 1021) in the Salinity Property Groups														Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
BQFQ6X	0.79		0.77	5.08		1.54	0.82		0.85	0.10		0.00	1.03		1.03	
ETMK6D	4.22			10.28			4.19			1.16			4.24			
VDUKAU	0.60		1.53	1.41		0.78	1.42		1.50	0.19		1.73	1.26		1.39	
WUHVUB	0.08		0.23	0.31		0.05	0.36		0.13	0.09		0.07	0.08		0.12	
PO4 - sp (SubTestCode 1021) in the Salinity Property Groups														Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	0.69			3.25			1.12			0.14			1.14			
Median Abs Dev																
Avg Within Lab SD	0.07			0.39			0.12			0.05			0.20			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

ECe - sp (SubTestCode 103) in the Salinity Property Groups													Data units: dS/m		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
6K32WL	0.32	-0.09	1.06	0.22	-0.37	0.95	1.07	-0.59	1.43	1.10	-0.37	1.32	0.69	-0.12	0.20
78ECH3	0.32	-0.15	0.00	0.25	0.20	0.95	1.17	-0.05	0.22	1.29	0.48	0.18	0.90	1.81	0.78
7LVDBL	0.38	0.75	1.25	0.28	0.75	1.25	1.28	0.53	0.51	1.27	0.38	0.27	0.70	-0.07	0.26
8AJAKH	0.29	-0.54	1.02	0.18	-1.15	2.57	0.78	-2.11	3.48	1.15	-0.14	1.58	0.71	0.07	1.34
A9UTFY	0.33	0.06		0.23	-0.20		1.27	0.48		1.19	0.04		0.78	0.66	
BQFQ6X	0.32	-0.19	0.60	0.21	-0.54	0.88	1.02	-0.87	0.87	1.10	-0.36	2.25	0.55	-1.43	0.53
C2PXBW	0.32	-0.10	0.36	0.24	-0.11	0.47	1.16	-0.11	0.13	1.11	-0.32	0.18	0.66	-0.40	0.15
DREVPV	0.25	-1.21	0.07	0.18	-1.20	0.08	1.26	0.42	0.22	1.40	0.99	0.37	0.85	1.34	0.10
ETMK6D	0.25	-1.20		0.36	2.18		1.18	0.00		1.48	1.33		1.18	4.35X	
J6KUZN	0.40	1.06		0.30	1.06		1.40	1.17		0.80	-1.70		1.30	5.46X	
K2K7X8	0.33	0.05	0.00	0.27	0.51	0.00	0.99	-0.99	0.00	1.22	0.17	0.00	0.83	1.16	0.00
MJVU46	0.58	3.71X	1.44	0.35	1.98	0.09	1.31	0.67	0.07	1.31	0.55	0.10	0.81	0.92	0.16
NYYNB4	0.54	3.11X	25.15	0.25	0.20	0.47	1.06	-0.64	2.22	1.11	-0.30	0.97	0.76	0.46	3.65
Q7E99Z	0.35	0.32	0.51	0.27	0.53	0.80	1.22	0.19	0.43	1.05	-0.58	0.10	0.59	-1.08	0.69
RQB76X	0.39	0.95	1.44	0.27	0.57	0.47	1.31	0.67	0.07	1.40	0.96	1.03	0.72	0.15	0.39
RTJECX	0.24	-1.36	0.04	0.19	-0.97	0.05	0.89	-1.54	0.01	0.99	-0.84	0.07	0.68	-0.28	0.14
U6NALD	0.47	2.11	0.63	0.27	0.44	0.47	1.46	1.49	0.13	1.46	1.26	0.27	0.79	0.76	0.00
UHGFXW	0.36	0.51	0.09	0.24	0.01	0.75	1.35	0.88	0.34	1.40	0.97	0.33	0.67	-0.35	0.61
UQ84QD	0.33	-0.05	0.72	0.23	-0.24	1.42	1.17	-0.04	0.19	1.29	0.48	0.18	0.75	0.36	0.39
VDUKAU	0.22	-1.68	2.11	0.21	-0.52	1.71	0.55	-3.36X	0.64	0.73	-2.02	2.73	0.59	-1.04	1.67
VGFXGD	0.36	0.38	1.91	0.27	0.53	0.99	1.10	-0.41	0.57	1.14	-0.18	0.67	0.72	0.11	0.56
VLBU2X	0.38	0.75	1.25	0.29	0.88	1.42	1.28	0.51	0.45	1.28	0.44	0.18	0.70	-0.10	0.39
WGA6XV	0.36	0.41	0.50	0.24	-0.13	0.00	1.31	0.67	0.90	1.45	1.19	1.33	0.85	1.28	0.50
WUHVUB	0.30	-0.41	0.03	0.23	-0.16	0.05	1.05	-0.69	0.07	1.10	-0.37	0.10	0.60	-1.01	0.08
X2CMFB	0.35	0.30	1.21	0.24	-0.01	0.47	1.21	0.14	0.26	1.17	-0.04	1.20	0.69	-0.17	1.30
YMELLA	0.23	-1.55	1.44	0.13	-2.10	1.42	1.00	-0.97	0.07	0.94	-1.09	0.27	0.59	-1.08	0.68



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

ECe - sp (SubTestCode 103) in the Salinity Property Groups					Data units: dS/m
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	0.33	0.24	1.18	1.18	0.71
Median Abs Dev	0.03	0.03	0.12	0.11	0.06
Avg Within Lab SD	0.02	0.01	0.08	0.06	0.04
Labs Included	24	26	25	26	24
Labs Reporting	26	26	26	26	26



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.33	0.20	1.92	0.87	1.12	0.60	1.00	0.75		0.33	0.09	0.73	7.00	1.08	0.64
8AJAKH	0.28	-0.03	0.31	0.54	-0.11	0.21	0.55	-0.06	0.34				5.00	0.09	0.30
BQFQ6X	0.29	0.03	0.48	0.48	-0.34	0.26	0.34	-0.44	0.20	0.24	-0.17	0.06	2.14	-1.32	0.03
K2K7X8	0.12	-0.73	0.00	0.60	0.11	0.00	0.59	0.00	0.00	0.27	-0.09	0.00	3.96	-0.42	0.00
U6NALD	0.10	-0.79	0.66	0.38	-0.69	0.03	0.23	-0.65	0.00	0.05	-0.69	0.04	1.89	-1.44	0.07
VDUKAU	0.82	2.26	1.25	1.01	1.68	2.35	1.28	1.25	1.02	0.60	0.82	0.48	4.81	0.00	0.48
WGA6XV	1.68	5.95X	2.02	2.46	7.09X	8.16	1.46	1.58	2.19	1.11	2.20	2.29	5.55	0.36	2.50
HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	0.29			0.57			0.59			0.30			4.81		
Median Abs Dev	0.11			0.14			0.36			0.16			0.85		
Avg Within Lab SD	0.06			0.19			0.20			0.16			0.62		
Labs Included	6			6			7			6			7		
Labs Reporting	7			7			7			6			7		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.14	0.56	0.45	0.52	0.90	0.49	1.83	0.99	0.71	0.56	1.82	0.77	0.42	1.88	0.61
8AJAKH	0.12	-0.08	0.24	0.47	0.18	0.73	1.60	0.40	0.04	0.46	0.28	0.23	0.38	1.32	0.49
A9UTFY				0.53	1.03		1.77	0.84		0.44	0.00		0.35	0.89	
BQFQ6X	0.15	0.65	1.12	0.38	-1.03	0.59	1.12	-0.85	1.33	0.45	0.20	1.61	0.27	-0.35	1.10
C2PXBW	0.08	-1.13	0.03	0.42	-0.39	0.28	1.44	-0.01	0.12	0.39	-0.78	0.14	0.26	-0.45	0.33
DREVP2				0.46	0.09	0.29	1.60	0.41	0.71	0.46	0.35	0.17	0.33	0.55	0.30
DREVPV				0.45	0.00	0.72	1.51	0.16	1.14	0.47	0.40	0.61	0.33	0.55	1.10
ETMK6D	0.19	1.75		0.61	2.09		2.29	2.20		0.46	0.31		0.40	1.57	
K2K7X8	0.12	0.00	0.00	0.41	-0.56	0.00	1.15	-0.76	0.00	0.39	-0.74	0.00	0.30	0.07	0.00
NDHFTJ	0.15	0.85		0.15	-4.11X		0.61	-2.16		0.19	-3.83X		0.19	-1.53	
Q7E99Z	0.10	-0.58	0.00	0.44	-0.22	0.33	1.37	-0.19	0.78	0.38	-0.96	0.17	0.24	-0.74	0.00
RQB76X	0.13	0.30	3.03	0.38	-0.94	2.10	1.28	-0.42	2.37	0.41	-0.45	2.78	0.25	-0.64	2.19
U6NALD	0.15	0.83	0.22	0.47	0.22	0.29	1.48	0.09	0.28	0.50	0.86	0.17	0.28	-0.20	1.32
UQ84QD				0.30	-2.06	0.00	1.30	-0.37	0.00	0.40	-0.61	0.00	0.30	0.15	0.00
VDUKAU	0.08	-1.20	0.81	0.42	-0.49	3.02	0.87	-1.50	2.35	0.30	-2.17	1.88	0.25	-0.59	1.58
VGFXGD	0.08	-0.98	0.75	0.41	-0.55	0.36	1.26	-0.48	0.45	0.39	-0.70	0.80	0.27	-0.30	0.68
VLBU2X				0.50	0.63		1.64	0.52	0.72	0.47	0.50	0.66	0.29	0.05	1.88
WGA6XV	0.10	-0.50	0.15	0.52	0.93	0.34	1.70	0.67	0.51	0.51	1.02	0.48	0.37	1.19	0.67
WUHVUB	0.12	-0.08	0.16	0.45	-0.09	0.38	1.27	-0.45	0.28	0.40	-0.62	0.38	0.26	-0.41	0.56
X2CMFB	0.15	0.61		0.48	0.41	0.24	1.45	0.01	0.14	0.44	-0.04	0.77	0.29	-0.05	0.06

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	0.12			0.45			1.44			0.44			0.29		
Median Abs Dev	0.02			0.04			0.18			0.04			0.04		
Avg Within Lab SD	0.03			0.04			0.07			0.03			0.02		
Labs Included	15			19			20			19			20		
Labs Reporting	15			20			20			20			20		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	1.77	-0.01	0.14	1.10	0.00	0.00	3.93	-0.24	0.82	5.87	-0.39	0.96	7.43	0.97	0.24
8AJAKH	1.79	0.04	0.44	0.85	-1.21	0.60	4.09	-0.08	1.07	6.22	0.00	0.35	7.90	1.24	1.69
A9UTFY	1.90	0.29		1.15	0.24		4.85	0.73		6.25	0.03		7.20	0.83	
BQFQ6X	1.44	-0.75	0.20	0.82	-1.37	0.71	3.51	-0.69	0.93	5.20	-1.14	1.76	3.78	-1.20	0.41
C2PXBW	1.82	0.11	0.11	1.06	-0.20	0.30	4.44	0.30	0.28	5.97	-0.28	1.24	5.07	-0.44	0.17
DREVP2	1.72	-0.11	0.04	0.99	-0.54	0.00	4.52	0.38	0.39	7.20	1.08	0.17	7.55	1.04	0.28
DREVPV	1.61	-0.37	0.05	0.91	-0.95	0.42	4.34	0.18	0.13	6.97	0.83	0.51	7.45	0.98	0.11
ETMK6D	1.33	-1.01		1.46	1.79		3.33	-0.88		6.56	0.38		8.38	1.53	
K2K7X8	1.72	-0.11	0.00	1.18	0.39	0.00	3.86	-0.32	0.00	6.19	-0.03	0.00	6.59	0.47	0.00
NDHFTJ	1.28	-1.11		0.49	-2.99X		1.65	-2.67		2.52	-4.10X		3.52	-1.36	
NYYNB4	2.68	2.07	4.38	1.10	0.00	1.82	4.00	-0.17	3.45	5.75	-0.52	0.33	6.73	0.55	3.61
Q7E99Z	1.95	0.41	0.12	1.32	1.06	1.05	4.57	0.44	0.88	5.42	-0.88	0.19	4.84	-0.57	0.21
RQB76X	2.15	0.85	0.21	1.31	1.05	1.11	4.93	0.81	0.53	7.20	1.08	2.90	5.80	0.00	0.21
RTJECX	1.19	-1.31	0.07	0.78	-1.56	0.36	2.89	-1.36	0.07	5.02	-1.33	1.40	6.16	0.21	0.50
U6NALD	2.56	1.79	0.24	1.01	-0.44	0.41	5.78	1.71	0.09	8.16	2.15	0.17	5.69	-0.07	0.29
UQ84QD	1.90	0.29	0.12	1.03	-0.33	0.40	3.99	-0.18	0.18	6.27	0.06	0.67	5.42	-0.23	0.52
VDUKAU	1.33	-0.99	0.13	1.14	0.20	3.38	1.95	-2.35	1.37	3.62	-2.88X	2.89	5.54	-0.16	1.08
VGFXGD	1.47	-0.69	0.39	0.98	-0.56	0.36	3.75	-0.43	0.72	5.33	-0.99	0.86	5.05	-0.45	0.49
VLBU2X	2.05	0.63	0.21	1.27	0.82	0.40	4.52	0.38	0.74	6.47	0.28	0.63	5.09	-0.43	0.83
WGA6XV	2.31	1.23	0.13	1.22	0.58	0.44	4.85	0.73	0.77	7.92	1.88	0.27	7.82	1.19	0.39
WUHVUB	1.50	-0.60	0.08	1.27	0.84	0.83	4.16	0.00	0.21	5.82	-0.45	0.64	4.05	-1.04	0.18
X2CMFB	1.77	0.00	0.10	1.12	0.08	0.21	4.23	0.07	0.43	6.02	-0.22	0.35	5.81	0.00	0.16
YMELLA	2.09	0.73	0.39	0.97	-0.64	0.41	4.53	0.39	0.56	6.37	0.16	0.51	6.73	0.55	0.88



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca - sp (SubTestCode 106) in the Salinity Property Groups					Data units: mmolc/L
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	1.77	1.10	4.16	6.22	5.81
Median Abs Dev	0.28	0.12	0.37	0.40	0.93
Avg Within Lab SD	0.42	0.07	0.28	0.30	0.47
Labs Included	23	22	23	21	23
Labs Reporting	23	23	23	23	23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.77	0.09	0.35	0.50	1.34		3.30	-0.19	0.71	2.90	0.34	0.71	2.13	1.50	0.49
8AJAKH	0.77	0.14	0.41	0.34	-1.41	0.73	3.58	0.15	0.79	2.75	-0.04	0.53	1.92	0.97	0.97
A9UTFY	0.77	0.12		0.43	0.13		4.06	0.74		2.75	-0.04		1.76	0.57	
BQFQ6X	0.75	0.00	0.28	0.40	-0.44	0.84	3.29	-0.21	1.05	2.81	0.11	2.20	1.21	-0.79	0.69
C2PXBW	0.84	0.65	0.24	0.48	0.92	0.20	3.91	0.56	0.80	2.76	-0.03	0.51	1.43	-0.24	0.11
DREVP2	0.69	-0.47	0.07	0.34	-1.36	0.17	4.08	0.76	0.56	3.36	1.50	0.52	1.91	0.94	0.10
DREVPV	0.63	-0.85	0.04				3.63	0.22	0.10	3.02	0.64	0.54	1.85	0.81	0.18
ETMK6D	0.71	-0.28		0.71	4.99X		2.77	-0.84		3.14	0.95		2.75	3.04X	
K2K7X8	0.69	-0.47	0.00	0.40	-0.40	0.00	2.86	-0.73	0.00	2.72	-0.12	0.00	1.73	0.50	0.00
NDHFTJ	0.71	-0.31		0.19	-4.03X		1.44	-2.49		1.18	-4.03X		0.90	-1.57	
NYYNB4	1.11	2.55	4.29	0.44	0.38	1.39	3.36	-0.12	3.26	2.56	-0.54	0.34	1.75	0.55	3.78
Q7E99Z	0.85	0.66	0.28	0.49	1.17	0.00	3.46	0.00	0.35	2.27	-1.25	0.33	1.15	-0.95	0.00
RQB76X	0.88	0.93	0.28	0.49	1.17	1.33	4.16	0.87	0.30	3.28	1.29	2.56	1.51	-0.04	0.28
RTJECX	0.56	-1.36	0.13	0.40	-0.40	0.43	2.52	-1.15	0.75	2.26	-1.28	0.66	1.66	0.33	0.87
U6NALD	1.09	2.40	0.18	0.39	-0.56	0.29	5.07	1.99	0.12	3.71	2.38	0.25	1.43	-0.26	0.05
UQ84QD	0.70	-0.38	0.00	0.43	0.19	1.67	3.40	-0.07	1.08	2.87	0.25	0.41	1.30	-0.57	0.00
VDUKAU	0.52	-1.64	0.09	0.39	-0.50	2.36	1.47	-2.45	1.18	1.51	-3.20X	2.20	1.24	-0.72	1.16
VGFXGD	0.75	-0.05	0.81	0.45	0.40	0.58	3.32	-0.17	0.87	2.58	-0.47	0.73	1.55	0.04	0.88
VLBU2X	0.77	0.09	0.35	0.47	0.77	1.67	3.53	0.09	0.24	2.77	0.00	1.08	1.23	-0.74	0.49
WGA6XV	0.86	0.79	0.04	0.44	0.36	0.04	4.19	0.90	0.71	3.28	1.30	0.14	1.95	1.05	0.00
WUHVUB	0.74	-0.07	0.19	0.41	-0.13	0.09	3.14	-0.39	0.16	2.48	-0.73	0.61	1.28	-0.63	0.54
X2CMFB	0.67	-0.56	0.27	0.36	-1.00	0.16	3.48	0.02	0.29	2.56	-0.52	0.74	1.31	-0.56	0.22
YMELLA	0.85	0.66	0.20	0.40	-0.44	1.10	3.79	0.41	1.17	2.92	0.39	1.57	1.73	0.50	0.70



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg - sp (SubTestCode 107) in the Salinity Property Groups					Data units: mmolc/L
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	0.75	0.42	3.46	2.77	1.53
Median Abs Dev	0.07	0.03	0.33	0.20	0.24
Avg Within Lab SD	0.16	0.03	0.25	0.14	0.12
Labs Included	23	20	23	21	22
Labs Reporting	23	22	23	23	23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na - sp (SubTestCode 108) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.37	-0.09	0.84	0.20	0.00	0.00	1.47	-0.20	0.26	1.23	-0.27	0.61	0.67	0.31	1.07
8AJAKH	0.41	0.41	0.19	0.21	0.15	1.92	2.12	1.63	4.08	1.81	2.11	3.94	0.75	1.00	0.41
A9UTFY	0.38	0.06					1.66	0.35		1.30	0.01		0.71	0.65	
BQFQ6X	0.35	-0.27	0.15	0.18	-0.25	0.38	1.15	-1.09	0.58	1.14	-0.64	0.44	0.47	-1.27	0.67
C2PXBW	0.37	-0.06	0.11	0.19	-0.13	0.17	1.58	0.12	0.11	1.29	-0.01	0.06	0.63	0.01	0.34
DREVP2	0.33	-0.53	0.08	0.17	-0.37	0.00	1.63	0.25	0.13	1.48	0.74	0.11	0.73	0.79	0.11
DREVPV	0.34	-0.42	0.17				1.55	0.03	0.07	1.40	0.44	0.03	0.70	0.55	0.11
ETMK6D	0.55	1.98		0.50	3.70X		2.09	1.56		1.53	0.94		1.01	3.06X	
K2K7X8	0.37	-0.06	0.00	0.22	0.27	0.00	1.29	-0.69	0.00	1.31	0.05	0.00	0.71	0.68	0.00
NDHFTJ	0.25	-1.33		0.11	-1.08		0.74	-2.25		0.69	-2.50		0.56	-0.58	
NYYNB4	0.62	2.74	3.64	0.39	2.36	3.01	1.75	0.61	0.95	1.43	0.57	0.40	0.84	1.70	2.32
Q7E99Z	0.36	-0.13	0.34	0.17	-0.37	0.00	1.39	-0.41	0.18	1.09	-0.86	0.00	0.48	-1.19	0.00
RQB76X	0.44	0.68	1.35	0.20	0.00	1.15	1.54	0.00	0.13	1.40	0.44	0.61	0.63	-0.01	0.65
RTJECX	0.37	0.00	1.07	0.32	1.45	0.58	1.26	-0.79	0.08	1.19	-0.45	0.77	0.62	-0.05	0.71
U6NALD	0.49	1.23	0.08	0.21	0.12	0.00	1.86	0.91	0.09	1.52	0.91	0.08	0.61	-0.12	0.28
UQ84QD	0.41	0.34	0.37	0.36	2.00	0.96	1.32	-0.61	0.74	1.36	0.26	0.55	0.62	-0.04	0.46
VDUKAU	0.28	-1.01	0.74	0.17	-0.37	0.96	0.79	-2.11	0.90	0.87	-1.76	1.04	0.49	-1.14	0.95
VGFXGD	0.53	1.67	0.69	0.39	2.36	0.88	1.46	-0.22	0.42	1.22	-0.31	0.42	0.79	1.33	2.70
VLBU2X	0.45	0.79	0.97	0.33	1.64	0.55	1.58	0.13	0.10	1.36	0.27	0.12	0.62	-0.04	0.85
WGA6XV	0.49	1.27	0.75	0.20	-0.01	0.03	1.84	0.84	0.38	2.39	4.53X	0.10	0.90	2.18	0.94
WUHVUB	0.38	0.02	0.33	0.20	0.03	0.12	1.44	-0.26	0.26	1.07	-0.93	0.25	0.57	-0.50	1.20
X2CMFB	0.35	-0.28	0.24	0.18	-0.21		1.45	-0.24	0.08	1.23	-0.28	0.28	0.56	-0.54	0.24
YMELLA	0.36	-0.13	0.17	0.17	-0.33	0.67	1.61	0.22	0.48	1.27	-0.10	0.20	0.65	0.15	0.47



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na - sp (SubTestCode 108) in the Salinity Property Groups					Data units: mmolc/L
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	0.37	0.20	1.54	1.30	0.63
Median Abs Dev	0.04	0.02	0.15	0.11	0.07
Avg Within Lab SD	0.07	0.05	0.23	0.19	0.05
Labs Included	23	20	23	22	22
Labs Reporting	23	21	23	23	23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SAR - sp (SubTestCode 109) in the Salinity Property Groups													Data units: value		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.37	0.21	1.49	0.20	-0.19	0.00	0.77	0.02	1.24	0.57	-1.10	1.70	0.30	-0.65	0.00
A9UTFY	0.33	-0.25					0.79	0.30		0.61	-0.15		0.34	0.00	
BQFQ6X	0.34	-0.17	0.15	0.23	0.05	0.41	0.65	-1.42	0.66	0.59	-0.59	0.88	0.30	-0.65	0.37
C2PXBW	0.32	-0.33	0.30	0.22	-0.07	0.11	0.77	0.10	0.12	0.62	0.07	0.00	0.35	0.16	0.37
DREVPV	0.30	-0.63	0.00	0.21	-0.12	0.00	0.79	0.26	0.25	0.64	0.58	0.17	0.34	-0.05	0.21
ETMK6D	0.55	2.49		0.48	1.88		1.20	5.19X		0.69	1.65		0.43	1.44	
K2K7X8	0.34	-0.18	0.00	0.25	0.18		0.70	-0.76	0.00	0.62	0.04	0.00	0.35	0.16	0.00
NYYNB4	0.43	1.05	1.49	0.43	1.53	3.00	0.90	1.62	2.15	0.70	1.82	0.00	0.43	1.53	2.13
Q7E99Z	0.31	-0.50	0.41	0.18	-0.31	0.13	0.69	-0.94	0.09	0.54	-1.58	0.37	0.28	-1.02	0.09
RQB76X	0.35	0.00	1.86	0.21	-0.12	1.09	0.72	-0.54	0.22	0.61	-0.08	0.45	0.33	-0.22	0.56
RTJECX	0.50	1.90	0.77	0.44	1.59	0.79	0.76	-0.02	0.13	0.62	0.10	1.61	0.30	-0.60	0.24
UQ84QD	0.35	0.04	0.60	0.43	1.48	1.15	0.68	-0.98	1.59	0.64	0.50	1.28	0.35	0.16	
VDUKAU	0.30	-0.59	1.27	0.20	-0.22	0.60	0.60	-1.94	2.20	0.55	-1.54	2.07	0.26	-1.25	0.85
VGFXGD	0.50	1.91	1.29	0.46	1.75	0.95	0.77	0.11	0.59	0.61	-0.04	1.00	0.44	1.58	2.58
VLBU2X	0.38	0.33	1.22	0.36	0.99	0.52	0.79	0.30	0.57	0.63	0.36	0.45	0.35	0.16	0.64
WGA6XV	0.39	0.48	0.96	0.22	-0.05	0.01	0.86	1.18	0.48	1.01	8.62X	0.31	0.41	1.11	0.97
X2CMFB	0.32	-0.42	0.39	0.19	-0.27	0.34	0.74	-0.30	0.00	0.59	-0.59	0.51	0.30	-0.71	0.21

SAR - sp (SubTestCode 109) in the Salinity Property Groups													Data units: value		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	0.35			0.23			0.77			0.62			0.34		
Median Abs Dev	0.03			0.03			0.04			0.02			0.04		
Avg Within Lab SD	0.04			0.05			0.05			0.03			0.03		
Labs Included	17			16			16			16			17		
Labs Reporting	17			16			17			17			17		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cl - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.32	1.43	0.81	0.61	1.15	0.49	1.65	1.14	2.33	2.44	0.43	0.60	0.87	1.14	0.11
7LVDBL	0.19	-0.68	0.53	0.50	0.05	1.07	1.49	0.64	0.51	2.65	0.86	0.87	0.84	1.01	0.13
8AJAKH	0.18	-0.92	0.03	0.28	-2.21	0.07	1.10	-0.51	0.40	2.15	-0.17	0.70	0.57	-0.28	0.26
BQFQ6X	0.46	3.78X	1.02	0.59	0.95	1.69	0.90	-1.14	1.63	1.88	-0.72	0.83	0.58	-0.24	0.15
K2K7X8	0.29	1.01	0.00	0.55	0.57	0.00	1.04	-0.71	0.00	2.29	0.11	0.00	0.95	1.52	0.00
MJVU46	0.18	-0.89	0.00	0.11	-3.97X	0.00	0.20	-3.25X	0.02	0.11	-4.35X	0.00	0.39	-1.11	3.80
NYYNB4	2.51	37.04X	122.93	0.42	-0.78	0.38	0.97	-0.91	1.33	1.75	-0.99	0.85	0.46	-0.80	0.77
Q7E99Z	0.23	0.03	0.64	0.55	0.53	0.27	1.24	-0.11	0.18	2.07	-0.34	0.10	0.63	0.00	0.16
RQB76X	0.33	1.54	2.64	0.55	0.53	0.94	1.35	0.22	0.51	2.51	0.56	0.93	0.81	0.87	0.34
RTJECX	14.97	239.09X	61.11	1.27	7.99X	9.49	76.79	227.35X	78.65	105.26	211.08X	84.69	19.73	90.57X	8.03
U6NALD	0.27	0.68	0.18	0.59	0.98	0.23	1.60	0.98	0.35	2.86	1.27	0.55	0.80	0.81	0.19
UQ84QD	0.27	0.57	1.77	0.50	0.05		1.47	0.58	1.02	2.50	0.54	0.85	0.80	0.82	0.00
VDUKAU	0.23	-0.03	1.41	0.43	-0.64	1.43	0.60	-2.02	1.17	1.37	-1.77	3.02	0.41	-1.04	1.05
VGFXGD	0.16	-1.22	0.56	0.48	-0.11	2.61	1.23	-0.14	1.12	2.18	-0.11	0.72	0.61	-0.10	0.18
VLBU2X	0.22	-0.19	0.53	0.49	-0.05	0.40	1.32	0.13	0.73	2.32	0.17	0.29	0.70	0.35	0.13
WGA6XV	0.25	0.28	0.53	0.44	-0.54	0.31	1.61	1.01	0.88	3.17	1.92	1.06	0.79	0.79	0.66
WUHVUB	0.23	0.00	0.72	0.38	-1.14	0.58	1.12	-0.47	0.26	2.05	-0.38	0.25	0.61	-0.06	0.13
YMELLA	0.19	-0.67	0.34	0.45	-0.50	0.36	1.31	0.11	0.47	2.02	-0.43	0.42	0.52	-0.52	0.16

Cl - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	0.23			0.50			1.28			2.23			0.63		
Median Abs Dev	0.04			0.05			0.20			0.24			0.17		
Avg Within Lab SD	0.03			0.04			0.06			0.12			0.13		
Labs Included	15			16			16			16			17		
Labs Reporting	18			18			18			18			18		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SO4 - sp (SubTestCode 111) in the Salinity Property Groups													Data units: mmol/L		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
78ECH3	0.42	1.63	0.27	0.47	1.03	0.17	1.88	1.02	0.27	0.80	1.00	0.42	1.68	0.35	0.70
8AJAKH	0.33	0.00	0.96	0.28	-1.89	0.70	1.58	-0.03	0.66	0.74	0.33	0.88	1.52	-0.04	0.63
A9UTFY	0.35	0.37		0.35	-0.82		1.85	0.93		0.71	0.05		1.56	0.06	
BQFQ6X	0.30	-0.64	0.49	0.35	-0.88	0.49	1.08	-1.83	1.23	0.61	-0.93	0.50	1.05	-1.19	0.61
C2PXBW	0.26	-1.38	0.43	0.38	-0.34	0.34	1.67	0.28	0.81	0.66	-0.47	0.59	0.75	-1.92	0.83
DREVP2				0.41	0.05	0.20	1.76	0.60	0.13	0.73	0.25	0.00	1.86	0.79	0.33
DREVPV	0.30	-0.58	0.23	0.41	0.10	0.45	1.60	0.03	0.24	0.70	-0.05	0.40	1.75	0.52	0.32
K2K7X8	0.38	0.92	0.00	0.46	0.89	0.00	1.52	-0.25	0.00	0.86	1.54	0.00	1.80	0.64	0.00
NYYNB4	0.31	-0.38	1.74	0.42	0.27	2.92	1.55	-0.16	2.24	0.65	-0.56	2.01	1.30	-0.57	1.23
Q7E99Z	0.35	0.43	1.77	0.33	-1.19	0.52	1.30	-1.03	0.82	0.56	-1.48	0.60	1.03	-1.24	0.25
RQB76X	0.27	-1.14	0.23	0.35	-0.77	0.10	1.47	-0.41	0.07	0.73	0.29	1.63	1.55	0.04	0.33
RTJECX	0.38	0.91	0.87	0.45	0.64	0.87	1.51	-0.29	1.42	0.76	0.58	0.84	1.40	-0.34	1.05
U6NALD	0.30	-0.58	0.00	0.40	-0.05	0.00	1.67	0.28	0.67	0.70	-0.05	0.00	1.73	0.48	2.33
UQ84QD	0.30	-0.58	0.00	0.40	-0.05	0.00	1.70	0.39	0.00	0.57	-1.41	1.15	1.63	0.24	0.54
VDUKAU	0.32	-0.13	0.59	0.37	-0.52	1.12	0.91	-2.41	1.59	0.74	0.32	1.66	1.01	-1.28	2.03
VGFXGD	0.34	0.13	2.04	0.48	1.16	1.82	1.19	-1.43	1.60	0.53	-1.82	0.33	1.05	-1.20	1.37
WGA6XV	0.41	1.49	0.46	0.49	1.32	0.01	1.79	0.71	0.24	0.74	0.36	0.38	1.91	0.90	0.58
YMELLA	0.34	0.18	1.69	0.41	0.15	1.32	1.61	0.06	0.97	0.64	-0.63	1.79	1.40	-0.34	0.00
SO4 - sp (SubTestCode 111) in the Salinity Property Groups													Data units: mmol/L		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	0.33			0.40			1.59			0.71			1.54		
Median Abs Dev	0.03			0.05			0.11			0.05			0.22		
Avg Within Lab SD	0.04			0.06			0.09			0.05			0.11		
Labs Included	17			18			18			18			18		
Labs Reporting	17			18			18			18			18		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
BQFQ6X	2.85	1.05	1.49	2.09	2.21	2.06	5.58	-0.13	0.21	6.88	0.00	1.46	1.10	1.00	1.58
K2K7X8	2.65	0.84	0.00	1.36	1.35	0.00	7.07	0.44	0.00	9.63	1.01	0.00	1.84	1.77	0.00
UQ84QD	1.40	-0.42	0.34	0.05	-0.18	0.07	5.93	0.00	1.50	7.30	0.15	0.36	0.04	-0.09	0.23
VDUKAU	1.08	-0.74	2.12	0.21	0.00	1.65	2.50	-1.33	2.04	4.16	-1.00	2.12	0.13	0.00	1.69
VGFXGD	0.29	-1.54	0.05	0.02	-0.22	0.03	1.35	-1.78	0.37	1.69	-1.91	0.16	0.00	-0.14	
WGA6XV	1.81	0.00	0.21	0.10	-0.12	0.15	7.70	0.69	0.52	8.52	0.60	0.42	0.06	-0.08	0.12
WUHVUB	1.95	0.14	0.38	0.76	0.65	0.14	6.80	0.34	0.38	6.79	-0.04	0.23	1.72	1.64	0.76
NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	1.81			0.21			5.93			6.88			0.13		
Median Abs Dev	0.73			0.19			1.14			1.64			0.13		
Avg Within Lab SD	0.16			0.08			0.21			0.50			0.05		
Labs Included	7			7			7			7			7		
Labs Reporting	7			7			7			7			7		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B - sp (SubTestCode 113) in the Salinity Property Groups													Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
78ECH3	0.143	1.13	0.16	0.073	2.00	1.15	0.157	2.38	0.76	0.050	0.79	0.63	0.187	2.17	1.42
BQFQ6X	0.237	2.80	3.28	0.017	-0.80	0.43	0.070	-0.98	0.66	0.017	-1.03	0.36	0.047	-0.64	0.35
C2PXBW	0.075	-0.10	0.04	0.025	-0.40	0.09	0.103	0.31	0.21	0.027	-0.46	0.21	0.082	0.07	0.61
K2K7X8	0.076	-0.07	0.00				0.097	0.07	0.00				0.075	-0.07	0.00
Q7E99Z	0.080	0.00	0.10	0.023	-0.47	0.43	0.123	1.09	2.00	0.030	-0.30	1.08	0.043	-0.71	0.35
RQB76X	0.067	-0.24	0.22				0.093	-0.07	1.00				0.057	-0.44	1.28
RTJECX	0.217	2.44	0.19	0.219	9.21X	2.41	0.207	4.34X	0.62	0.207	9.35X	2.72	0.208	2.60	1.46
U6NALD	0.510	7.69X	0.42	0.363	16.36X	0.43	0.437	13.24X	2.30	0.450	22.57X	6.26	1.023	18.99X	13.25
VDUKAU	0.080	0.00	0.33	0.035	0.12	2.26	0.089	-0.23	1.72	0.039	0.21	2.21	0.088	0.18	1.72
WGA6XV	0.083	0.04	0.01	0.031	-0.12	0.56	0.110	0.58	0.72	0.032	-0.21	0.26	0.083	0.09	0.00
WUHVUB	0.054	-0.47	0.07	0.056	1.12	0.55	0.070	-0.97	0.56	0.070	1.89	0.80	0.057	-0.44	0.35
YMELLA	0.087	0.12	0.12	0.040	0.35	0.75	0.093	-0.07	0.38	0.045	0.52	0.83	0.079	0.00	1.24

B - sp (SubTestCode 113) in the Salinity Property Groups													Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.080			0.033			0.10			0.036			0.079		
Median Abs Dev	0.007			0.009			0.01			0.009			0.022		
Avg Within Lab SD	0.096			0.013			0.02			0.016			0.016		
Labs Included	11			8			10			8			11		
Labs Reporting	12			10			12			10			12		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups

Data units: dS/m

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3DWDAP	0.183	1.30	0.40	0.090	0.50	0.00	0.477	1.50	0.64	0.497	0.84	0.84	0.543	0.23	0.28
4NPE46	0.097	-0.58	0.40	0.063	-0.50	1.21	0.280	-0.34	0.42	0.267	-1.85	0.32	0.327	-1.53	0.56
6B2JLJ	0.080	-0.94	0.70	0.050	-1.00	0.00	0.220	-0.91	0.73	0.453	0.33	2.76	0.433	-0.66	2.85
74F2M3	0.123	0.00	0.40	0.077	0.00	1.21	0.423	1.00	0.24	0.423	-0.02	0.32	0.593	0.63	0.28
8KFH2Y	0.150	0.58	0.00	0.090	0.50	0.00	0.400	0.78	0.00	0.507	0.95	0.32	0.563	0.39	0.74
9CJY3G	0.148	0.53	1.20	0.158	3.07X	4.00	0.348	0.29	0.51	0.407	-0.21	1.76	0.445	-0.57	0.90
9NV6DJ	0.130	0.14	0.70	0.070	-0.25	0.00	0.317	0.00	0.64	0.430	0.06	0.55	0.473	-0.34	0.74
A8H7QX	0.080	-0.94	0.00	0.040	-1.38	0.00	0.260	-0.53	0.73	0.363	-0.72	0.32	0.473	-0.34	0.74
AGT9CY	0.190	1.44	0.70	0.120	1.63	2.10	0.290	-0.25	0.42	0.300	-1.46	0.55	0.250	-2.15	0.49
AL4NGF	0.105	-0.40	0.00	0.046	-1.17	0.00	0.249	-0.64	0.00	0.291	-1.56	0.00	0.265	-2.03	0.00
BW3NPE	0.179	1.21	0.04	0.082	0.19	0.32	0.470	1.44	0.09	0.433	0.10	0.13	0.554	0.31	0.13
CXRAZG	0.118	-0.10	0.08	0.062	-0.54	0.49	0.275	-0.39	0.07	0.414	-0.12	0.18	0.479	-0.30	0.08
D64TTE	0.154	0.67	0.35	0.094	0.64	0.68	0.469	1.43	0.72	0.494	0.81	1.03	0.638	1.00	0.79
EA8B4C	0.179	1.20	0.03	0.079	0.08	0.03	0.455	1.30	0.02	0.448	0.26	0.03	0.543	0.22	0.00
GE2RRQ	0.113	-0.22	0.40	0.080	0.13	0.00	0.320	0.03	0.42	0.427	0.02	0.32	0.443	-0.58	0.56
GWF9YP	0.100	-0.50	0.70	0.033	-1.63	1.21	0.205	-1.05	0.21	0.395	-0.35	0.27	0.597	0.66	0.28
LJW6PM	0.157	0.72	4.11	0.077	0.00	3.21	0.347	0.28	3.28	0.493	0.80	0.84	0.587	0.58	1.01
NDHFTJ	0.283	3.45X		0.413	12.66X		1.440	10.55X		1.550	13.15X		0.877	2.93X	
NYYNB4	0.113	-0.22	2.46	0.070	-0.25	2.10	0.303	-0.13	2.12	0.350	-0.88	2.20	0.353	-1.31	2.49
Q7E99Z	0.123	0.00	0.40	0.040	-1.38	0.00	0.257	-0.56	0.24	0.463	0.45	0.63	0.533	0.15	0.56
QMYWKG	0.123	0.00	0.40	0.203	4.77X	1.21	0.277	-0.38	0.24	0.580	1.81	0.00	0.603	0.71	0.28
RTJECX	0.239	2.50	0.04	0.191	4.29X	0.12	0.889	5.38X	0.02	0.994	6.65X	0.21	0.676	1.30	0.27
T4LUYG	0.086	-0.81	0.12	0.096	0.74	0.24	0.366	0.46	0.15	0.376	-0.57	0.22	0.531	0.12	0.20
VCJJMV	0.207	1.80	0.40	0.090	0.50	0.00	0.510	1.82	0.42	0.703	3.25X	0.32	0.590	0.61	0.00
VDUKAU	0.093	-0.65	0.19	0.057	-0.74	0.42	0.239	-0.73	0.68	0.342	-0.97	1.79	0.395	-0.98	0.82
WKAJET	0.145	0.47	0.41	0.101	0.90	0.49	0.251	-0.62	0.71	0.500	0.88	0.53	0.585	0.56	0.13



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
YFTTBA	0.101	-0.47	0.29	0.059	-0.65	0.32	0.370	0.50	0.89	0.432	0.09	0.68	0.475	-0.33	0.18	
YQCCJ9	0.100	-0.50	0.00	0.100	0.88	0.00	0.267	-0.47	2.44	0.400	-0.29	0.00	0.500	-0.12		
YY93BB	0.123	0.00	0.30	0.094	0.67	0.31	0.356	0.37	0.63	0.328	-1.13	1.53	0.496	-0.16	2.50	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median		0.12		0.077		0.32		0.43		0.52						
Median Abs Dev		0.03		0.017		0.06		0.06		0.07						
Avg Within Lab SD		0.01		0.005		0.02		0.02		0.02						
Labs Included		28		25		27		26		28						
Labs Reporting		29		29		29		29		29						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups													Data units: dS/m		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
7LVDBL	0.110	0.18	0.00	0.053	0.35	1.11	0.253	0.04	0.33	0.293	-0.05	0.81	0.307	0.00	0.53
7NY3H2	0.081	-1.04	0.92	0.047	-0.20	0.29	0.247	-0.08	0.33	0.249	-1.10	1.69	0.267	-0.54	0.37
7PULJ3	0.103	-0.11	0.00	0.047	-0.23	0.00	0.255	0.08	0.02	0.294	-0.03	0.00	0.256	-0.69	0.00
83EQ3J	0.117	0.46	1.48	0.050	0.05	0.00	0.247	-0.08	0.33	0.287	-0.20	0.81	0.257	-0.68	1.06
8B9T92	0.066	-1.67	0.09	0.047	-0.20	0.24	0.111	-2.52	0.03	0.306	0.25	0.19	0.475	2.30	0.81
9N9W4E	0.100	-0.24	0.00	0.070	1.88	0.00	0.313	1.12	0.33	0.357	1.45	0.81	0.280	-0.36	0.92
9W2CQX	0.115	0.40	0.40	0.054	0.44	0.29	0.258	0.12	0.09	0.301	0.14	0.21	0.293	-0.19	0.59
A9UTFY	0.113	0.30	0.59	0.053	0.32	0.51	0.261	0.18	0.40	0.307	0.28	0.51	0.294	-0.17	0.76
BGNHEE	0.070	-1.51	0.00	0.040	-0.87	0.00	0.230	-0.38	0.00	0.240	-1.31	1.40	0.413	1.46	1.40
BXCPCC	0.121	0.64	0.42	0.074	2.22	0.10	0.273	0.39	0.03	0.315	0.47	0.08	0.358	0.70	0.00
CQ87TE	0.121	0.63	0.30	0.075	2.34	0.19	0.282	0.56	0.06	0.323	0.65	0.08	0.421	1.56	0.14
DAFX3T	0.135	1.24	1.55	0.103	4.91X	0.19	0.333	1.47	0.54	0.302	0.17	1.31	0.329	0.30	0.35
DREVPV	0.119	0.58	0.15	0.057	0.69	0.19	0.206	-0.82	0.12	0.251	-1.05	0.14	0.250	-0.77	0.14
EA8B4C	0.103	-0.11	0.03	0.048	-0.12	0.01	0.240	-0.20	0.03	0.276	-0.47	0.08	0.349	0.58	0.05
GZGCNQ	0.106	0.00	0.15	0.049	-0.05	0.00	0.256	0.09	0.30	0.320	0.58	0.96	0.399	1.26	1.11
K2K7X8	0.090	-0.66	0.00	0.073	2.16	0.00	0.327	1.37	0.00	0.332	0.87	0.00	0.336	0.40	0.00
KDA3Z7	0.100	-0.24	0.00	0.043	-0.57	1.11	0.230	-0.38	0.00	0.270	-0.60	0.00	0.243	-0.86	0.53
M2UUC4	0.122	0.71	0.24	0.055	0.48	0.32	0.284	0.59	0.51	0.331	0.84	0.51	0.296	-0.14	0.86
NDHFTJ	0.283	7.49X		0.413	33.37X		1.440	21.43X		1.550	29.67X		0.877	7.78X	
NMQQKH	0.113	0.30	0.59	0.043	-0.57	4.29	0.321	1.26	2.52	0.372	1.81	0.53	0.488	2.47	1.81
NYYNB4	0.047	-2.49	2.95	0.040	-0.87	0.00	0.100	-2.72	4.13	0.230	-1.55	2.81	0.313	0.09	3.23
RJCKDX	0.077	-1.23	1.26	0.046	-0.35	0.62	0.235	-0.28	0.38	0.245	-1.18	0.57	0.308	0.01	0.53
RTJECX	0.239	5.65X	0.15	0.191	12.96X	0.11	0.889	11.50X	0.03	0.994	16.53X	0.53	0.676	5.04X	0.51
TMXLZX	0.087	-0.80	0.13	0.045	-0.42	0.26	0.207	-0.79	0.03	0.244	-1.22	0.07	0.276	-0.41	0.09
VLBU2X	0.113	0.32	1.48	0.053	0.35	1.11	0.247	-0.08	0.33	0.297	0.03	0.81	0.293	-0.18	1.40
WJEZDR	0.107	0.04	0.39	0.051	0.09	0.27	0.251	0.00	0.21	0.295	0.00	0.66	0.289	-0.25	0.37



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
ZYLZX8	0.083	-0.96	2.39	0.045	-0.38	0.80	0.181	-1.26	0.26	0.271	-0.58	2.31	0.341	0.47	0.74	

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups					Data units: dS/m
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	0.11	0.050	0.25	0.30	0.31
Median Abs Dev	0.01	0.004	0.02	0.02	0.03
Avg Within Lab SD	0.00	0.005	0.02	0.01	0.01
Labs Included	25	24	25	25	25
Labs Reporting	27	27	27	27	27



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups

Data units: Unit

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	5.40	-1.08	0.00	6.60	-1.07	0.00	6.10	-0.79	0.00	4.93	-0.55	1.41	7.80	-0.19	0.00
2PQHXP	5.56	-0.30	0.35	6.94	0.93	0.27	6.23	0.20	0.09	5.03	0.00	0.28	7.86	0.19	0.12
2PTAQ6	5.74	0.53	0.54	6.58	-1.19	0.40	6.34	1.01	0.45	5.08	0.24	0.75	7.82	-0.08	0.71
3DWDAP	5.50	-0.58	0.13	6.74	-0.26	0.75	6.12	-0.64	0.00	4.97	-0.33	0.51	7.74	-0.56	0.96
3FWQQM	5.73	0.50	0.00	6.96	1.07	0.00	6.31	0.76	0.00	5.26	1.24	0.00	7.88	0.34	0.00
3UG69N	5.45	-0.85	0.13	6.64	-0.85	0.48	6.03	-1.28	0.18	4.81	-1.20	0.51	7.74	-0.58	0.20
4NPE46	5.79	0.81	0.13	6.89	0.67	0.13	6.25	0.32	0.16	5.12	0.46	0.37	7.89	0.41	0.20
6B2JLJ	6.40	3.71X	6.14	6.53	-1.47	3.56	6.10	-0.79	3.14	5.40	2.01	2.44	7.00	-5.45X	2.03
74F2M3	5.20	-2.02	0.27	6.64	-0.85	0.13	6.09	-0.83	0.09	4.93	-0.55	0.14	7.77	-0.36	0.12
7LVDBL	5.43	-0.95	1.05	6.57	-1.27	1.10	6.01	-1.47	0.18	4.76	-1.48	0.70	7.49	-2.25	0.23
7NY3H2	5.77	0.71	0.71	6.83	0.30	1.16	6.17	-0.25	0.18	5.02	-0.05	0.99	7.84	0.08	0.81
7PULJ3	5.83	1.00	0.27	6.87	0.56	0.36	6.15	-0.39	0.33	5.01	-0.11	0.61	7.94	0.71	1.04
83EQ3J	5.61	-0.06	1.80	6.88	0.61	0.13	6.15	-0.42	0.31	4.99	-0.24	0.00	7.87	0.30	0.82
8B9T92	5.20	-2.03	0.00	6.60	-1.07	0.00	6.03	-1.28	0.91	4.80	-1.28	0.00	7.90	0.47	0.00
8KFH2Y	5.70	0.36	0.00	6.70	-0.48	0.00	6.20	-0.05	0.00	5.20	0.91	0.00	7.80	-0.19	0.00
9CJY3G	5.77	0.71	0.81	6.72	-0.38	1.40	6.24	0.25	0.57	5.11	0.40	1.10	7.66	-1.11	0.81
9NV6DJ	5.36	-1.25	0.48	6.65	-0.77	0.23	6.00	-1.50	0.39	4.74	-1.59	0.37	7.60	-1.52	0.65
A8H7QX	5.60	-0.12	0.00	6.87	0.52	1.34	6.23	0.20	0.91	5.07	0.18	1.41	8.00	1.13	
A9UTFY	5.62	-0.02	1.01	6.90	0.71	1.16	6.21	0.00	0.63	4.99	-0.26	0.51	7.77	-0.41	0.12
AH4CLF	5.66	0.18	3.38	6.67	-0.65	2.03	6.21	0.02	1.63	5.03	0.00	1.15	7.82	-0.08	0.12
AL4NGF	5.10	-2.53X	0.35	6.86	0.50	0.36	6.30	0.71	0.18	5.23	1.08	0.42	7.83	0.03	0.12
BN8KJW	5.48	-0.68	0.35	6.70	-0.46	0.27	6.17	-0.27	0.31	4.92	-0.60	0.61	7.79	-0.27	0.65
BNM3KG	5.53	-0.44	1.34	6.73	-0.28	1.34	6.10	-0.79	0.00	4.97	-0.36	1.41	7.83	0.03	1.17
BQFQ6X	5.41	-1.01	2.10	6.66	-0.73	0.48	6.08	-0.95	0.15	4.95	-0.44	0.56	7.94	0.75	0.33
BUBPBF	5.71	0.41	0.70	6.74	-0.22	1.88	6.28	0.52	0.09	5.06	0.15	0.85	7.58	-1.66	2.58
BW3NPE	5.54	-0.42	0.27	6.74	-0.22	0.36	6.11	-0.74	0.18	4.91	-0.68	0.24	7.68	-1.00	0.23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups

Data units: Unit

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
CPW67F				6.94	0.95										
CXRAZG	5.63	0.05	0.56	6.75	-0.17	0.06	6.28	0.55	0.01	5.20	0.90	0.03	7.95	0.81	0.12
D64TTE	5.55	-0.36	0.61	6.80	0.12	0.23	6.13	-0.59	0.33	4.97	-0.35	0.49	7.75	-0.49	0.65
DAFX3T	5.40	-1.08	0.00	6.50	-1.67		6.03	-1.28	0.91	4.80	-1.28	0.00	7.73	-0.62	1.17
DREVPV	5.58	-0.20	0.13	6.92	0.81	0.59	6.24	0.25	0.31	5.07	0.20	0.65	7.90	0.49	0.31
E2JBUU	5.71	0.41	0.23	6.80	0.14	0.13	6.33	0.91	0.27	5.29	1.39	0.28	8.01	1.17	0.12
EA8B4C	5.58	-0.22	0.00	6.84	0.36	0.00	6.16	-0.34	0.00	4.95	-0.46	0.00	7.81	-0.12	0.00
EB22AQ	5.72	0.47	0.81	6.78	0.00	0.47	6.34	0.98	0.41	5.11	0.40	0.28	7.88	0.34	0.70
FEHNLB	5.41	-1.05	0.27	6.66	-0.69	0.13	6.17	-0.27	0.16	4.86	-0.97	0.37	7.85	0.12	0.12
FJE63B	5.41	-1.01	0.13	6.55	-1.35	0.13	6.01	-1.47	0.18	4.80	-1.26	0.14	7.70	-0.87	0.23
GE2RRQ	5.78	0.76	1.65	6.75	-0.18	1.63	6.42	1.60	0.74	5.04	0.04	2.40	7.85	0.12	1.19
GH23MQ	5.44	-0.87	0.35	6.66	-0.71	0.23	6.13	-0.54	0.09	4.86	-0.95	0.00	8.04	1.37	0.12
GWF9YP	5.70	0.36	0.00	6.90	0.71	0.00	6.20	-0.05	0.00	5.05	0.11	1.23	7.90	0.47	0.00
GZGCNQ	5.34	-1.36	0.40	6.65	-0.79	1.32	6.07	-1.01	0.27	4.83	-1.09	1.39	7.71	-0.80	1.44
H69ZKN	5.76	0.63	0.13	6.82	0.26	0.13	6.27	0.49	0.09	5.15	0.66	0.14	7.84	0.08	0.20
HF9LT9	5.76	0.65	0.98	6.92	0.80	0.16	6.25	0.32		5.08	0.23	0.17	7.93	0.67	0.29
KDA3Z7	5.56	-0.30	0.35	6.72	-0.38	0.13	6.25	0.34	0.18	5.06	0.16	0.37	7.69	-0.93	0.62
LJW6PM	5.59	-0.18	0.88	6.83	0.32	0.82	6.22	0.12	0.77	4.98	-0.31	0.51	7.82	-0.03	1.02
LY9Q47	5.73	0.52	1.34	6.87	0.52	1.34	6.30	0.69	0.00	5.30	1.46	4.23	7.97	0.91	1.17
MJEKB4	5.74	0.55	0.61	6.29	-2.91X	0.47	6.24	0.27	0.50	4.97	-0.35	0.24	7.51	-2.07	0.71
NDHFTJ	5.07	-2.66X		6.06	-4.28X		5.75	-3.36X		4.52	-2.81X		7.18	-4.26X	
NMQQKH	5.72	0.45	0.61	6.79	0.08	0.36	6.18	-0.20	0.47	5.04	0.05	0.61	7.81	-0.10	1.12
NYYNB4	5.77	0.68	1.34	6.93	0.91	1.34	6.27	0.44	0.91	5.30	1.46	0.00	7.83	0.03	1.17
PNZBTJ	5.68	0.28	1.10	6.82	0.22	1.50	5.93	-2.01	1.41	4.99	-0.26	0.37	7.93	0.67	3.03
Q2EYXY	5.96	1.59	0.13	6.60	-1.07	0.23	6.25	0.29	0.09	5.02	-0.07	0.24	7.68	-1.00	0.12
Q7E99Z	5.89	1.28	1.86	7.00	1.29	0.59	6.41	1.50	0.57	5.26	1.26	0.56	7.79	-0.25	0.54



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
QMYWKG	5.56	-0.33	1.28	6.67	-0.65	1.42	6.23	0.15	0.65	5.07	0.22	0.56	7.89	0.38	0.96	
R9T6AV	5.45	-0.82	1.28	6.61	-1.01	1.85	6.16	-0.34	0.98	4.90	-0.71	1.96	7.67	-1.02	2.03	
RYQRCG	5.81	0.90	0.36	6.84	0.35	0.38	6.32	0.84	0.08	5.19	0.86	0.38	7.74	-0.59	0.04	
RZ2UXF	5.73	0.50	0.46	6.86	0.48	0.84	6.30	0.69	0.16	5.14	0.57	0.51	7.62	-1.39	0.31	
TMXLZX	5.74	0.57	0.54	6.80	0.10	1.55	6.31	0.76	0.72	5.11	0.44	0.28	7.84	0.05	0.71	
UHGFXW	5.51	-0.53	0.35	6.85	0.42	0.23	6.10	-0.81	0.09	4.85	-1.00	0.24	7.72	-0.71	0.00	
UQ84QD	5.80	0.82	2.79	6.39	-2.32	0.81	6.07	-0.98	0.48	4.92	-0.64	0.61	7.50	-2.18	2.84	
V4VKZW	5.61	-0.06	1.39	6.76	-0.12	0.23	6.18	-0.22	0.09	5.04	0.01	0.12	7.75	-0.54	0.12	
VCJJMV	5.44	-0.89	0.23	6.70	-0.48	0.23	6.21	0.00	0.24	4.90	-0.73	0.00	7.88	0.36	0.12	
VDUKAU	5.81	0.90	0.48	6.83	0.28	2.82	6.29	0.64	1.20	5.31	1.50	3.03	7.92	0.58	1.77	
VLBU2X	5.28	-1.65	1.06	6.42	-2.14	0.62	5.82	-2.87	0.24	4.61	-2.34	0.70	7.36	-3.10	0.42	
WGA6XV	5.70	0.36	0.00	6.90	0.71	0.00	6.37	1.18	0.91	5.20	0.91	0.00	7.97	0.91	1.17	
WKAJET	5.52	-0.52	1.97	6.15	-3.77	6.40	6.14	-0.47	6.04	5.06	0.13	1.25	7.61	-1.46	2.80	
XDAGUT	5.63	0.02	0.23	6.87	0.54	0.84	6.26	0.37	0.63	5.02	-0.07	0.49	8.01	1.17	1.35	
YFTTBA	5.70	0.34	0.13	7.11	1.94	0.67	6.38	1.28	0.41	5.19	0.84	0.28	7.95	0.82	1.12	
YQCCJ9	5.90	1.32	2.32	6.83	0.32	1.34	6.50	2.16	1.57	5.13	0.55	1.41	7.90	0.47	0.00	
YY93BB	5.68	0.28	0.35	6.84	0.34	0.13	6.22	0.07	0.09	5.03	0.00	0.37	7.94	0.73	0.73	
ZDLVE8	5.34	-1.38	0.48	6.71	-0.44	0.59	6.03	-1.33	0.09	4.60	-2.35	0.28	7.54	-1.92	0.23	
pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	5.63			6.78			6.21			5.03			7.83			
Median Abs Dev	0.12			0.09			0.08			0.10			0.09			
Avg Within Lab SD	0.04			0.04			0.06			0.04			0.05			
Labs Included	66			67			67			68			66			
Labs Reporting	69			70			69			69			69			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups

Data units: Unit

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
6FBYQ2	5.82	0.36	1.99	6.41	-1.64	2.23	6.19	-0.58	0.43	5.21	0.38	2.37	7.77	-0.51	2.92
6K32WL	5.75	-0.03	0.72	6.92	0.32	0.39	6.27	-0.02	1.26	5.20	0.36	1.49	7.98	0.20	0.78
7LVDBL	5.56	-1.11	1.09	6.66	-0.66	0.56	6.09	-1.33	1.13	4.94	-1.20	0.68	7.62	-1.03	0.16
9W2CQX	5.77	0.08	0.30	6.85	0.04	0.62	6.31	0.26	0.32	5.18	0.22	0.45	7.78	-0.48	1.22
A9UTFY	5.76	0.03	0.97	6.98	0.53	0.22	6.36	0.60	0.85	5.16	0.09	1.42	7.92	-0.02	0.18
AGT9CY	5.80	0.23	1.46	7.00	0.62	1.94	6.80	3.65X	2.80	5.20	0.34	2.24	8.00	0.26	1.57
BGNHEE	6.01	1.38	0.39	6.66	-0.66	0.68	6.34	0.47	0.16	5.36	1.30	0.47	7.65	-0.93	0.42
BXCPC	5.80	0.23	0.15	6.71	-0.48	0.19	6.26	-0.14	0.32	5.19	0.26	0.34	7.42	-1.70	0.09
CQ87TE	5.74	-0.12	0.22	6.63	-0.80	0.30	6.19	-0.58	0.43	5.06	-0.48	0.22	7.33	-2.03	0.24
DREVPV	5.66	-0.52	0.22	6.96	0.48	0.30	6.23	-0.33	0.28	5.08	-0.36	0.22	7.96	0.13	0.24
EA8B4C	5.70	-0.32	0.00	7.00	0.61	0.11	6.33	0.40	0.16	5.01	-0.77	0.00	7.93	0.02	0.00
FEHNLB	5.69	-0.39	0.17	6.83	-0.04	0.11	6.28	0.00	0.16	4.99	-0.89	0.22	7.99	0.21	0.24
HLD6C8	5.44	-1.77	0.83	6.72	-0.43	0.11	6.19	-0.60	1.22	4.92	-1.30	0.39	7.97	0.16	0.00
JNHB78	5.85	0.50	0.67	6.97	0.51	0.70	6.54	1.81	0.43	5.32	1.06	1.31	8.16	0.80	0.79
K2K7X8	5.81	0.28	0.00	6.62	-0.83	0.00	6.05	-1.58	0.00	5.20	0.34	0.00	8.07	0.50	0.00
M2UUC4	5.79	0.16	0.17	6.92	0.32	0.34	6.32	0.33	0.16	5.16	0.09	0.34	8.15	0.77	0.47
NDHFTJ	5.07	-3.78X		6.06	-2.97X		5.75	-3.67X		4.52	-3.64X		7.18	-2.52	
NYYNB4	5.41	-1.93	1.31	6.48	-1.36	2.05	6.15	-0.86	1.41	4.96	-1.04	0.90	7.92	-0.02	0.66
RJCKDX	5.90	0.78	2.52	7.07	0.88	1.12	6.40	0.86	0.00	5.17	0.15	1.29	7.90	-0.08	1.57
UHGFYW	5.66	-0.53	0.53	6.96	0.48	0.12	6.30	0.14	0.36	5.10	-0.27	0.43	7.92	0.00	0.26
UQ84QD	5.67	-0.47	0.37	6.77	-0.27	0.22	6.37	0.65	1.28	5.00	-0.85	1.10	7.67	-0.85	0.71
VLBU2X	5.45	-1.68	0.73	6.52	-1.21	0.39	5.94	-2.33	0.90	4.82	-1.88	0.98	7.52	-1.37	0.47
X2CMFB	5.59	-0.93	1.90	6.70	-0.51	1.32	6.26	-0.09	0.43	5.13	-0.09	0.26	7.95	0.10	0.33
XDAGUT	5.82	0.34	0.76	6.98	0.53	0.49	6.40	0.84	0.16	5.42	1.65	0.85	8.44	1.74	1.73
ZYLZX8	6.13	2.03	0.70	7.35	1.95	2.32	6.38	0.72	3.49	5.00	-0.83	0.59	8.05	0.42	1.68



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	5.76	6.84	6.28	5.14	7.92	
Median Abs Dev	0.08	0.14	0.08	0.07	0.14	
Avg Within Lab SD	0.07	0.05	0.04	0.04	0.06	
Labs Included	24	24	23	24	25	
Labs Reporting	25	25	25	25	25	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
22LNRM	5.00	-0.68		5.97	-0.77	1.59	5.60	-1.82	0.00	4.57	-0.59	1.53	7.33	-0.39	1.32
4NPE46	5.09	0.51	0.36	6.13	1.13	0.16	5.84	0.89	0.20	4.70	0.72	0.26	7.44	0.58	0.35
7NY3H2	5.07	0.20	1.25	6.11	0.89	0.64	5.75	-0.15	1.25	4.67	0.46	0.55	7.37	-0.05	1.21
9CJY3G	5.14	1.21	1.69	6.11	0.93	1.10	5.83	0.78	0.53	4.75	1.25	1.07	7.28	-0.89	0.46
9N9W4E	5.10	0.59	0.90	6.13	1.21	0.57	5.85	0.97	0.91	4.72	0.92	0.70	7.57	1.86	0.70
BN8KJW	5.10	0.59	0.55	6.03	-0.06	1.15	5.72	-0.52	0.87	4.53	-0.99	1.07	7.30	-0.70	0.23
BNM3KG	5.10	0.64	0.00	6.00	-0.38		5.67	-1.08	2.00	4.57	-0.59	1.53	7.30	-0.70	0.00
EA8B4C	4.96	-1.21	0.00	6.00	-0.42	0.16	5.72	-0.48	0.00	4.52	-1.02	0.15	7.33	-0.39	0.13
EB22AQ	5.00	-0.73	1.49	5.99	-0.50	0.28	5.81	0.56	0.72	4.56	-0.63	0.67	7.45	0.73	0.35
NYYNB4	5.00	-0.68		6.10	0.81	0.00	5.80	0.41	0.00	4.70	0.72	0.00	7.50	1.17	
PNZBTJ	5.04	-0.20	1.35	6.04	0.06	1.77	5.74	-0.30	1.60	4.62	-0.10	1.51	7.44	0.58	2.53
T4LUYG	4.99	-0.86	0.55	5.95	-0.93	1.39	5.78	0.15	1.21	4.64	0.10	1.19	7.38	0.05	0.61

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	5.05			6.03			5.76			4.63			7.38		
Median Abs Dev	0.05			0.07			0.05			0.07			0.07		
Avg Within Lab SD	0.03			0.04			0.03			0.04			0.04		
Labs Included	12			12			12			12			12		
Labs Reporting	12			12			12			12			12		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2506				SRS2507				SRS2508			SRS2509			SRS2510		
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	
6B2JLJ	5.00	-0.14	3.48	5.33	-5.09X	2.31	5.50	-1.27	3.11	4.97	4.28X	1.57	6.03	-7.58X	2.63	
7LVDBL	4.98	-0.46	0.06	5.90	-0.79	0.09	5.61	-0.47	0.54	4.49	-1.62	0.31	7.22	-0.83	0.30	
A9UTFY	5.03	0.23	0.55	6.04	0.28	1.15	5.79	0.86	0.62	4.65	0.37	1.10	7.46	0.51	0.26	
C2PXBW	4.89	-1.60	0.15	5.97	-0.25	0.23	5.68	0.02	0.48	4.55	-0.96	0.42	7.28	-0.47	0.53	
DREVPV	5.03	0.23	0.15	6.06	0.43	0.17	5.65	-0.15	0.95	4.58	-0.54	0.27	7.46	0.55	0.26	
EA8B4C	4.91	-1.37	0.00	5.99	-0.08	0.00	5.70	0.20	0.00	4.54	-1.04	0.00	7.36	-0.04	0.00	
ETMK6D	5.09	1.10	0.41	6.08	0.57	0.11	5.81	1.00	0.88	4.63	0.02	1.73	7.47	0.59	0.00	
GZGCNQ	5.02	0.14	0.00	6.07	0.51	0.23	5.79	0.88	0.18	4.65	0.29	0.16	7.44	0.44	0.50	
HLD6C8	4.96	-0.68	0.19	5.98	-0.18	0.17	5.66	-0.10	0.82	4.49	-1.70	0.57	7.46	0.51	0.40	
Q2EYXY	5.11	1.41	0.06	6.15	1.12	0.09	5.82	1.05	0.18	4.68	0.71	0.27	7.34	-0.15	0.17	
UHGFYW	5.02	0.17	0.08	6.05	0.37	0.55	5.79	0.84	0.33	4.64	0.27	0.30	7.45	0.45	0.56	
UQ84Q2	5.14	1.83	0.50	5.76	-1.83	0.76	5.58	-0.71	0.48	4.70	1.00	2.20	6.98	-2.20	1.79	
UQ84QD	4.98	-0.46	0.95	5.84	-1.22	3.28	5.67	0.00	0.18	4.60	-0.25	1.55	7.20	-0.97	3.01	
VLBU2X	4.99	-0.32	1.04	5.77	-1.73	0.68	5.47	-1.47	0.78	4.34	-3.58X	0.57	7.07	-1.70	0.40	
ZDLVE8	5.01	0.00	0.26	6.01	0.08	0.61	5.52	-1.10	1.00	4.62	0.00	0.83	7.37	0.04	0.60	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups					Data units: Unit
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	5.01	6.00	5.67	4.62	7.37
Median Abs Dev	0.03	0.06	0.11	0.04	0.09
Avg Within Lab SD	0.10	0.07	0.03	0.04	0.06
Labs Included	15	14	15	13	14
Labs Reporting	15	15	15	15	15



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
EA8B4C	4.52		0.00	5.80		0.00	5.33		0.00	4.02		0.00	7.42		1.73	
KDA3Z7	4.64		0.42	5.91		0.31	5.40		0.53	4.09		0.22	6.97		0.06	
VDUKAU	4.71		1.68	5.94		1.70	5.52		1.65	4.35		1.72	7.14		0.08	
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	4.64			5.91			5.40			4.09			7.14			
Median Abs Dev																
Avg Within Lab SD	0.04			0.02			0.02			0.07			0.60			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
3463VM	0.061		0.49	0.040	0.10	1.25	0.120		0.16	0.141		0.76	0.184		0.98	
6FBYQ2	0.055		1.94	0.038	0.00	1.52	0.118		1.98	0.134		1.83	0.171		1.72	
9W2CQX	0.053		0.08	0.030	-0.64	0.36	0.114		0.24	0.132		0.29	0.180		0.28	
CPW67F				0.066	2.02											
HLD6C8	0.050		0.00	0.030	-0.61	0.00	0.100		0.00	0.130		0.00	0.170		0.00	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	0.054			0.038			0.12			0.13			0.18			
Median Abs Dev				0.008												
Avg Within Lab SD	0.001			0.002			0.00			0.00			0.00			
Labs Included	4			5			4			4			4			
Labs Reporting	4			5			4			4			4			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil pH (1:5) 0.01 M CaCl2 (SubTestCode 121) in the Soil pH & EC Property Groups															Data units: Unit			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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
3463VM	4.73		1.00	6.20		1.00	5.51		1.00	4.30		1.00	7.32		1.00			

Soil pH (1:5) 0.01 M CaCl2 (SubTestCode 121) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	4.73			6.20			5.51			4.30			7.32			
Median Abs Dev																
Avg Within Lab SD	0.01			0.03			0.01			0.03			0.02			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
4NPE46	6.50	1.06	0.15	7.07	0.31	0.18	7.12	0.38	0.10	6.74	0.84	0.00	7.38	-0.04	0.32	
6B2JLJ	6.63	1.56	0.88	7.13	1.15	2.04	7.20	1.24	1.66	6.80	1.15	1.39	7.40	0.40	2.11	
7NY3H2	6.30	0.30	2.63	6.93	-1.50	1.84	7.00	-1.01	2.20	6.58	0.03	2.90	7.37	-0.49	0.61	
83EQ3J	6.47	0.96	0.75	7.01	-0.49	0.77	7.19	1.09	0.25	6.68	0.55	0.08	7.59	5.53X	0.00	
ETMK6D	6.06	-0.62	0.96	6.95	-1.35	0.13	6.98	-1.30	0.59	6.38	-1.04	0.30	7.36	-0.67	1.49	
GZGCNQ	6.20	-0.09	0.23	7.08	0.44	0.18	7.11	0.19	0.42	6.58	0.00	0.21	7.42	1.03	0.24	
JNHB78	6.45	0.87	0.69	7.00	-0.62	0.18	7.08	-0.08	0.67	6.71	0.68	0.24	7.44	1.48	0.56	
Q7E99Z	6.22	0.00	0.66	7.06	0.22	0.84	7.09	0.00	0.60	6.53	-0.24	0.50	7.39	0.04	0.44	
RQB76X	6.04	-0.68	0.80							6.39	-0.96	0.42				
RTJECX	5.99	-0.87	0.00	6.65	-5.25X	0.00	6.61	-5.41X	0.00	6.24	-1.73	0.00				
VLBU2X	6.11	-0.42	0.45	7.05	0.00	0.20	7.02	-0.79	0.17	6.54	-0.21	0.21	7.34	-1.21	0.56	
SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median		6.22		7.05		7.09		6.58		7.39						
Median Abs Dev		0.18		0.04		0.07		0.13		0.02						
Avg Within Lab SD		0.07		0.06		0.06		0.07		0.05						
Labs Included		11		9		9		11		8						
Labs Reporting		11		10		10		11		9						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PTAQ6	6.55	0.24	1.94	7.12	-0.48	0.37	7.17	0.00	1.00	6.74	0.70	2.14	7.35	-0.86	0.24
3463VM	6.26	-1.07	0.11	7.21	0.44	0.98	7.24	0.53	1.02	6.60	-0.10	0.47	7.45	0.48	0.64
3DWDAP	6.20	-1.37	0.11	7.19	0.27	0.21	7.09	-0.61	0.70	6.48	-0.82	0.12	7.35	-0.91	0.00
4NPE46	6.60	0.45	0.39	7.19	0.24	0.37	7.25	0.61	0.19	6.86	1.42	0.59	7.47	0.82	0.00
7PULJ3	6.63	0.60	2.24	7.23	0.68	1.07	7.23	0.50	2.55	6.77	0.88	3.11	7.43	0.29	1.22
8B9T92	6.10	-1.80	0.00	7.17	0.00	2.14	7.07	-0.82	1.93	6.40	-1.32	0.00	7.40	-0.19	0.00
A8H7QX	6.57	0.30	1.12	7.27	1.02	2.14	7.23	0.50	1.93	6.83	1.28	1.18	7.50	1.25	
AL4NGF	6.68	0.83	0.22	7.20	0.37	0.21	7.29	0.95	0.33	6.81	1.14	0.00	7.48	0.96	0.42
BQFQ6X	6.37	-0.57	0.99	7.11	-0.59	0.49	7.08	-0.74	0.85	6.60	-0.13	1.15	7.37	-0.60	2.13
E2JBUU	6.50	0.00	0.19	7.09	-0.82	0.21	7.08	-0.69	0.19	6.65	0.18	0.00	7.43	0.19	0.24
EB22AQ	6.59	0.39	0.22	7.13	-0.41	0.77	7.17	0.03	0.84	6.73	0.64	0.59	7.48	1.01	0.24
GE2RRQ	6.40	-0.47	0.59	7.19	0.20	1.19	7.07	-0.82	0.19	6.62	-0.02	0.96	7.45	0.48	1.35
KDA3Z7	6.36	-0.62	0.62	7.18	0.10	0.43	7.07	-0.80	0.33	6.57	-0.32	0.47	7.39	-0.34	0.00
LY9Q47	6.50	0.00		7.30	1.36	0.00	7.20	0.24	0.00	6.60	-0.12	0.00	7.50	1.25	
MJEKB4	6.24	-1.17	0.51	7.00	-1.70		6.97	-1.56	1.02	6.44	-1.08	0.20	7.00	-5.95X	
NYYNB4	6.67	0.75	2.24	7.17	0.00	2.14	7.23	0.50	1.93	6.70	0.48	0.00	7.47	0.77	2.43
QMYWKG	6.31	-0.86	0.51	7.12	-0.51	0.21	7.11	-0.50	0.19	6.49	-0.80	0.12	7.41	0.00	0.24
TMXLZX	6.70	0.90	1.85	7.17	0.07	1.67	7.26	0.69	1.07	6.84	1.32	0.73	7.41	-0.10	0.88
V4VKZW	6.55	0.23	0.19	7.14	-0.32	0.56	7.24	0.52	0.17	6.58	-0.27	0.31	7.35	-0.98	0.21
VDUKAU	6.54	0.17	0.56							6.71	0.54	0.73			
WGA6XV	7.27	3.45X	1.12	7.30	1.36	0.00	7.40	1.83	0.00	7.33	4.29X	1.18	7.50	1.25	
WKAJET	6.42	-0.35	1.62	7.15	-0.20	1.19	7.13	-0.29	1.39	6.62	0.00	1.24	7.37	-0.62	2.11
WUHVUB	6.13	-1.69	0.07	7.15	-0.19	0.30	7.09	-0.60	0.27	6.46	-0.95	0.15	7.34	-1.12	0.23
YFTTBA	6.60	0.44	0.56	7.30	1.36	0.37	7.28	0.90	0.19	6.95	1.96	1.82	7.34	-1.10	0.24
YQCCJ9	6.53	0.15	1.12	7.20	0.34	0.00	7.20	0.24	0.00	6.63	0.08	1.18	7.40	-0.19	0.00
YY93BB	6.45	-0.24	0.59	7.08	-0.92	0.21	7.09	-0.61	0.39	6.63	0.04	0.31	7.37	-0.67	0.64



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
ZDLVE8	6.25	-1.14	0.11	6.95	-2.25	0.43	6.91	-2.07	0.33	6.37	-1.50	0.20	7.17	-3.45X	0.24
ZYLZX8	6.18	-1.44	0.19	6.97	-1.98	1.50	7.16	-0.05	0.70	6.61	-0.08	0.59	7.44	0.43	1.29
Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	6.50			7.17			7.17			6.62			7.41		
Median Abs Dev	0.13			0.04			0.08			0.11			0.05		
Avg Within Lab SD	0.05			0.03			0.03			0.05			0.02		
Labs Included	27			27			27			27			25		
Labs Reporting	28			27			27			28			27		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
KDA3Z7	6.36		1.19	7.18		1.00	7.07		1.00	6.57		0.78	7.39		1.00
VDUKAU	6.50		0.77							6.69		1.18			
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	6.43			7.18			7.07			6.63			7.39		
Median Abs Dev															
Avg Within Lab SD	0.03			0.01			0.01			0.03			0.00		
Labs Included	2			1			1			2			1		
Labs Reporting	2			1			1			2			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
3DWDAP	7.14	-0.64	0.52	7.75	0.32		7.73	0.00	0.00	7.39	-0.40	0.21	7.68	0.00	0.03
7NY3H2	7.23	0.00	0.99	7.73	0.00	1.37	7.68	-0.64	1.57	7.40	-0.26	1.84	7.62	-0.54	0.17
7PULJ3	7.36	0.87	1.76	7.66	-1.34	1.10	7.63	-1.32	1.28	7.47	1.12	0.97	7.43	-2.02	2.22
M2UUC4	7.19	-0.31	0.00	7.81	1.46	0.48	7.78	0.68	0.00	7.41	0.00	0.21	7.74	0.43	0.03
NMQQKH	7.45	1.56	0.79	7.72	-0.25	0.82	7.78	0.73	0.95	7.49	1.59	0.77	7.73	0.38	0.18
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	7.23			7.73			7.73			7.41			7.68		
Median Abs Dev	0.09			0.02			0.05			0.02			0.05		
Avg Within Lab SD	0.03			0.02			0.04			0.03			0.17		
Labs Included	5			5			5			5			5		
Labs Reporting	5			5			5			5			5		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS2506			SRS2507			SRS2508			SRS2509			SRS2510			
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
74F2M3	6.23		0.25	6.85		0.23	6.87		0.30	6.64		0.00	7.15		0.32
7NY3H2	6.40		1.23	6.83		1.53	6.87		0.86	6.57		0.79	7.13		0.80
9CJY3G	6.29		0.65	6.88		0.51	6.88		0.46	6.45		0.96	7.26		0.83
NYYNB4	6.33		1.42	6.77		1.16	6.77		1.72	6.63		1.57	7.17		1.60
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS2506			SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	6.31			6.84			6.87			6.60			7.16		
Median Abs Dev															
Avg Within Lab SD	0.04			0.05			0.03			0.04			0.04		
Labs Included	4			4			4			4			4		
Labs Reporting	4			4			4			4			4		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
3DWDAP	5.83	-0.22	0.00	6.48	1.01	0.00	6.37	0.36	0.00	5.95	0.08	0.34	6.81	0.70	0.00
6B2JLJ	5.73	-0.99	1.10	6.26	-1.61	0.53	6.18	-1.76	1.15	5.84	-1.16	1.10	6.49	-1.79	0.56
9N9W4E	6.04	1.43	0.89	6.41	0.18	0.62	6.35	0.13	0.00	6.08	1.58	0.46	6.72	0.00	0.32
DAFX3T	5.80	-0.46	0.00	6.30	-1.13	0.00	6.27	-0.81	1.75	5.93	-0.08	1.27	6.70	-0.16	0.00
R9T6AV	5.89	0.22	1.80	6.39	-0.06	1.63	6.33	-0.13	1.22	5.92	-0.27	1.34			
TMXLZX	5.95	0.72	0.86	6.40	0.06	1.63	6.41	0.85	0.35	6.02	0.89	1.04	6.81	0.73	2.14
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	5.86			6.40			6.34			5.94			6.72		
Median Abs Dev	0.08			0.05			0.05			0.05			0.09		
Avg Within Lab SD	0.06			0.03			0.03			0.05			0.03		
Labs Included	6			6			6			6			5		
Labs Reporting	6			6			6			6			5		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

H+ cmol/kg (SubTestCode 1261) in the Buffer pH, Lime Requirement Property Groups													Data units: cmol/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
RTJECX	57.5		1.00	63.0		1.00	58.5		1.00	49.7		1.00			

H+ cmol/kg (SubTestCode 1261) in the Buffer pH, Lime Requirement Property Groups													Data units: cmol/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	57.5			63.0			58.5			49.7					
Median Abs Dev															
Avg Within Lab SD	4.1			0.7			0.1			1.8			0.00		
Labs Included	1			1			1			1			0		
Labs Reporting	1			1			1			1			0		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PTAQ6	12.20	-0.84	0.17	4.13	0.48	0.76	37.87	-0.54	0.32	36.63	-0.85	0.10	11.97	-1.05	0.07
3DWDAP	15.70	0.17	0.17	2.80	-0.87	0.25	33.10	-1.82	0.32	41.87	-0.06	0.21	13.40	-0.15	0.00
4NPE46	18.60	1.01	0.33	3.47	-0.19	0.38	41.40	0.40	0.11	48.17	0.89	0.03	13.87	0.15	0.18
64VZ3K	18.38	0.95	0.76	2.58	-1.10	0.27	49.57	2.58X	0.75	64.30	3.34X	1.70	11.94	-1.06	0.63
6B2JLJ	18.47	0.97	0.25	3.37	-0.29	0.52	40.77	0.23	1.06	48.37	0.92	0.39	14.80	0.73	0.42
6FBYQ2	9.35	-1.66	2.47	1.18	-2.51X	0.48	30.95	-2.39	1.60	42.26	0.00	2.87	8.20	-3.41X	0.58
74F2M3	11.20	-1.13	0.33	5.07	1.43	0.29	37.23	-0.71	0.17	37.57	-0.71	0.28	12.93	-0.44	0.35
7NY3H2	14.90	-0.06	2.54	3.12	-0.54	1.45	34.47	-1.45	1.75	37.83	-0.67	1.44	12.23	-0.88	2.57
7PULJ3	12.00	-0.89	0.17	4.63	0.99	0.38	37.50	-0.64	1.48	35.60	-1.01	0.28	10.97	-1.67	0.64
8B9T92	16.17	0.31	0.34	2.30	-1.38	0.25	40.13	0.06	0.69	47.07	0.73	1.61	12.53	-0.69	0.24
8KFH2Y	18.37	0.94	0.25	3.50	-0.16	0.25	41.23	0.36	0.03	49.33	1.07	0.26	14.73	0.69	0.35
9CJY3G	14.83	-0.08	1.44	4.42	0.77	0.90	56.50	4.44X	0.67	55.47	2.00	1.13	16.17	1.59	0.81
A8H7QX	11.83	-0.94	0.48	4.00	0.35		36.67	-0.86	0.62	36.33	-0.90	0.29	11.50	-1.34	0.58
A9UTF2	14.83	-0.08	0.67	2.90	-0.77	0.25	34.17	-1.53	1.43	38.70	-0.54	1.21	12.33	-0.82	0.47
A9UTFY	14.13	-0.28	0.62	2.67	-1.01	0.29	35.87	-1.08	0.63	40.70	-0.24	2.39	12.20	-0.90	1.25
AGT9CY	15.00	-0.03	0.17	3.50	-0.16	0.25	36.13	-1.01	0.14	42.93	0.10	0.08	12.23	-0.88	0.37
AL4NGF	15.60	0.15	0.09	4.52	0.87	0.13	32.06	-2.09	0.09	29.80	-1.89	0.24	11.91	-1.08	0.04
BGNHEE	18.34	0.94	1.26	1.59	-2.10	0.09	40.09	0.05	0.15	45.38	0.47	0.12	14.66	0.64	0.24
BQFQ6X	11.07	-1.16	1.01	3.90	0.24	1.77	36.33	-0.95	1.55	37.57	-0.71	1.24	13.47	-0.10	1.54
BXCPCC	17.48	0.69	0.43	3.74	0.09	0.01	40.69	0.21	0.10	48.79	0.99	0.11	16.07	1.53	0.12
CQ87TE	17.67	0.74	0.04	3.84	0.18	0.04	38.98	-0.25	0.02	46.22	0.60	0.05	16.35	1.71	0.06
CXRAZG	16.76	0.48	0.44	3.47	-0.19	0.11	39.16	-0.20	0.26	45.12	0.43	0.29	12.88	-0.47	0.26
DAFX3T	25.73	3.07X	0.87	4.03	0.38	0.41	74.07	9.13X	1.29	41.97	-0.04	0.20	19.15	3.46X	0.50
E2JBUU	12.80	-0.66	0.03	4.67	1.03	0.04	43.41	0.94	0.07	40.66	-0.24	0.15	13.73	0.06	0.24
GE2RRQ	10.67	-1.28	0.10	3.27	-0.40	0.80	41.13	0.33	0.94	38.37	-0.59	0.71	10.27	-2.11	1.05
GH23MQ	18.54	0.99	0.23	3.13	-0.54	0.20	41.10	0.32	0.13	49.58	1.11	0.17	14.82	0.74	0.15



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
GWF9YP	11.77	-0.96	0.42	2.50	-1.17	1.25	42.17	0.61	0.41	42.50	0.04	0.25	13.75	0.07	0.29
GZGCNQ	17.33	0.65	0.05	3.16	-0.51	0.06	40.70	0.21	0.07	46.89	0.70	0.08	13.83	0.13	0.08
J6KUZN	16.90	0.52		3.50	-0.16		27.00	-3.45X		38.50	-0.57		12.30	-0.84	
LJW6PM	23.54	2.44X	6.02	5.08	1.44	2.59	46.44	1.75	1.12	54.08	1.79	0.57	18.73	3.20X	2.09
LY9Q47	13.10	-0.58	1.14	4.20	0.55	1.50	43.20	0.88	0.37	43.60	0.20	0.35	13.67	0.02	0.71
M2UUC4	17.95	0.82	0.33	4.22	0.57	0.49	40.61	0.19	0.34	46.36	0.62	0.24	15.23	1.00	0.28
MJUV46	12.67	-0.70	0.42	3.90	0.25	0.25	39.80	-0.03	1.57	42.20	-0.01	0.17	14.17	0.33	0.53
NMQQKH	15.21	0.03	2.37	4.37	0.73	1.00	44.48	1.22	2.93	44.53	0.34	1.42	14.23	0.37	1.83
NYYNB4	11.73	-0.97	1.41	3.71	0.06	1.44	40.83	0.25	1.25	41.66	-0.09	1.82	12.96	-0.42	1.28
Q7E99Z	16.37	0.37	2.32	5.17	1.53	2.19	40.97	0.29	1.46	46.83	0.69	2.77	14.13	0.31	4.00
QMYWKG	13.08	-0.58	0.99	5.19	1.56	0.25	38.95	-0.25	0.27	36.78	-0.83	0.05	13.20	-0.27	0.10
RQB76X	16.23	0.33	0.83	4.07	0.42	0.88	38.43	-0.39	0.92	45.10	0.43	1.69	15.00	0.86	
RTJECX	11.92	-0.92	1.19	2.62	-1.05	0.43	28.07	-3.16X	0.41	29.36	-1.95	0.56	7.59	-3.79X	0.29
T4LUYG	15.19	0.03	0.48	2.42	-1.26	0.11	32.49	-1.98	0.11	38.27	-0.60	0.22	11.01	-1.64	0.06
U6NALD	18.30	0.92	1.16	2.67	-1.01	0.63	42.80	0.77	1.51	48.50	0.94	1.45	15.40	1.11	0.12
V4VKZW	17.04	0.56	0.16	8.07	4.48X	0.01	38.93	-0.26	0.46	44.94	0.40	0.43	13.47	-0.10	0.14
VDUKAU	13.47	-0.47	1.28	4.20	0.55	0.90	41.27	0.37	1.02	42.17	-0.01	0.94	13.63	0.00	0.88
WGA6XV	11.50	-1.04	0.83	3.50	-0.16		35.83	-1.09	0.68	35.50	-1.02	0.66	12.83	-0.50	0.88
WKAJET	13.15	-0.56	0.56	4.17	0.52	0.17	41.51	0.43	0.73	38.77	-0.53	0.35	13.50	-0.08	0.59
YFTTBA	17.73	0.76	0.50	3.60	-0.06	0.00	39.90	0.00	0.14	46.60	0.66	0.05	13.87	0.15	0.07
YMELLA	13.62	-0.43	1.56	3.39	-0.27	2.79	38.57	-0.36	1.87	42.20	-0.01	0.49	13.63	0.00	0.52
YY93BB	12.77	-0.67	0.75	4.67	1.03	0.20	39.62	-0.08	0.53	37.21	-0.77	0.44	13.70	0.04	0.11
ZDLVE8	19.00	1.13	0.44	4.30	0.65	2.70	41.70	0.48	1.63	48.60	0.96	1.30	13.87	0.15	2.28
ZYLZX8	18.38	0.95	1.26	3.31	-0.35	0.53	40.05	0.04	0.87	49.57	1.11	1.08	15.42	1.12	0.37



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	15.1	3.66	39.9	42.3	13.6	
Median Abs Dev	2.4	0.54	1.5	4.3	1.1	
Avg Within Lab SD	0.6	0.40	1.9	2.0	0.9	
Labs Included	48	48	45	49	46	
Labs Reporting	50	50	50	50	50	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
2P8P47	16.00	-0.64	1.52	5.33		1.60	30.33	-2.42	0.82	32.67	-2.24	1.88	16.67	0.00	0.89
3463VM	16.33	-0.32	0.35	3.20		0.00	37.17	-0.65	0.60	43.30	0.00	0.20	16.13	-0.12	0.24
78ECH3	18.50	1.77	1.01	5.92		0.66	39.83	0.04	0.80	45.00	0.36	0.29	27.08	2.30	1.38
RJCKDX	16.67	0.00	0.88	2.00			40.67	0.26	1.78	41.33	-0.41	0.58	18.67	0.44	1.47
VLBU2X	17.33	0.64	0.88				39.67	0.00	0.41	45.00	0.36	1.01	14.33	-0.51	0.34
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median		16.7		4.27		39.7		43.3		16.7					
Median Abs Dev		0.7				1.0		1.7		2.0					
Avg Within Lab SD		0.7		0.95		1.4		2.6		1.7					
Labs Included		5		4		5		5		5					
Labs Reporting		5		4		5		5		5					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
8AJAKH	13.43		1.41	3.13		1.40	34.37		1.41	40.23		1.37	11.53		1.37	
WUHVUB	18.17		0.16	3.46		0.18	42.93		0.04	49.20		0.34	15.66		0.33	
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	15.8			3.30			38.6			44.7			13.6			
Median Abs Dev																
Avg Within Lab SD	0.9			0.68			1.7			2.1			0.8			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
VLBU2X	16.67		1.00	3.00			39.33		1.00	42.00		1.00	14.00					

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg	
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510	
Grand Median	16.7			3.00			39.3			42.0			14.0	
Median Abs Dev														
Avg Within Lab SD	1.2			0.00			2.3			2.6			0.0	
Labs Included	1			1			1			1			1	
Labs Reporting	1			1			1			1			1	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PTAQ6	3.80	-1.57	0.45	2.07	0.00	0.13	4.03	-2.02	0.18	10.83	-2.06	0.11	12.20	-1.95	0.40
3463VM	8.23	0.90	0.15	2.53	0.76	0.34	6.27	0.79	1.10	24.13	2.64X	0.47	14.60	-1.01	0.23
3DWDAP	5.97	-0.36	0.15	1.87	-0.33	0.13	5.37	-0.34	0.18	16.00	-0.24	0.19	16.70	-0.19	0.48
4NPE46	7.37	0.42	0.40	2.27	0.33	0.13	5.60	-0.05	0.31	16.80	0.05	0.19	17.63	0.18	0.08
64VZ3K	8.29	0.93	0.65	1.99	-0.13	0.18	6.49	1.07	0.38	19.74	1.09	0.90	19.89	1.06	0.50
6B2JLJ	8.67	1.14	2.11	2.10	0.05	0.22	6.17	0.66	3.28	20.50	1.35	2.25	19.87	1.06	1.55
74F2M3	5.00	-0.90	0.52	2.07	0.00	0.13	5.53	-0.13	0.48	13.57	-1.10	1.26	15.17	-0.79	1.23
7NY3H2	7.43	0.45	1.94	2.84	1.27	5.15	5.61	-0.03	0.77	17.17	0.18	1.07	18.17	0.39	1.88
7PULJ3	5.30	-0.73	0.29	2.30	0.38	0.16	5.90	0.33	0.52	16.27	-0.14	0.57	21.11	1.54	0.91
8B9T92	23.71	9.51X	3.56	17.48	25.26X	2.57	21.91	20.50X	3.30	34.82	6.41X	2.36	35.91	7.35X	1.40
A8H7QX	4.73	-1.05	0.15	1.80	-0.44	0.22	5.03	-0.76	0.18	14.10	-0.91	0.19	15.37	-0.71	0.28
AGT9CY	7.07	0.25	0.40	3.30	2.02	0.22	6.20	0.71	0.31	15.17	-0.53	0.57	17.47	0.11	0.20
AL4NGF	6.59	-0.02	0.05	3.47	2.30	0.02	5.52	-0.15	0.03	16.37	-0.11	0.09	17.02	-0.06	0.10
BGNHEE	0.35	-3.49X	0.00	0.35	-2.81X	0.00	0.41	-6.59X	0.16	1.13	-5.49X	0.09	1.04	-6.33X	0.12
BQFQ6X	5.37	-0.70	0.15	2.71	1.05	0.42	6.06	0.53	0.65	15.43	-0.44	0.60	15.97	-0.47	0.78
BXCPCC	3.64	-1.66	0.03	2.42	0.58	0.03	4.61	-1.30	0.09	9.99	-2.36	0.20	9.43	-3.04X	0.02
CQ87TE	1.64	-2.77X	0.01	0.74	-2.18	0.01	2.86	-3.50X	0.01	5.94	-3.79X	0.01	4.68	-4.90X	0.00
CXRAZG	4.82	-1.00	0.79	1.76	-0.50	0.78	4.25	-1.76	0.50	18.36	0.60	0.59	18.29	0.44	0.63
E2JBUU	4.12	-1.39	0.14	2.67	0.98	0.09	6.81	1.47	0.34	13.58	-1.09	0.31	13.59	-1.41	0.08
GH23MQ	6.98	0.20	0.34	1.64	-0.69	0.15	5.43	-0.27	0.09	17.86	0.42	0.66	17.79	0.24	0.04
GW9F9YP	5.42	-0.67	0.37	2.77	1.15	0.56	7.25	2.03	0.78	16.77	0.04	0.47	18.50	0.52	0.33
GZGCNQ	6.78	0.09	0.04	1.80	-0.44	0.06	5.67	0.03	0.08	16.82	0.05	0.07	17.18	0.00	0.09
LY9Q47	6.76	0.08	3.00	4.03	3.22X	1.61	6.57	1.17	2.53	16.67	0.00	2.78	13.73	-1.35	3.74
M2UUC4	6.65	0.02	0.14	1.66	-0.66	0.15	5.41	-0.29	0.36	17.64	0.34	0.27	17.10	-0.03	0.49
NMQQKH	9.29	1.49	1.45	5.79	6.10X	1.15	12.78	9.00X	12.39	20.42	1.33	1.79	19.50	0.91	0.94
NYYNB4	4.71	-1.06	1.71	1.95	-0.19	0.96	5.88	0.31	1.33	14.33	-0.83	0.99	15.76	-0.56	2.09



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
QMYWKG	4.88	-0.97	0.16	2.59	0.86	0.08	5.31	-0.41	0.24	13.05	-1.28	0.37	15.35	-0.72	0.06	
RQB76X	7.67	0.58	1.50	1.91	-0.26	0.26	6.10	0.58	1.13	18.15	0.53	0.95	17.39	0.08	0.82	
T4LUYG	6.85	0.13	0.26	1.76	-0.50	0.04	8.13	3.14	0.50	12.53	-1.46	0.38	11.59	-2.19	0.14	
VDUKAU	4.70	-1.07	0.69	2.00	-0.11	0.67	5.47	-0.22	0.65	15.40	-0.45	1.60	15.67	-0.59	0.46	
VLBU2X	7.90	0.71	0.45	2.17	0.16	0.13	6.33	0.87	0.18	18.83	0.77	0.60	19.27	0.82	0.31	
WGA6XV	6.33	-0.16	1.27	2.20	0.22	0.29	4.68	-1.21	1.31	16.18	-0.17	1.31	15.60	-0.62	0.35	
YFTTBA	7.11	0.27	0.16	1.89	-0.29	0.03	6.02	0.47	0.25	16.91	0.09	0.19	17.35	0.07	0.10	
ZDLVE8	7.27	0.36	1.57	1.73	-0.55	1.15	5.58	-0.08	1.56	18.40	0.61	0.64	18.10	0.36	0.26	
ZYLZX8	6.15	-0.26	0.58	1.13	-1.53	0.16	5.78	0.18	0.90	17.60	0.33	1.38	18.39	0.48	0.31	
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median		6.62		2.07		5.64		16.7		17.2						
Median Abs Dev		1.23		0.30		0.40		1.5		1.4						
Avg Within Lab SD		0.39		0.45		0.32		0.5		0.8						
Labs Included		32		31		30		31		31						
Labs Reporting		35		35		35		35		35						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	54.8	0.00	0.45	476.4	0.39	0.15	92.6	0.50	0.29	8.9	0.33	0.74	27.0	0.26	0.64
3463VM	48.0	-0.78	0.92	424.3	-0.41	0.63	86.5	-0.06	0.49	11.2	1.60	0.52	29.2	0.78	1.23
3DWDAP	72.1	2.00	0.32	402.0	-0.76	0.86	105.8	1.72	0.96	6.3	-1.15	0.24	4.4	-5.07X	0.26
4NPE46	53.0	-0.21		451.0	0.00	0.10	82.0	-0.48	0.30	8.0	-0.19		27.3	0.34	0.37
74F2M3	50.5	-0.49	0.50	467.3	0.25	0.03	80.4	-0.63	0.26	6.3	-1.17	0.21	21.5	-1.04	0.32
7NY3H2	59.4	0.52	0.64	431.3	-0.30	1.02	87.2	0.00	0.49	7.8	-0.28	0.24	30.7	1.13	0.53
7PULJ3	48.6	-0.71	0.74	450.3	-0.01	0.21	87.8	0.06	0.81	13.5	2.92X	0.50	32.5	1.56	1.82
A8H7QX	66.3	1.33	1.50	570.3	1.85	0.87	86.3	-0.08	0.45	8.3	0.00	0.79	30.3	1.05	0.98
BN8KJW	60.0	0.60	0.83	484.1	0.51	0.13	85.9	-0.12	0.72	8.1	-0.13	0.19	28.2	0.55	0.70
BNM3KG	59.5	0.55	0.43	514.3	0.98	0.19	96.0	0.81	0.30	8.7	0.19	0.26	25.0	-0.21	
BQFQ6X	48.6	-0.72	2.33	428.3	-0.35	1.54	89.2	0.18	3.03	8.7	0.19	0.21	23.3	-0.62	0.24
E2JBUU	51.6	-0.37	0.12	419.5	-0.49	0.07	93.0	0.53	0.09	10.2	1.03	0.37	22.1	-0.88	0.30
EB22AQ	47.9	-0.79	1.14	421.0	-0.46	0.30	91.1	0.36	0.52	9.3	0.53	0.08	23.3	-0.60	0.16
GE2RRQ	51.0	-0.44	0.74	349.3	-1.57	0.45	85.0	-0.20	0.78	9.3	0.57	0.79	28.0	0.50	
H69ZKN	56.2	0.16	0.90	445.0	-0.09		86.9	-0.03	1.08	8.1	-0.16	0.24	23.9	-0.47	0.56
LY9Q47	63.2	0.97	1.77	479.7	0.44	0.32	96.8	0.89	2.87	11.3	1.70	4.20	26.1	0.04	1.08
NYYNB4	55.0	0.02	0.43	521.0	1.08	4.01	95.0	0.72	0.59	7.0	-0.75		17.7	-1.94	1.49
PNZBTJ	62.1	0.84	0.36	554.0	1.59	0.67	98.4	1.03	0.53	8.5	0.10	0.23	28.3	0.57	0.71
Q2EYXY	48.8	-0.69	0.03	381.4	-1.08	0.02	72.6	-1.35	0.12	6.7	-0.95	0.09	22.1	-0.89	0.06
QMYWKG	48.7	-0.70	0.47	471.0	0.31	0.09	87.0	-0.02		9.0	0.38		27.0	0.26	
RQB76X	50.6	-0.49	1.53	391.7	-0.92	0.76	68.2	-1.75	0.69	7.7	-0.34	0.62	25.7	-0.04	1.50
U6NALD	41.7	-1.51	2.23	384.3	-1.03	0.19	62.2	-2.31	0.78	6.9	-0.81	0.14	25.1	-0.19	0.10
V4VKZW	53.0	-0.20	0.00	277.5	-2.68X	0.02	84.6	-0.24	0.03	5.5	-1.60	0.12	24.9	-0.24	0.11
VDUKAU	60.3	0.63	0.52	231.7	-3.39X	0.11	97.4	0.94	1.17	9.0	0.36	0.52	31.3	1.28	2.63
WKAJET	62.7	0.91	0.29	508.9	0.89	0.02	98.4	1.03	0.31	11.1	1.59	0.18	27.7	0.42	0.86
YQCCJ9	63.0	0.95		490.0	0.60		110.3	2.13	0.45	14.3	3.40X	0.79	21.3	-1.07	0.98



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups

Data units: mg/kg

SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
YY93BB	60.3	0.64	0.25	482.0	0.48	0.20	86.7	-0.05	0.17	7.0	-0.75		23.3	-0.60	0.74

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups

Data units: mg/kg

SRS2506		SRS2507		SRS2508		SRS2509		SRS2510	
Grand Median	54.8		451.0		87.2		8.33		25.9
Median Abs Dev	5.5		31.5		5.4		0.93		2.5
Avg Within Lab SD	2.3		20.1		3.4		0.73		1.6
Labs Included	27		25		27		25		26
Labs Reporting	27		27		27		27		27



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	35.3	-0.10	0.30	384.1	0.75	0.60	65.8	-0.28	0.41	4.2	-1.12	0.08	19.1	0.00	0.32
3DWDAP	50.5	1.58	0.10	281.4	-0.32	1.99	74.1	0.63	1.33	4.4	-1.01	0.19	3.1	-3.17X	0.62
3UG69N	32.7	-0.39	0.00	300.9	-0.11	0.90	61.9	-0.71	0.03	4.8	-0.77	0.36	19.7	0.11	1.28
6B2JLJ	39.2	0.33	0.39	345.7	0.35	0.42	85.3	1.88	1.20	8.9	2.00	0.35	13.6	-1.08	0.46
AGT9CY	47.3	1.22	0.09	213.7	-1.02	0.53	67.4	-0.11	0.38	7.4	1.00	0.54	12.4	-1.33	1.00
BUBPBF	33.8	-0.26	0.17	345.9	0.35	1.20	73.8	0.60	0.24	5.4	-0.38	0.11	15.9	-0.63	1.01
BW3NPE										5.2	-0.48	0.04			
CPW67F													49.9	6.07X	
D64TTE	37.4	0.13	0.01	350.7	0.40	0.10	69.3	0.11	0.95	5.9	0.00	0.15	21.3	0.42	0.38
EA8B4C	23.1	-1.44	3.31	375.3	0.66	0.67	78.5	1.12	0.09	6.4	0.32	0.03	14.9	-0.84	0.62
FJE63B	29.9	-0.69	0.06	322.9	0.11	1.63	73.9	0.62	1.43	5.7	-0.13	0.32	23.3	0.83	0.18
Q7E99Z	42.8	0.72	0.76	240.9	-0.73	1.33	61.4	-0.77	1.43	7.5	1.07	3.45	21.6	0.49	1.95
VCJJMV	26.0	-1.12	0.10	153.1	-1.64	0.13	64.7	-0.41	1.84	6.0	0.02	0.44	15.7	-0.67	0.57
XDAGUT	37.1	0.10	0.39	151.7	-1.66	0.30	60.6	-0.86	0.12	6.7	0.49	0.38	24.3	1.03	1.53

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	36.2			311.9			68.4			5.93			19.1		
Median Abs Dev	4.9			51.1			5.6			0.74			3.4		
Avg Within Lab SD	5.2			6.1			1.7			0.65			0.5		
Labs Included	12			12			12			13			11		
Labs Reporting	12			12			12			13			13		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2P8P47	37.3	0.02	5.85	38.0	-0.53	1.06	25.3	-0.41	1.84	8.0	1.47	2.76	21.7	-0.29	2.30
2PQHXP	43.8	0.94	0.25	49.4	0.27	0.09	29.8	0.57	0.57	4.5	-0.62	0.01	25.7	1.25	0.22
3463VM	38.3	0.15	0.92	44.6	-0.07	0.61	25.6	-0.36	0.66	5.2	-0.20	0.29	22.6	0.05	1.07
3DWDAP	39.5	0.33	0.17	45.7	0.02	0.97	29.5	0.50	0.11	5.1	-0.22	1.03	21.4	-0.38	0.04
3UG69N	34.1	-0.44	0.03	32.9	-0.90	0.70	24.5	-0.59	0.35	3.9	-0.92	0.10	21.9	-0.21	0.65
4NPE46	25.3	-1.67	0.22	44.3	-0.08	0.23	22.3	-1.07	0.42	4.3	-0.69	0.80	19.3	-1.18	0.41
6B2JLJ	34.3	-0.40	0.22	49.6	0.29	2.19	26.6	-0.12	1.85	8.3	1.67	2.10	24.9	0.92	2.04
74F2M3	23.5	-1.93	0.32	23.5	-1.57	0.30	46.4	4.20X	0.45	20.8	9.06X	1.17	3.1	-7.36X	0.29
78ECH3	42.8	0.79	0.46	54.7	0.65	0.22	30.8	0.79	1.18	6.6	0.65	0.50	22.9	0.18	0.19
7NY3H2	30.2	-0.99	0.57	45.5	0.00	0.84	27.0	-0.04	0.93	6.5	0.61	1.64	24.1	0.65	1.44
7PULJ3	32.6	-0.65	0.08	67.0	1.52	0.53	30.6	0.74	1.09	6.3	0.48	0.34	23.0	0.22	0.70
8AJAKH	44.2	0.99	1.26	37.0	-0.61	1.25	26.6	-0.14	1.13	9.6	2.43	1.65	28.7	2.39	1.46
8B9T92	35.2	-0.28	0.14	40.6	-0.35	0.17	25.0	-0.48	0.32	3.3	-1.32	1.82	20.6	-0.71	0.94
8KFH2Y	40.3	0.44	0.22	41.3	-0.30	0.23	26.3	-0.19	0.42	6.0	0.29		21.0	-0.54	
9NV6DJ	35.3	-0.27	0.44	53.4	0.56	0.67	27.7	0.11	0.61	5.0	-0.29	0.02	22.7	0.10	0.05
A8H7QX	30.7	-0.92	0.22	65.7	1.43	1.23	29.7	0.54	0.42	6.7	0.69	0.80	22.7	0.09	0.82
A9UTFY	36.4	-0.12	0.64	42.0	-0.25	1.14	24.8	-0.53	0.62	4.4	-0.67	0.48	21.0	-0.53	0.18
AGT9CY	41.6	0.62	0.09	38.9	-0.47	1.06	26.9	-0.06	0.11	7.7	1.30	0.77	22.1	-0.13	0.21
BQFQ6X	36.7	-0.07	0.25	43.9	-0.11	0.99	23.8	-0.75	1.85	5.9	0.25	2.08	22.5	0.02	1.38
BUBPBF	36.8	-0.05	0.22	40.9	-0.33	0.38	28.5	0.29	0.11	5.4	-0.05	0.12	23.9	0.57	0.54
BW3NPE	37.2	0.00	0.34	41.1	-0.31	0.24	28.0	0.18	0.27				25.8	1.28	0.50
BXCPC	42.7	0.77	0.01	54.1	0.61	0.01	33.1	1.28	0.04	6.7	0.72	0.02	25.9	1.31	0.05
CQ87TE	41.7	0.64	0.01	54.1	0.61	0.01	31.9	1.02	0.03	6.0	0.28	0.04	25.6	1.22	0.01
CXRAZG	37.9	0.10	0.28	41.2	-0.31	0.36	26.2	-0.21	0.99	5.2	-0.18	0.61	22.0	-0.18	1.09
D64TTE	49.4	1.72	0.04	70.7	1.79	0.04	44.0	3.68X	0.25	7.5	1.18	0.08	38.6	6.16X	0.61
E2JBUU	34.3	-0.41	0.09	37.8	-0.55	0.17	23.1	-0.91	0.11	7.7	1.31	0.18	19.1	-1.25	0.17



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
EA8B4C	40.6	0.48	0.06	47.3	0.12	0.20	30.5	0.72	0.06	5.6	0.04	0.08	24.3	0.71	0.27
ETMK6D	60.2	3.24X	0.11	76.7	2.21	1.97	41.2	3.06X	1.43	6.3	0.49	1.93	23.5	0.42	2.00
FJE63B	27.4	-1.38	0.29	30.3	-1.08	0.16	19.5	-1.68	0.31	3.2	-1.35	0.10	18.2	-1.60	0.58
GE2RRQ	33.3	-0.54	0.22	40.0	-0.39	0.40	24.0	-0.70	0.73	5.3	-0.10	0.80	21.0	-0.54	0.71
J6KUZN	31.8	-0.76		20.8	-1.75		8.9	-4.01X		3.6	-1.13		19.4	-1.15	
LJW6PM	41.0	0.54	0.78	47.2	0.12	0.65	31.4	0.92	1.82	11.1	3.30X	3.18	25.9	1.31	0.70
MJVU46	31.6	-0.79	0.55	62.0	1.17	0.71	30.4	0.69	0.75	5.0	-0.28	0.35	21.4	-0.41	0.67
NDHFTJ	53.1	2.24		69.5	1.70		34.6	1.63		7.3	1.04		23.1	0.26	
NYYNB4	32.4	-0.68	0.40	48.4	0.20	0.36	25.4	-0.38	1.44	5.4	-0.08	0.85	20.2	-0.84	0.72
Q7E99Z	38.8	0.22	0.80	40.2	-0.38	2.87	20.2	-1.52	2.29	5.2	-0.18	1.09	21.7	-0.29	3.00
QMYWKG	33.7	-0.50	0.22	54.5	0.64	0.20	27.3	0.03	0.42	6.0	0.29		21.0	-0.54	
RQB76X	39.5	0.32	0.54	45.3	-0.01	2.32	27.1	-0.01	0.95	4.7	-0.46	0.42	24.4	0.73	1.50
RTJECX	16.5	-2.91X	0.21	20.0	-1.81	0.64	10.7	-3.60X	0.39	0.3	-3.10X	0.06	6.4	-6.09X	0.18
U6NALD	35.9	-0.18	0.04	35.1	-0.74	1.09	27.3	0.01	1.72	6.3	0.47	0.00	22.9	0.18	0.21
VCJJMV	47.1	1.40	0.07	58.5	0.92	0.35	30.6	0.75	0.16	6.5	0.57	0.36	34.3	4.50X	0.18
VDUKAU	34.8	-0.34	1.67	54.6	0.64	1.87	27.9	0.15	1.37	5.4	-0.04	0.98	22.0	-0.15	0.66
VGFXGD	23.0	-2.00	0.17	33.9	-0.82	0.35	23.1	-0.90	0.15	2.7	-1.68	0.08	19.8	-1.01	0.39
WKAJET	38.7	0.21	0.15	54.0	0.60	0.35	32.4	1.14	0.75	8.0	1.48	0.82	22.3	-0.06	0.24
WUHVUB	38.8	0.23	0.31	54.0	0.60	0.30	36.1	1.96	0.51	6.7	0.73	0.75	27.5	1.93	0.67
XDAGUT	46.5	1.31	0.08	49.4	0.28	0.45	38.2	2.40	0.75	15.3	5.80X	0.22	32.5	3.81X	0.84
YMELLA	34.1	-0.44	0.68	41.5	-0.29	2.23	22.2	-1.10	2.06	5.1	-0.23	0.84	22.4	-0.02	0.19
YQCCJ9	56.0	2.66X	0.38	98.3	3.75X	0.61	45.0	3.90X	0.73	11.0	3.25X	1.38	27.3	1.86	0.41
YY93BB	38.3	0.16	0.22	74.7	2.07	0.46	30.3	0.69	0.42	5.0	-0.30		20.7	-0.67	0.82
ZYLZX8	46.2	1.28	0.95	45.5	0.00	0.96	25.2	-0.43	1.01	5.1	-0.25	0.52	22.4	0.00	0.28



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	37.2	45.5	27.2	5.51	22.4	
Median Abs Dev	3.5	7.8	2.7	0.90	1.4	
Avg Within Lab SD	2.7	2.5	1.4	0.73	1.4	
Labs Included	47	49	44	44	45	
Labs Reporting	50	50	50	49	50	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
3DWDAP	1.40		1.33	6.00		1.30	5.77		0.39	0.67		1.33	8.73		0.72	
JNHB78	1.75		0.47	12.37		0.57	8.55		1.36	0.36		0.48	18.27		1.22	
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	1.58			9.18			7.16			0.52			13.5			
Median Abs Dev																
Avg Within Lab SD	0.07			0.20			0.15			0.04			0.4			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P M. Morgan ICP (SubTestCode 1362) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509			SRS2510		
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		
DAFX3T	6.0			20.7		1.00	19.0			1.0			32.0		1.00		

PO4-P M. Morgan ICP (SubTestCode 1362) in the Phosphorus and Sulfur Property Groups											Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510						
Grand Median	6.00	20.7	19.0	1.00	32.0						
Median Abs Dev											
Avg Within Lab SD	0.00	0.6	0.0	0.00	1.0						
Labs Included	1	1	1	1	1						
Labs Reporting	1	1	1	1	1						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
A9UTFY	26.5		1.35	295.7		1.22	64.6		1.02	4.3		1.33	26.2		1.37	
ZYLZX8	48.1		0.43	211.7		0.71	63.4		0.98	6.6		0.47	29.3		0.36	
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	37.3			253.7			64.0			5.46			27.8			
Median Abs Dev																
Avg Within Lab SD	2.5			18.3			3.4			0.64			2.5			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510			
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	
3463VM	122.5	-0.38	0.22	553.3	-0.33	0.50	126.4	-0.32	1.33	11.2	-0.44	0.48	87.7	0.53	0.45	
3DWDAP	127.4	-0.19	0.73	673.0	0.27	1.58	134.5	0.32	0.65	11.2	-0.44	1.68	69.1	-0.90	0.45	
4NPE46	95.7	-1.38	0.20	681.3	0.31	0.57	120.7	-0.78	0.49	12.7	0.20	1.34	56.0	-1.91		
74F2M3	159.8	1.02	1.07	974.7	1.78	2.05	139.8	0.74	0.71	11.7	-0.20	0.27	64.5	-1.26	1.15	
BQFQ6X	145.0	0.47	0.35	567.7	-0.26	1.20	121.3	-0.72	0.54	12.9	0.30	0.40	81.5	0.05	0.53	
E2JBUU	155.0	0.84	0.05	568.0	-0.26	0.31	140.5	0.80	0.21	14.9	1.16	0.42	83.3	0.19	0.21	
LY9Q47	182.7	1.87	1.90	544.7	-0.37	0.74	145.3	1.18	0.14	11.1	-0.46	1.54	98.5	1.36	0.25	
NYYNB4	119.8	-0.48	1.71	124.5	-2.48	0.38	111.1	-1.53	2.52	10.1	-0.90	1.06	80.6	-0.01	2.37	
QMYWKG	131.0	-0.06	0.91	670.3	0.26	0.58	128.2	-0.18	0.10	13.0	0.34		74.2	-0.51	0.95	
WKAJET	134.1	0.06	0.85	702.2	0.42	0.44	132.7	0.18	0.60	17.6	2.30	0.51	81.0	0.01	0.61	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups	Data units: mg/kg				
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	132.6	619.2	130.5	12.2	80.8
Median Abs Dev	12.6	64.0	9.3	1.0	6.8
Avg Within Lab SD	2.9	10.2	4.2	0.4	1.8
Labs Included	10	10	10	10	10
Labs Reporting	10	10	10	10	10



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2P8P47	5.00	-0.38		3.67	1.17	3.52	14.67	2.63	0.88	13.67	1.59	2.04	151.00	57.89X	7.31
2PTAQ6	6.87	0.09	0.26	3.37	0.92	0.48	9.00	-0.01	0.46	9.30	0.17	0.27	11.63	0.30	0.36
3463VM	4.44	-0.52	0.18	2.03	-0.19	0.22	9.75	0.34	0.16	9.25	0.16	0.29	11.33	0.18	0.41
6B2JLJ	12.13	1.43	0.98	3.07	0.67	1.06	11.53	1.17	1.57	20.30	3.74X	2.08	16.33	2.25	0.91
74F2M3	7.00	0.13	1.70	3.33	0.89	1.33	10.33	0.61	0.88	11.33	0.83	1.54	14.00	1.28	1.11
9CJY3G	12.47	1.51	0.52	12.67	8.65X	0.81	10.33	0.61	0.69	6.96	-0.58	0.65	7.58	-1.37	0.26
A8H7QX	3.33	-0.80	0.98	3.33	0.89	1.33	9.00	-0.01	1.53	6.67	-0.68	0.77	8.33	-1.06	0.64
A9UTFY							8.27	-0.35	0.62	7.43	-0.43	0.80	11.13	0.10	0.74
BQFQ6X	7.29	0.20	0.41	3.28	0.85	0.69	8.74	-0.13	0.43	10.25	0.48	1.01	9.60	-0.54	0.80
CPW67F	18.95	3.16X													
CXRAZG	9.10	0.66	0.28	2.10	-0.13	0.13	9.36	0.16	0.11	12.60	1.24	0.40	10.41	-0.20	0.15
E2JBUU	6.46	-0.01	0.19	3.85	1.32	0.14	8.66	-0.17	0.07	8.12	-0.21	0.05	9.46	-0.59	0.10
ETMK6D	9.80	0.84	3.18	1.74	-0.43	0.68	6.26	-1.28	2.71	11.19	0.78	2.49	13.21	0.95	3.29
GE2RRQ	2.54	-1.01	0.48	2.31	0.04	1.04	10.03	0.47	0.92	7.91	-0.28	0.27	10.83	-0.03	0.11
HF9LT9	7.64	0.29	0.00	1.78	-0.40	0.00	8.13	-0.41	0.00	9.67	0.29	0.00	11.08	0.07	0.00
K2K7X8	6.50	0.00		1.70	-0.46	0.00	8.07	-0.44	0.00	8.29	-0.16	0.00	10.90	0.00	0.00
LY9Q47	6.53	0.01	0.72	3.11	0.71	0.11	8.49	-0.25	0.13	9.64	0.28	1.39	9.42	-0.61	0.64
NDHFTJ	28.70	5.63X		32.87	25.43X		12.62	1.68		12.62	1.25		25.45	6.01X	
NMQQKH	10.22	0.94	0.40	10.77	7.07X	2.34	16.82	3.63X	0.78	14.19	1.76	0.37	23.42	5.17X	1.32
Q7E99Z	1.67	-1.23	1.97	1.00	-1.05		4.33	-2.18	2.34	6.00	-0.90	1.33	8.00	-1.20	1.11
QMYWKG	8.29	0.45	0.26	4.45	1.82	0.22	8.97	-0.02	0.22	7.88	-0.29	0.10	10.22	-0.28	0.11
RTJECX	14.14	1.94	0.17	4.14	1.57	0.49	13.81	2.23	1.38	13.47	1.52	1.81	27.06	6.68X	0.68
VLBU2X	2.29	-1.07	0.05	1.79	-0.39	0.15	9.03	0.01	0.19	7.23	-0.50	0.47	11.43	0.22	0.32
WGA6XV	6.49	0.00	0.06	1.92	-0.28	0.22	9.12	0.05	0.18	9.72	0.31	0.38	12.74	0.76	0.34
WKAJET	2.21	-1.09	0.15	1.96	-0.25	0.11	9.62	0.28	0.12	6.55	-0.72	0.18	10.89	0.00	0.23
YQCCJ9	2.00	-1.14		1.67	-0.49	1.33	8.67	-0.16	0.88	5.67	-1.00	0.77	18.00	2.93	2.23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
YY93BB	5.78	-0.18	1.21	2.26	0.00	0.69	5.15	-1.80	0.91	6.37	-0.78	0.95	10.62	-0.12	1.09
ZYLZX8	2.80	-0.94	0.07	1.56	-0.58	0.06	9.22	0.09	0.11	7.68	-0.35	0.41	12.01	0.46	0.16
SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	6.50			2.26			9.01			8.77			10.9		
Median Abs Dev	2.60			0.70			0.74			1.67			1.1		
Avg Within Lab SD	0.59			0.43			0.65			0.75			0.9		
Labs Included	25			23			26			26			23		
Labs Reporting	27			26			27			27			27		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	56.0	-0.59	0.54	88.4	1.28	0.18	217.1	0.25	0.51	138.9	-1.17	0.32	321.7	-0.41	0.15
2P8P47	70.0	0.11	1.40	63.7	-0.78	0.85	178.0	-1.99	1.79	168.7	-0.15	0.15	327.0	-0.28	0.24
2PQHXP	76.6	0.44	0.34	86.1	1.09	1.04	221.8	0.53	0.16	220.4	1.62	0.01	402.1	1.67	0.54
3463VM	67.7	-0.01	0.67	63.0	-0.83	0.34	216.7	0.23	0.16	182.7	0.33	0.15	361.3	0.61	0.20
3DWDAP	91.0	1.16	1.40	60.0	-1.08	2.56	210.0	-0.15	1.30	180.3	0.25	1.00	445.3	2.79X	1.28
3UG69N	84.9	0.85	0.35	68.8	-0.35	0.25	223.1	0.60	0.18	188.5	0.53	0.31	348.8	0.29	0.12
4NPE46	52.8	-0.75	0.73	86.6	1.13	0.84	212.2	-0.03	0.25	157.8	-0.52	0.18	334.2	-0.09	0.30
6B2JLJ	82.3	0.73	1.82	73.9	0.08	1.59	226.0	0.76	1.13	198.3	0.87	1.34	370.0	0.84	1.45
74F2M3	36.7	-1.56	1.44	65.0	-0.67		188.0	-1.41	0.84	148.3	-0.84	1.13	317.7	-0.52	1.87
78ECH3	97.0	1.46	0.32	77.0	0.33	0.34	220.0	0.42	0.21	196.0	0.79	0.13	385.0	1.23	0.37
7NY3H2	75.7	0.40	1.48	70.0	-0.25	0.49	222.7	0.57	1.25	189.0	0.55	0.46	347.0	0.24	0.32
7PULJ3	46.8	-1.05	0.21	77.5	0.37	1.67	183.7	-1.66	0.96	146.4	-0.91	0.21	281.5	-1.45	0.38
8AJAKH	128.7	3.05X	1.88	138.0	5.41X	1.80	285.7	4.19X	0.83	230.0	1.95	0.59	369.3	0.82	0.59
8B9T92	54.4	-0.67	0.26	53.7	-1.60	0.34	173.5	-2.25	0.39	141.8	-1.07	0.42	280.1	-1.49	0.12
8KFH2Y	78.3	0.53	0.67	74.7	0.14	0.52	209.7	-0.17	0.65	190.0	0.58	0.39	348.3	0.28	0.64
9CJY3G	70.1	0.11	0.64	84.3	0.94	0.99	212.2	-0.02	0.51	176.7	0.13	0.39	379.9	1.09	0.86
9NV6DJ	78.7	0.54	0.49	59.0	-1.17	0.34	202.3	-0.59	0.33	174.3	0.05	0.41	337.7	0.00	0.33
A8H7QX	52.3	-0.77	0.49	83.3	0.86	0.52	218.3	0.32	0.70	154.0	-0.65	0.52	327.0	-0.28	0.83
A9UTFY							230.0	0.99		210.0	1.27		400.0	1.61	2.12
AGT9CY	67.4	-0.02	0.20	68.4	-0.38	0.17	206.0	-0.38	0.39	180.0	0.24	0.34	354.3	0.43	0.68
BN8KJW	57.4	-0.52	0.69	86.2	1.10	0.46	223.5	0.62	1.05	152.3	-0.71	0.29	320.4	-0.45	0.32
BNM3KG	58.5	-0.47	0.28	91.5	1.54	0.45	221.5	0.50	0.61	144.3	-0.98	0.91	293.0	-1.16	0.47
BQFQ6X	53.1	-0.73	2.03	81.0	0.67	2.11	205.9	-0.39	0.47	145.4	-0.95	0.40	315.0	-0.59	0.29
BW3NPE	83.0	0.76	0.51	65.7	-0.61	0.41	218.2	0.32	0.16	198.9	0.89	0.32	387.2	1.28	0.38
BXCPCC	63.5	-0.22		55.4	-1.47	0.12	182.7	-1.72	0.06	156.3	-0.57	0.07	299.0	-1.00	0.08
CQ87TE	72.4	0.23	0.01	66.3	-0.56	0.02	220.7	0.46	0.06	181.0	0.27	0.13	343.7	0.16	0.09



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
CXRAZG	114.7	2.35X	1.16	119.3	3.86X	3.11	192.5	-1.16	1.06	183.4	0.36	0.65	354.2	0.43	0.27
D64TTE	82.6	0.74	0.65	67.5	-0.46	0.47	212.8	0.01	0.91	192.4	0.66	0.34	371.1	0.87	1.15
E2JBUU	53.1	-0.74	0.09	81.0	0.66	0.21	221.8	0.52	0.16	134.6	-1.32	0.05	317.3	-0.53	0.10
EA8B4C	81.0	0.66	0.97	66.2	-0.57	0.00	225.9	0.76	0.31	197.9	0.85	0.00	368.3	0.79	0.24
EB22AQ	53.4	-0.72	0.50	79.1	0.51	0.31	208.0	-0.27	0.32	141.3	-1.08	0.27	303.3	-0.89	0.17
ETMK6D	85.9	0.91	0.13	74.8	0.15	0.11	245.1	1.86	0.91	206.1	1.13	0.91	415.5	2.01	0.59
FJE63B	79.3	0.58	0.44	60.5	-1.04	0.47	238.4	1.47	0.31	201.4	0.97	0.12	409.6	1.86	0.32
GE2RRQ	47.7	-1.01	0.92	78.7	0.47	0.39	208.0	-0.27	0.39	146.7	-0.90	0.88	292.7	-1.16	0.39
GZGCNQ	67.9	0.01	0.42	63.9	-0.76	0.97	208.6	-0.23	0.20	173.0	0.00	0.04	332.1	-0.14	0.08
HF9LT9	59.3	-0.42	0.08	43.7	-2.44X	1.63	167.6	-2.58X	0.10	177.6	0.16	0.40	342.6	0.13	0.78
J6KUZN	89.0	1.06		73.0	0.00		224.0	0.65		194.0	0.72		355.0	0.45	
JNHB78	84.0	0.81	2.18	68.6	-0.37	1.96	230.4	1.02	3.46	149.4	-0.81	5.61	328.4	-0.24	3.91
K2K7X8	60.2	-0.38	0.00	60.8	-1.02	0.00	201.0	-0.67		156.0	-0.58		335.0	-0.07	
KDA3Z7	91.0	1.16	0.72	70.2	-0.23	0.00	221.0	0.48	0.24	189.8	0.58	0.29	369.2	0.82	0.36
LJW6PM	68.0	0.01	0.55	65.3	-0.64	0.20	196.3	-0.94	0.59	180.7	0.26	0.15	360.7	0.60	0.88
LY9Q47	52.0	-0.79	0.85	83.5	0.87	2.00	217.7	0.29	0.69	148.2	-0.85	1.59	316.0	-0.56	0.63
MJVU46	43.4	-1.22	0.84	72.8	-0.02	0.87	201.7	-0.63	0.59	133.2	-1.36	0.32	322.2	-0.40	2.32
NDHFTJ	81.6	0.69		92.0	1.58		185.9	-1.53		199.3	0.90		335.6	-0.05	
NYYNB4	47.1	-1.04	0.87	85.6	1.04	2.40	228.1	0.88	0.68	159.6	-0.46	1.22	342.7	0.13	0.81
PNZBTJ	49.9	-0.90	0.42	79.5	0.54	1.22	216.7	0.23	0.85	156.9	-0.55	0.89	325.3	-0.32	0.40
Q2EYXY	42.5	-1.27	0.07	77.4	0.37	0.13	186.4	-1.50	0.06	156.8	-0.55	0.04	304.7	-0.85	0.09
Q7E99Z	78.2	0.52	0.61	73.5	0.04	1.10	228.3	0.90	0.16	193.1	0.69	0.36	366.2	0.74	0.23
QMYWKG	48.3	-0.97	0.18	79.3	0.53	0.52	204.7	-0.46	0.12	144.3	-0.98	0.20	308.7	-0.75	0.09
RQB76X	70.3	0.13	2.45	66.3	-0.55	1.53	223.0	0.59	3.19	172.7	-0.01	1.76	341.3	0.09	2.08
RTJECX	83.9	0.80	0.82	67.9	-0.42	0.16	206.8	-0.34	0.32	172.5	-0.02	0.65	388.1	1.31	0.47
U6NALD	5,210.3	257.32X	430.93	70.0	-0.25	1.02	203.3	-0.54	0.70	174.7	0.06	0.07	382.0	1.15	1.44



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
VDUKAU	50.0	-0.89	3.34	77.0	0.33	2.38	212.7	0.00	3.16	164.0	-0.31	1.57	336.3	-0.03	2.03
VLBU2X	89.1	1.07	1.38	69.8	-0.26	0.82	230.5	1.02	0.82	196.5	0.81	1.70	361.9	0.63	1.17
WKAJET	47.1	-1.04	0.30	78.8	0.48	0.34	206.1	-0.38	0.51	140.8	-1.10	0.90	299.1	-1.00	0.79
WUHVUB	67.8	0.00	0.32	63.9	-0.76	0.73	201.8	-0.62	0.31	166.4	-0.22	0.32	327.4	-0.27	0.49
XDAGUT	84.0	0.81		66.0	-0.58		224.0	0.65		201.3	0.97	0.37	188.3	-3.86X	0.51
YMELLA	53.6	-0.71	1.14	80.4	0.61	0.70	231.0	1.05	0.88	172.7	-0.01	0.71	367.3	0.77	1.41
YQCCJ9	53.0	-0.74	0.64	81.0	0.67	0.68	207.0	-0.32	0.11	149.7	-0.80	0.20	304.7	-0.85	0.05
YY93BB	49.3	-0.92	0.18	88.0	1.25	0.90	211.7	-0.06	0.48	142.3	-1.05	0.45	325.3	-0.32	1.03
ZYLZX8	69.1	0.06	0.77	59.5	-1.13	0.13	210.1	-0.15	0.59	179.0	0.21	0.14	324.4	-0.34	0.29
K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	67.8			73.0			212.7			173.0			337.7		
Median Abs Dev	14.7			7.3			9.3			20.1			22.6		
Avg Within Lab SD	3.1			2.9			9.4			7.8			12.5		
Labs Included	57			57			59			61			59		
Labs Reporting	60			60			61			61			61		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	1,107.0	-0.64	0.11	844.8	0.97	0.30	721.5	0.98	0.92	1,326.2	-0.51	0.42	4,902.2	-0.86	0.44
2P8P47	1,383.3	0.28	3.20	567.3	-1.01	3.28	488.0	-1.61	4.04	1,514.0	0.42	3.80	4,721.7	-0.99	2.04
2PQHXP	1,196.3	-0.34	0.10	515.1	-1.38	0.13	470.1	-1.81	0.20	1,336.9	-0.46	0.11	5,962.9	-0.08	0.38
3463VM	1,493.7	0.65	0.75	668.3	-0.29	0.21	665.3	0.36	0.54	1,605.3	0.87	0.04	6,282.3	0.16	0.05
3DWDAP	1,577.3	0.93	0.10	701.0	-0.05	0.25	633.0	0.00	0.25	1,580.7	0.75	0.12	8,043.0	1.46	0.36
4NPE46	1,135.0	-0.54	0.44	827.2	0.84	0.39	661.7	0.32	0.13	1,408.8	-0.10	0.09	5,767.1	-0.22	0.04
6B2JLJ	1,680.0	1.27	0.61	708.7	0.00	0.63	660.0	0.30	0.84	1,686.7	1.28	1.04	7,066.7	0.74	1.37
74F2M3	760.0	-1.79	0.81	610.0	-0.70	0.55	546.7	-0.96	0.64	1,150.0	-1.39	0.82	3,783.3	-1.69	0.96
78ECH3	1,257.0	-0.14	0.47	588.0	-0.86	1.16	596.7	-0.41	1.36	1,523.0	0.47	0.56	4,996.7	-0.79	0.90
7NY3H2	1,677.0	1.26	0.79	765.3	0.40	1.26	743.0	1.22	0.65	1,813.7	1.91	0.28	5,654.7	-0.30	0.21
7PULJ3	925.0	-1.24	0.15	695.7	-0.09	1.51	511.7	-1.35	1.42	1,199.0	-1.15	0.01	4,014.8	-1.52	0.60
8AJAKH	1,546.7	0.82	0.89	667.7	-0.29	0.72	619.0	-0.16	0.95	1,543.3	0.57	0.98	4,726.7	-0.99	0.43
8B9T92	1,200.2	-0.33	0.31	595.4	-0.81	0.65	524.0	-1.21	0.52	1,168.2	-1.30	0.46	5,469.1	-0.44	0.22
9CJY3G	1,026.0	-0.90	0.39	723.3	0.10	0.48	654.0	0.23	0.63	1,360.7	-0.34	0.64	5,746.0	-0.24	0.35
9NV6DJ	1,332.0	0.11	0.17	665.3	-0.31	0.53	640.7	0.08	0.31	1,383.3	-0.23	0.39	4,585.3	-1.09	1.31
A8H7QX	1,231.7	-0.22	0.38	861.7	1.09	0.16	720.3	0.97	0.48	1,428.7	0.00	0.59	7,092.7	0.76	0.30
A9UTFY	1,806.7	1.69	0.62	736.7	0.20	0.66	720.0	0.96		1,666.7	1.18	0.31	8,563.3	1.85	2.04
AGT9CY	1,376.3	0.26	0.06	644.0	-0.46	0.26	634.3	0.01	0.31	1,419.3	-0.05	0.08	5,354.7	-0.52	0.16
BN8KJW	1,103.2	-0.65	0.12	842.5	0.95	0.17	721.2	0.98	0.15	1,373.3	-0.28	0.75	5,168.1	-0.66	0.46
BNM3KG	1,120.2	-0.59	0.15	854.8	1.04	0.28	741.3	1.20	0.55	1,317.1	-0.56	0.34	4,812.1	-0.93	0.43
BQFQ6X	1,296.0	-0.01	2.02	888.9	1.28	1.47	730.7	1.08	0.75	1,344.2	-0.42	0.10	5,820.5	-0.18	1.84
BW3NPE	1,463.7	0.55	0.34	645.9	-0.45	0.23	598.3	-0.39	0.22	1,401.1	-0.14	0.66	8,712.1	1.96	1.18
BXCPCC	1,230.0	-0.23		505.0	-1.45	0.10	461.7	-1.90	0.02	1,210.0	-1.09	0.15	5,283.3	-0.58	0.03
CQ87TE	1,542.3	0.81	0.04	682.7	-0.18	0.04	671.0	0.42	0.04	1,604.0	0.87	0.03	7,141.0	0.80	0.01
CXRAZG	1,793.9	1.65	1.11	533.3	-1.25	0.59	558.9	-0.82	1.15	1,942.1	2.55X	0.68	7,382.1	0.97	1.02
D64TTE	1,471.7	0.58	0.47	621.1	-0.62	0.69	611.3	-0.24	0.29	1,527.7	0.49	0.38	5,664.3	-0.30	0.62



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
E2JBUU	1,167.7	-0.43	0.14	857.8	1.06	0.10	710.7	0.86	0.07	1,127.6	-1.50	0.01	5,516.3	-0.41	0.14
EA8B4C	1,465.4	0.55	0.04	605.5	-0.73	0.09	583.7	-0.55	0.05	1,517.3	0.44	0.03	6,065.1	0.00	0.06
EB22AQ	1,062.7	-0.78	0.16	768.7	0.43	0.05	699.0	0.73	0.25	1,258.7	-0.85	0.19	5,708.7	-0.26	0.14
ETMK6D	1,282.3	-0.05	1.42	718.6	0.07	1.87	684.4	0.57	1.53	1,453.0	0.12	2.49	5,279.3	-0.58	1.47
GE2RRQ	1,068.0	-0.77	1.04	786.7	0.55	0.77	633.3	0.00	2.10	1,337.3	-0.46	0.99	5,458.7	-0.45	0.45
GZGCNQ	1,466.0	0.56	0.32	591.6	-0.83	0.37	574.7	-0.65	0.22	1,468.3	0.19	0.18	6,157.3	0.07	0.47
HF9LT9	1,678.3	1.26	0.35	687.5	-0.15	0.41	608.6	-0.27	0.01	1,589.1	0.79	0.16	8,332.0	1.68	0.03
JNHB78	1,697.4	1.33	3.44	760.1	0.37	1.21	717.7	0.94	0.38	1,124.9	-1.51	2.09	8,510.7	1.81	2.70
K2K7X8	1,210.0	-0.29		521.0	-1.33		509.0	-1.38		1,307.0	-0.61		6,207.0	0.10	
KDA3Z7	1,880.7	1.93	0.31	782.0	0.52	0.13	738.0	1.16	0.38	1,678.0	1.24	1.08	7,686.7	1.20	1.29
LJW6PM	1,323.3	0.08	0.62	624.0	-0.60	0.52	621.3	-0.13	1.34	1,483.7	0.27	1.13	5,225.0	-0.62	2.69
LY9Q47	1,320.3	0.07	1.38	989.3	2.00	2.46	917.8	3.16X	0.26	1,451.9	0.11	1.99	6,195.6	0.10	1.17
MJVU46	1,047.3	-0.83	0.77	846.3	0.98	2.85	627.3	-0.06	1.69	1,222.3	-1.03	1.21	6,170.0	0.08	0.08
NDHFTJ	1,342.0	0.15		636.0	-0.52		586.0	-0.52		1,450.0	0.10		6,175.0	0.08	
NYYNB4	1,120.0	-0.59	1.21	827.4	0.84	1.19	678.9	0.51	0.88	1,430.0	0.00	1.54	6,547.0	0.36	0.99
PNZBTJ	1,153.0	-0.48	0.40	798.7	0.64	1.04	625.0	-0.09	0.22	1,407.0	-0.11	0.93	4,820.7	-0.92	0.88
Q7E99Z	1,279.5	-0.06	0.18	594.4	-0.81	0.72	604.0	-0.32	0.51	1,530.5	0.50	0.18	4,782.7	-0.95	0.32
QMYWKG	1,059.0	-0.80	0.10	828.3	0.85	0.22	637.3	0.05	0.38	1,183.3	-1.22	0.36	6,065.7	0.00	0.14
RQB76X	1,613.7	1.05	0.88	736.0	0.19	1.61	687.7	0.61	1.18	1,605.3	0.87	0.54	7,059.3	0.73	1.74
RTJECX	1,737.6	1.46	0.27	658.4	-0.36	0.19	636.5	0.04	0.17	1,411.6	-0.09	0.48	8,917.4	2.11	0.24
U6NALD	1,330.3	0.11	1.13	592.3	-0.83	0.75	569.0	-0.71	0.59	1,405.7	-0.12	0.07	5,019.7	-0.77	1.04
VDUKAU	1,259.0	-0.13	2.20	840.3	0.94	0.93	687.0	0.60	1.88	1,553.0	0.61	1.39	6,301.3	0.17	1.45
VLBU2X	1,823.3	1.74	1.98	823.4	0.82	1.10	774.2	1.57	1.47	1,873.3	2.21	2.16	6,160.0	0.07	1.14
WKAJET	1,048.9	-0.83	0.30	764.9	0.40	0.40	614.8	-0.20	0.50	1,264.1	-0.82	0.83	6,527.4	0.34	0.66
WUHVUB	1,507.0	0.69	0.26	657.1	-0.37	0.46	544.2	-0.99	0.72	1,674.5	1.22	0.65	4,726.6	-0.99	0.50
YMELLA	1,280.0	-0.06	0.55	863.0	1.10	0.33	703.0	0.78	1.22	1,567.7	0.69	0.61	6,938.7	0.65	0.92



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
YQCCJ9	1,298.3	0.00	0.70	718.7	0.07	0.90	479.7	-1.71	0.23	1,503.0	0.37	0.13	6,136.3	0.05	0.03
YY93BB	1,085.7	-0.71	0.21	827.0	0.84	0.81	616.8	-0.18	0.95	1,257.1	-0.86	0.14	6,099.2	0.03	0.16
ZYLZX8	1,548.8	0.83	0.35	592.3	-0.83	0.43	610.4	-0.25	0.13	1,566.3	0.68	0.42	6,701.8	0.47	0.42
Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	1,298.3			708.7			633.2			1,429.3			6,065.1		
Median Abs Dev	178.3			98.7			52.5			113.1			785.8		
Avg Within Lab SD	65.1			31.4			23.9			67.8			185.8		
Labs Included	55			55			54			54			55		
Labs Reporting	55			55			55			55			55		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	119.6	-0.61	0.19	79.5	1.17	0.09	172.2	0.31	0.44	246.5	-0.84	0.83	472.1	-0.63	0.09
2P8P47	151.3	0.39	3.09	55.3	-0.63	2.68	134.3	-1.49	2.61	297.3	0.44	3.04	495.3	-0.30	2.58
2PQHXP	159.2	0.64	0.15	49.9	-1.03	0.17	153.8	-0.56	0.18	316.9	0.93	0.53	594.4	1.11	0.71
3463VM	157.7	0.59	0.85	59.7	-0.31	0.21	166.7	0.05	0.16	299.7	0.49	0.21	526.3	0.14	0.18
3DWDAP	172.3	1.05	0.27	64.0	0.02		175.3	0.46	0.08	314.7	0.87	0.05	653.3	1.94	0.67
4NPE46	118.5	-0.64	0.46	78.3	1.08	0.46	171.1	0.26	0.13	277.1	-0.07	0.09	523.9	0.10	0.13
6B2JLJ	185.5	1.46	0.89	71.0	0.53	0.99	181.5	0.76	1.66	334.9	1.38	1.24	592.9	1.08	1.28
74F2M3	83.7	-1.74	0.82	58.0	-0.43	0.36	139.0	-1.26	0.28	232.0	-1.20	1.00	437.3	-1.13	1.20
78ECH3	119.3	-0.62	0.07	45.3	-1.37	0.21	136.7	-1.38	0.29	259.7	-0.51	0.21	507.3	-0.13	0.44
7NY3H2	159.0	0.63	0.90	59.0	-0.35	2.28	172.7	0.34	0.94	314.0	0.85	0.24	525.7	0.13	0.19
7PULJ3	100.5	-1.21	0.11	63.3	-0.03	1.52	141.0	-1.17	1.24	243.7	-0.91	0.63	427.0	-1.28	1.34
8AJAKH	150.3	0.36	1.07	53.7	-0.75	1.05	158.0	-0.36	1.09	278.3	-0.04	0.86	449.7	-0.95	0.75
8B9T92	134.5	-0.14	0.33	55.7	-0.60	0.63	159.4	-0.29	0.53	242.4	-0.94	0.49	466.3	-0.72	0.05
9CJY3G	110.4	-0.90	0.49	66.5	0.20	1.18	149.3	-0.77	0.50	239.6	-1.01	0.30	458.1	-0.83	0.88
9NV6DJ	240.3	3.18X	0.48	100.7	2.73X	1.35	207.0	1.97	0.55	284.0	0.10	0.53	1,209.0	9.85X	7.38
A8H7QX	127.0	-0.38	0.26	77.0	0.98	0.95	174.3	0.41	0.83	252.7	-0.68	1.25	521.3	0.07	0.80
A9UTFY	176.0	1.16	0.22	65.0	0.09		195.3	1.41	0.64	318.3	0.96	0.49	651.7	1.92	0.55
AGT9CY	151.7	0.40	0.32	54.5	-0.69	0.37	153.8	-0.56	0.27	272.3	-0.19	0.68	489.3	-0.39	0.53
BN8KJW	120.0	-0.60	0.32	75.9	0.90	0.49	169.5	0.18	0.50	248.7	-0.78	0.24	461.1	-0.79	0.86
BNM3KG	126.3	-0.40	0.30	83.6	1.46	0.72	174.9	0.44	0.28	247.3	-0.82	0.88	430.5	-1.23	0.55
BQFQ6X	115.1	-0.75	0.53	69.5	0.42	2.82	159.8	-0.28	0.51	242.3	-0.94	0.29	493.6	-0.33	0.09
BW3NPE	148.8	0.31	0.14	43.1	-1.53	0.47	150.8	-0.70	0.57	281.9	0.05	0.84	595.6	1.12	0.42
BXCPCC	126.7	-0.39	0.20	41.7	-1.64	0.04	131.3	-1.63	0.21	236.3	-1.09	0.14	438.0	-1.12	0.06
CQ87TE	165.0	0.82	0.13	60.7	-0.23	0.09	174.3	0.41	0.21	312.0	0.80	0.09	573.7	0.81	0.09
CXRAZG	162.9	0.75	0.40	67.5	0.28	0.20	155.3	-0.49	0.34	284.1	0.10	0.40	450.8	-0.94	0.48
D64TTE	170.3	0.98	0.61	59.2	-0.34	0.47	176.3	0.51	0.22	314.4	0.86	0.34	567.3	0.72	0.74



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
E2JBUU	123.2	-0.50	0.06	68.7	0.37	0.09	174.1	0.40	0.18	235.1	-1.12	0.04	525.6	0.13	0.44
EA8B4C	153.3	0.45	0.05	49.8	-1.04	0.04	156.4	-0.44	0.02	291.2	0.28	0.02	485.4	-0.44	0.02
EB22AQ	114.3	-0.78	0.64	76.4	0.93	0.65	164.7	-0.04	0.35	239.7	-1.01	0.31	477.0	-0.56	0.06
ETMK6D	183.3	1.39	2.11	91.7	2.06	1.20	195.1	1.40	0.68	325.5	1.14	2.12	633.3	1.66	1.20
GE2RRQ	116.0	-0.72	0.92	76.3	0.93	0.55	166.3	0.03	0.68	261.3	-0.47	0.36	472.0	-0.64	0.60
GZGCNQ	149.9	0.34	0.34	49.9	-1.03	0.20	153.7	-0.57	0.15	281.6	0.04	0.12	502.7	-0.20	0.09
HF9LT9	157.6	0.58	0.32	51.8	-0.89	0.43	157.6	-0.38	0.17	302.2	0.56	0.20	609.3	1.32	1.30
JNHB78	167.9	0.91	3.26	63.0	-0.06	1.29	185.2	0.93	3.53	215.8	-1.61	2.49	570.4	0.76	3.89
K2K7X8	138.0	-0.03		47.8	-1.18	0.00	150.0	-0.74		263.0	-0.43		522.0	0.08	
KDA3Z7	174.0	1.10		66.0	0.16		186.4	0.99	0.10	303.6	0.59	0.00	603.2	1.23	0.52
LJW6PM	144.7	0.18	1.65	60.3	-0.26	1.03	156.3	-0.44	0.76	293.0	0.33	1.00	516.7	0.00	0.93
LY9Q47	124.0	-0.47	1.41	72.0	0.61	1.43	172.7	0.34	0.48	266.0	-0.35	2.47	526.0	0.13	0.68
MJVU46	99.9	-1.23	0.46	53.4	-0.77	1.27	159.7	-0.28	0.35	242.3	-0.94	0.45	546.0	0.42	0.28
NDHFTJ	148.3	0.29		65.0	0.09		150.1	-0.74		293.2	0.33		510.1	-0.09	
NYYNB4	125.6	-0.42	0.94	78.8	1.11	1.12	185.7	0.95	1.16	288.0	0.20	2.06	580.5	0.91	1.64
PNZBTJ	118.7	-0.64	0.27	69.1	0.39	1.44	165.7	0.00	0.29	270.3	-0.24	1.15	496.0	-0.29	0.40
Q7E99Z	130.5	-0.27	0.11	54.8	-0.67	0.76	143.1	-1.07	0.27	275.7	-0.11	0.39	493.9	-0.32	0.45
QMYWKG	109.3	-0.93	0.07	72.0	0.61		170.3	0.22	0.16	234.0	-1.15	0.15	506.7	-0.14	0.29
RQB76X	175.0	1.13	0.78	64.0	0.02	0.36	189.0	1.11	2.03	320.7	1.02	0.72	606.3	1.28	1.51
RTJECX	1.2	-4.33X	0.02	0.4	-4.69X	0.00	1.2	-7.81X	0.00	2.2	-6.96X	0.01	5.0	-7.28X	0.00
U6NALD	140.0	0.03	1.02	50.0	-1.02	0.71	139.0	-1.26	0.41	269.7	-0.26	0.14	521.3	0.07	1.01
VDUKAU	131.0	-0.25	2.45	74.7	0.81	1.69	183.0	0.83	3.23	301.7	0.54	1.35	520.7	0.06	1.51
VLBU2X	177.2	1.20	1.55	63.6	-0.02	0.97	200.3	1.65	1.29	335.9	1.40	2.26	577.2	0.86	1.30
WKAJET	110.0	-0.91	0.28	67.0	0.24	0.35	156.4	-0.44	0.54	235.9	-1.10	0.91	483.5	-0.47	1.03
WUHVUB	148.8	0.31	0.28	52.5	-0.84	0.37	159.6	-0.29	0.24	282.2	0.06	0.36	515.1	-0.02	0.07
YMELLA	131.3	-0.24	0.41	74.6	0.80	0.44	195.0	1.40	1.07	318.0	0.95	0.80	630.0	1.61	1.31



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
YQCCJ9	238.0	3.11X	1.67	173.3	8.11X	0.90	248.0	3.91X	0.14	295.3	0.39	0.27	412.7	-1.48	0.09
YY93BB	107.1	-1.00	0.11	69.4	0.42	0.23	158.3	-0.35	0.32	233.4	-1.17	0.06	482.4	-0.49	0.08
ZYLZX8	166.9	0.88	0.64	53.9	-0.73	0.29	165.6	0.00	0.24	310.0	0.75	0.14	528.9	0.17	0.14
Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	139.0			63.8			165.6			280.0			516.7		
Median Abs Dev	19.8			8.7			10.3			30.6			44.6		
Avg Within Lab SD	7.8			2.8			7.3			11.2			16.4		
Labs Included	52			52			53			54			53		
Labs Reporting	55			55			55			55			55		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	16.55	-0.42	0.14	9.48	0.23	0.15	27.15	0.16	0.53	28.42	-0.39	0.14	29.99	-0.11	0.54
2P8P47	25.33	0.72	1.25	11.33	0.64	1.62	30.00	0.61	0.67	48.67	1.83	4.66	36.67	0.98	2.36
2PQHXP	33.11	1.73	0.13	23.18	3.28X	0.15	23.05	-0.48	0.14	62.73	3.36X	0.06	31.20	0.09	0.20
3463VM	23.00	0.42	0.50	13.33	1.09	0.45	29.67	0.55	1.39	38.00	0.66	0.63	28.67	-0.32	0.39
3DWDAP	27.67	1.02	0.76	8.33	-0.02	1.96	39.33	2.07	0.77	40.00	0.88	0.83	43.67	2.13	0.39
4NPE46	19.37	-0.06	0.51	9.15	0.16	0.19	27.12	0.16	0.31	32.55	0.07	0.19	32.65	0.33	0.68
6B2JLJ	29.90	1.31	1.15	11.73	0.73	0.31	31.43	0.83	0.89	40.63	0.95	0.42	39.10	1.38	1.54
74F2M3	15.00	-0.62	1.50	12.67	0.94	3.99	34.00	1.23	1.77	36.00	0.44	1.96	35.33	0.77	1.94
78ECH3	22.33	0.33	0.29	9.00	0.12	0.78	22.33	-0.60	0.77	32.33	0.04	0.18	30.33	-0.05	0.39
7NY3H2	23.43	0.47	0.06	9.72	0.28	1.23	29.53	0.53	1.37	39.00	0.77	1.20	35.30	0.76	2.10
7PULJ3	15.32	-0.58	0.38	7.48	-0.21	0.36	21.52	-0.72	0.31	27.42	-0.49	0.27	26.98	-0.60	0.67
8AJAKH	25.80	0.78	0.72	11.37	0.65	0.78	29.50	0.53	0.97	37.37	0.59	0.37	29.07	-0.26	0.37
8B9T92	22.87	0.40	0.06	9.37	0.21	0.38	25.73	-0.06	0.76	35.19	0.35	0.35	30.75	0.02	0.30
9CJY3G	19.07	-0.09	0.20	11.93	0.78	0.43	23.37	-0.43	0.47	28.57	-0.37	0.24	31.00	0.06	1.01
9NV6DJ	15.34	-0.58	0.71	11.44	0.67	0.93	15.03	-1.74	0.44	15.20	-1.83	0.11	13.17	-2.86X	0.77
A8H7QX	18.67	-0.15	0.29	9.67	0.27	0.45	28.00	0.29	0.67	31.67	-0.03	0.36	32.00	0.22	0.67
AGT9CY	30.63	1.40	0.21	13.80	1.19	0.41	34.00	1.23	0.66	43.50	1.26	0.13	33.70	0.50	0.31
BN8KJW	17.61	-0.28	0.08	9.34	0.20	0.17	28.67	0.40	0.75	31.51	-0.05	0.24	29.89	-0.12	0.47
BNM3KG	16.45	-0.43	0.17	9.37	0.21	0.31	27.46	0.21	0.71	28.73	-0.35	0.24	27.82	-0.46	0.52
BQFQ6X	19.80	0.00	0.81	6.09	-0.52	0.69	27.63	0.23	0.49	31.94	0.00	0.24	33.29	0.43	0.57
BXCPCC	16.20	-0.47	0.05	10.67	0.50	0.04	12.40	-2.15	0.07	14.50	-1.91	0.00	18.17	-2.04	0.01
CQ87TE	14.30	-0.71	0.05	0.23	-1.83	0.00	18.47	-1.20	0.10	28.90	-0.33	0.03	25.77	-0.80	0.04
CXRAZG	19.22	-0.07	0.22	8.25	-0.04	0.33	22.39	-0.59	0.19	30.28	-0.18	0.08	31.66	0.17	0.34
D64TTE	27.48	1.00	0.52	6.61	-0.41	0.33	26.17	0.01	0.82	40.13	0.90	0.53	37.28	1.09	0.51
E2JBUU	14.71	-0.66	0.25	5.97	-0.55	0.09	24.34	-0.28	0.18	22.88	-0.99	0.10	27.10	-0.58	0.19
EA8B4C	32.57	1.66	0.25	1.79	-1.48	0.21	21.60	-0.71	0.01	41.84	1.08	0.24	52.34	3.55X	0.11



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
ETMK6D	26.01	0.81	1.37	35.06	5.92X	0.24	12.01	-2.21	0.47	14.86	-1.87	0.41	17.87	-2.09	0.32
GE2RRQ	15.20	-0.60	0.51	8.55	0.02	0.19	26.09	-0.01	0.24	30.57	-0.15	0.22	27.88	-0.45	0.55
GZGCNQ	17.54	-0.29	0.22	2.76	-1.26	0.01	21.15	-0.78	0.11	29.99	-0.21	0.05	27.04	-0.59	0.05
HF9LT9	23.09	0.43	0.00	1.67	-1.51	0.08	23.35	-0.44	0.32	33.62	0.18	0.10	30.53	-0.02	0.28
JNHB78	45.21	3.29X	2.68	3.26	-1.15	0.34	28.26	0.33	2.73	53.06	2.31	2.56	77.81	7.71X	5.10
K2K7X8	11.00	-1.14		1.75	-1.49		16.50	-1.51		24.30	-0.84	0.00	20.50	-1.66	
KDA3Z7	19.93	0.02	0.66	2.30	-1.37	0.00	21.47	-0.73	0.89	30.67	-0.14	0.42	29.13	-0.25	0.89
LJW6PM	33.67	1.80	3.61	15.33	1.53	2.38	34.33	1.29	2.53	43.00	1.21	0.83	41.33	1.75	1.69
LY9Q47	25.23	0.70	3.82	8.03	-0.09	0.76	29.93	0.60	2.76	36.30	0.48	2.39	66.93	5.93X	15.06
MJVU46	43.47	3.07X	0.67	29.99	4.79X	4.48	57.75	4.96X	2.44	65.99	3.72X	1.26	66.08	5.79X	1.91
NDHFTJ	31.98	1.58		9.46	0.23		31.98	0.92		39.59	0.84		35.89	0.86	
NYYNB4	17.44	-0.31	0.77	8.03	-0.09	0.65	29.14	0.47	0.95	33.10	0.13	0.90	32.17	0.25	1.41
Q7E99Z	25.14	0.69	0.09	9.14	0.16	0.91	25.90	-0.04	0.06	36.32	0.48	0.17	31.65	0.17	0.38
QMYWKG	16.23	-0.46	0.06	8.07	-0.08	0.18	24.13	-0.31	0.21	27.27	-0.51	0.12	26.47	-0.68	0.28
RQB76X	20.13	0.04	0.77	3.03	-1.20	1.21	22.53	-0.56	1.23	29.90	-0.22	0.38	28.17	-0.40	1.38
RTJECX	0.09	-2.55X	0.00	0.03	-1.87	0.00	0.12	-4.08X	0.00	0.15	-3.48X	0.00	0.16	-4.98X	0.00
U6NALD	14.67	-0.67	0.29	4.33	-0.91	0.45	16.33	-1.54	0.39	22.33	-1.05	0.18	23.00	-1.25	0.67
VDUKAU	13.40	-0.83	1.30	4.30	-0.92	2.37	23.50	-0.41	1.31	30.10	-0.20	0.08	27.50	-0.51	1.15
VLBU2X	23.94	0.54	0.62				26.24	0.02	0.32	37.59	0.62	0.86	32.93	0.37	0.63
WKAJET	12.45	-0.95	0.21	3.93	-1.00	0.05	21.85	-0.67	0.42	24.93	-0.77	0.34	24.97	-0.93	0.59
WUHVUB	29.05	1.20	0.67	11.40	0.66	0.66	29.00	0.45	1.08	41.63	1.06	0.50	37.51	1.12	0.97
YMELLA	16.53	-0.42	1.36	5.48	-0.66	0.70	26.27	0.02	1.52	31.60	-0.04	0.90	33.90	0.53	3.05
YY93BB	12.57	-0.94	0.28	4.69	-0.83	0.22	21.87	-0.67	0.70	24.00	-0.87	0.41	24.31	-1.04	0.09
ZYLZX8	27.04	0.94	0.42	8.62	0.04	0.29	28.57	0.38	0.14	39.21	0.79	0.26	33.76	0.51	0.40



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups					Data units: mg/kg	
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	19.8	8.44	26.1	31.9	30.6	
Median Abs Dev	4.6	2.91	3.5	4.7	3.1	
Avg Within Lab SD	2.0	1.29	1.5	3.2	1.5	
Labs Included	47	46	48	47	44	
Labs Reporting	50	49	50	50	50	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups															Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510				
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		
E2JBUU	58.2		0.26	86.2		1.18	206.2		0.12	131.6		0.80	205.4		0.42		
LY9Q47	49.6		1.71	72.5		0.42	209.0		1.60	122.2		1.02	204.4		1.67		
V4VKZW	26.7		0.06	67.9		1.19	172.2		0.64	95.2		1.15	174.7		0.19		
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups															Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510				
Grand Median	49.6			72.5			206.2			122.2			204.4				
Median Abs Dev																	
Avg Within Lab SD	2.4			1.0			5.7			1.0			2.5				
Labs Included	3			3			3			3			3				
Labs Reporting	3			3			3			3			3				



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
3DWDAP	71.3		0.34	68.3		0.89	233.0		1.38	153.3		0.92	215.7		1.25	
MJVU46	49.3		1.37	79.4		1.10	239.0		0.33	133.7		1.07	214.0		0.66	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	60.3			73.8			236.0			143.5			214.8			
Median Abs Dev																
Avg Within Lab SD	1.7			2.3			5.2			4.4			4.0			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
DAFX3T	99.0			89.7		1.00	296.3		1.00	248.3		1.00	463.7		1.00			

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	99.0	89.7	296.3	248.3	463.7
Median Abs Dev					
Avg Within Lab SD	0.0	3.1	2.1	2.1	2.5
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
DAFX3T	2,311.0		1.00	1,028.3		1.00	1,000.3		1.00	2,401.0		1.00	22,094.3		1.00			

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	2,311.0	1,028.3	1,000.3	2,401.0	22,094.3
Median Abs Dev					
Avg Within Lab SD	3.6	50.6	8.5	9.5	101.9
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
DAFX3T	255.7		1.00	95.0		1.00	268.7		1.00	443.3		1.00	572.0					

Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups													Data units: mg/kg	
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510	
Grand Median	255.7			95.0			268.7			443.3			572.0	
Median Abs Dev														
Avg Within Lab SD	1.5			7.0			1.5			1.5			0.0	
Labs Included	1			1			1			1			1	
Labs Reporting	1			1			1			1			1	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups															Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510				
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		
DAFX3T	0.57		1.00	0.50			0.70		1.00	0.90		1.00	0.40		1.00		

Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups															Data units: mg/kg
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.57			0.50			0.70			0.90			0.40		
Median Abs Dev															
Avg Within Lab SD	0.06			0.00			0.00			0.00			0.00		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
DAFX3T	0.23		1.00	0.10		1.00	0.67		1.00	0.20		1.00	0.17		1.00			

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups															Data units: mg/kg
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.23			0.10			0.67			0.20			0.17		
Median Abs Dev															
Avg Within Lab SD	0.06			0.00			0.06			0.00			0.06		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
DAFX3T	10.73		1.00	0.90		1.00	6.10		1.00	35.93		1.00	30.70		1.00			

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups															Data units: mg/kg
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	10.7			0.90			6.10			35.9			30.7		
Median Abs Dev															
Avg Within Lab SD	0.1			0.00			0.00			0.1			0.2		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3DWDAP	7.30	0.00	0.30	3.37		0.14	1.77		0.14	16.90	0.81	1.43	1.77		1.44
ETMK6D	7.87	0.20	1.80	2.81		1.97	1.69		1.99	14.05	0.18	1.19			
HF9LT9										5.76	-1.66	0.00			
HLD6C8	12.37	1.82	0.63	1.06		0.04	1.18		0.07	15.83	0.57	1.08	6.06		0.96
RQB76X	6.07	-0.44	0.92							12.43	-0.18	0.91			
T4LUYG	4.79	-0.90	0.63	1.72		0.33	0.70		0.12	10.34	-0.64	0.73	0.18		0.09
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	7.30			2.27			1.43			13.2			1.77		
Median Abs Dev	1.23									2.7					
Avg Within Lab SD	0.88			0.40			0.40			0.7			0.18		
Labs Included	5			4			4			6			3		
Labs Reporting	5			4			4			6			3		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
7NY3H2	49.7	0.51	1.43	129.7	0.32	1.57	70.0	0.00	0.74	5.0	0.22	1.62	3.0	-0.32		
7PULJ3	47.7	0.34	1.67	141.7	1.38	0.96	74.7	1.02	0.99	4.3	-0.22	0.47	2.3	-1.06	0.63	
ETMK6D	43.7	0.00	0.27	121.0	-0.44	1.15	68.8	-0.27	1.83	3.5	-0.75	1.76	4.0	0.75	2.14	
M2UUC4	29.5	-1.21	0.00	126.0	0.00	0.39	73.0	0.66	0.20	4.1	-0.36	0.10	2.9	-0.45	0.03	
NMQQKH	28.3	-1.31	0.30	111.9	-1.24	0.34	63.5	-1.43	0.32	6.1	0.93	0.15	4.3	1.15	0.01	
T4LUYG	118.2	6.37X	0.53	208.6	7.26X	1.45	119.6	10.88X	0.13	7.1	1.57	0.21	3.6	0.32	0.14	
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	43.7			126.0			70.0			4.67			3.29			
Median Abs Dev	6.0			5.0			3.0			0.86			0.54			
Avg Within Lab SD	1.8			1.8			2.3			0.62			0.46			
Labs Included	5			5			5			6			6			
Labs Reporting	6			6			6			6			6			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
7NY3H2	37.3	-0.60	0.97	65.3	-0.24	1.99	181.7	-1.21	2.26	89.0	-0.42	2.15	88.7	0.52	1.20
7PULJ3	39.7	0.00	1.81	73.5	0.93	0.89	211.5	1.16	0.26	91.8	-0.12	0.36	86.3	0.00	1.69
ETMK6D	68.8	7.49X	1.79	63.4	-0.52	0.76	196.9	0.00	0.18	116.0	2.43	0.07	134.0	10.62X	1.85
M2UUC4	46.9	1.87	0.44	59.5	-1.09	0.06	196.0	-0.07	0.32	98.6	0.59	0.02	84.2	-0.47	0.15
NMQQKH	38.6	-0.28	0.07	74.2	1.02	0.51	196.8	0.00	0.15	89.5	-0.37	0.85	83.7	-0.59	0.27
T4LUYG	42.1	0.63	0.77	68.7	0.24	0.62	216.9	1.59	0.83	94.1	0.12	0.73	94.4	1.79	0.79
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	39.7			67.0			196.9			93.0			86.3		
Median Abs Dev	2.3			5.0			7.8			3.7			2.3		
Avg Within Lab SD	1.6			2.0			5.1			2.1			2.1		
Labs Included	5			6			6			6			5		
Labs Reporting	6			6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
7NY3H2	1,373.0	-0.64	0.56	917.7	-0.10	1.93	739.3	-0.70	1.26	979.3	-1.08	1.98	4,889.0	0.38	0.48
7PULJ3	1,455.8	-0.24	2.01	1,063.3	0.89	0.57	864.8	1.15	1.73	1,097.5	0.35	0.99	4,668.2	0.00	0.01
ETMK6D	1,845.5	1.66	1.14	750.0	-1.23	1.26	783.1	-0.05	1.08	1,177.4	1.32	0.93	5,075.8	0.71	2.16
M2UUC4	1,704.0	0.97	0.47	797.7	-0.91	0.11	742.2	-0.66	0.12	1,059.9	-0.11	0.09	3,816.2	-1.48	0.06
NMQQKH	1,442.3	-0.30	0.23	1,053.9	0.82	0.31	790.3	0.05	0.04	979.3	-1.08	0.39	4,213.0	-0.79	0.32
T4LUYG	1,552.3	0.24	0.26	946.8	0.10	0.53	883.9	1.43	0.50	1,077.3	0.11	0.31	7,801.7	5.46X	0.45
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	1,504.1			932.3			786.7			1,068.6			4,668.2		
Median Abs Dev	96.4			126.4			45.9			59.1			407.7		
Avg Within Lab SD	54.9			27.0			32.9			33.6			118.2		
Labs Included	6			6			6			6			5		
Labs Reporting	6			6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
7NY3H2	108.0	-0.55	0.89	66.7	-0.88	1.99	152.7	-1.09	2.08	193.3	-0.55	2.00	386.3	0.51	1.96
7PULJ3	122.2	-0.10	1.45	80.5	0.41	0.88	188.8	0.99	0.33	209.5	0.20	0.66	354.5	-0.02	0.13
ETMK6D	185.6	1.93	1.62	81.3	0.48	0.78	191.3	1.13		246.9	1.93	0.85	216.9	-2.28	1.33
M2UUC4	156.4	1.00	0.48	60.3	-1.47	0.13	162.1	-0.55	0.19	220.2	0.69	0.09	356.5	0.02	0.21
NMQQKH	128.3	0.10	0.18	80.3	0.40	0.46	174.2	0.14	0.12	200.8	-0.20	0.65	335.2	-0.34	0.12
T4LUYG	113.6	-0.37	0.46	71.8	-0.40	0.66	169.2	-0.14	0.70	194.9	-0.48	0.64	409.3	0.89	0.58
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	125.2			76.1			171.7			205.2			355.5		
Median Abs Dev	14.4			4.8			13.4			11.1			25.6		
Avg Within Lab SD	4.9			2.3			4.3			7.2			10.0		
Labs Included	6			6			6			6			6		
Labs Reporting	6			6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
7NY3H2	23.00	-0.58	1.14	5.33	-0.17	2.14	18.00	-0.16	1.68	33.67	-0.29	2.44	9.00	0.73	2.33
7PULJ3	25.17	-0.10	2.00	6.17	0.39	1.07	23.33	0.90	1.75	36.50	0.37	0.42	5.50	-0.21	1.16
ETMK6D	25.64	0.00	0.08	5.59	0.00	0.98	14.63	-0.84	0.95	24.44	-2.43	0.12	6.28	0.00	0.29
K2K7X8	34.40	1.91	0.00	7.01	0.95	0.00	18.40	-0.08	0.00	31.80	-0.72	0.00	9.56	0.88	0.00
M2UUC4	27.78	0.47	0.07	4.58	-0.67	0.14	18.83	0.00	0.12	37.63	0.63	0.30	5.19	-0.29	0.28
NMQQKH	23.03	-0.57	0.35	4.80	-0.52	0.30	19.18	0.07	0.34	34.90	0.00	0.68	5.10	-0.31	0.00
T4LUYG	30.63	1.09	1.26	8.62	2.02	0.45	32.16	2.66	0.30	36.09	0.28	0.54	14.90	2.31	0.29
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	25.6			5.59			18.8			34.9			6.28		
Median Abs Dev	2.6			0.78			0.8			1.6			1.18		
Avg Within Lab SD	0.9			0.27			0.6			1.2			0.43		
Labs Included	7			7			7			7			7		
Labs Reporting	7			7			7			7			7		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
7NY3H2	1.23	0.00	2.51	2.63	0.00	1.12	2.37	0.07	2.11	1.07	0.10	1.51	0.10		0.00	
7PULJ3	0.90	-1.40	0.31	2.78	0.30	0.28	2.48	0.62	0.21	0.90	-1.88	1.31	0.05		0.00	
ETMK6D	1.16	-0.30	0.35	2.57	-0.13	0.99	2.20	-0.70	1.18	1.02	-0.42	1.01				
K2K7X8	1.36	0.53	0.00	2.56	-0.15	0.00	2.26	-0.44	0.00	1.05	-0.10	0.00				
M2UUC4	1.28	0.20	0.19	2.43	-0.42	0.19	2.34	-0.07	0.11	1.11	0.59	0.34	0.01		0.13	
NMQQKH	1.67	1.85	0.66	3.65	2.05	1.76	3.54	5.62X	0.28	1.68	7.40X	5.52	0.02		2.00	
T4LUYG	1.13	-0.44	0.16	3.46	1.67	1.24	2.81	2.16	0.33	1.14	0.97	0.94				
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	1.23			2.63			2.35			1.06			0.033			
Median Abs Dev	0.10			0.15			0.11			0.04						
Avg Within Lab SD	0.16			0.10			0.14			0.04			0.003			
Labs Included	7			7			6			6			4			
Labs Reporting	7			7			7			7			4			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm3		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
4NPE46	0.68	-1.02	0.27	1.29	-1.52	0.92	1.02	-0.70	1.27	0.87	-0.53	0.30	0.97	-0.52	0.60	
8B9T92	0.83	0.28	1.54	1.47	0.09	1.61	1.18	0.23	1.91	1.02	0.16	0.63	1.11	0.37	1.86	
BGNHEE	0.68	-1.08	0.55	1.31	-1.40	0.46	0.98	-0.91	0.54	0.77	-1.01	0.35	0.91	-0.91	0.00	
EAW9HD	0.80	0.01		1.46	-0.04		1.12	-0.12		0.95	-0.16		1.01	-0.26		
GZGCNQ	0.78	-0.22	0.89	1.47	0.04	1.50	1.07	-0.40	1.17	0.85	-0.60	0.77	1.00	-0.32	0.90	
NMQQKH	1.04	2.09	0.41	1.54	0.62	0.72	1.44	1.77	0.54	1.30	1.51	0.30	1.36	2.01	1.50	
QMYWKG	0.80	-0.04	0.27	1.43	-0.31	0.00	1.16	0.12	0.00	1.02	0.17	0.17	1.09	0.26	0.00	
R9T6AV	0.95	1.25	2.06	1.53	0.62	1.04	1.37	1.36	0.34	1.26	1.31	0.33	1.20	0.96	0.53	
RJCKDX	0.80	-0.01	0.00	1.30	-1.46	0.00	1.09	-0.31	0.20	0.91	-0.35	0.17	1.00	-0.33		
VDUKAU	0.89	0.74	0.99	1.54	0.64	1.22	1.28	0.82	1.27	1.18	0.94	2.74	1.17	0.80	0.91	
Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm3		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median		0.80		1.47		1.14		0.98		1.05						
Median Abs Dev		0.06		0.07		0.09		0.12		0.07						
Avg Within Lab SD		0.02		0.01		0.03		0.03		0.02						
Labs Included		10		10		10		10		10						
Labs Reporting		10		10		10		10		10						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
2PTAQ6	57.9	0.18	0.17	380.5	0.00	0.35	87.4	-0.06	0.27	8.9	0.10	0.00	38.8	0.35	0.19
3463VM	48.5	-1.80	0.99	442.3	0.57	0.10	117.3	5.64	1.08	15.0	2.64	0.21	49.2	2.29	0.83
74F2M3	62.2	1.10	0.58	581.3	1.87	2.55	93.1	1.04	1.40	6.9	-0.75	0.80	38.8	0.35	0.12
9CJY3G	50.6	-1.35	0.99	325.8	-0.51	0.36	88.7	0.18	1.45	9.1	0.18	0.93	33.3	-0.67	0.91
AH4CLF	53.9	-0.65	1.18	152.0	-2.12	0.28	83.3	-0.83	1.29	8.7	0.00	1.22	32.0	-0.92	0.70
GE2RRQ	60.3	0.71	1.65	303.7	-0.71	0.68	88.0	0.06	1.36	8.0	-0.28	2.11	36.0	-0.17	1.40
H69ZKN	56.2	-0.17	0.00	381.0	0.00	0.73	82.7	-0.95	0.00	7.5	-0.49	0.91	36.9	0.00	1.14
PNZBTJ	57.6	0.12	1.25	397.7	0.16	1.03	80.3	-1.40	0.48	8.2	-0.19	0.73	41.3	0.82	1.90
QMYWKG	57.0	0.00		368.0	-0.12	0.28	92.3	0.87	0.33	12.1	1.43	0.37	34.2	-0.50	0.28
Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	57.0			380.5			87.7			8.67			36.9		
Median Abs Dev	3.1			54.7			4.5			0.67			2.7		
Avg Within Lab SD	1.5			15.5			1.9			0.47			1.4		
Labs Included	9			9			8			9			9		
Labs Reporting	9			9			9			9			9		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	65.6	0.11	0.78	419.9	-0.02	0.80	109.5	0.09	0.39	16.0	0.22	0.19	40.7	-0.37	0.48
2PTAQ6	65.4	0.09	0.40	409.6	-0.22	0.26	102.9	-0.61	0.10	15.4	0.03	0.40	44.8	0.43	0.05
3463VM	48.0	-1.81	0.69	428.7	0.16	0.79	112.9	0.46	0.70	14.8	-0.17	0.17	43.3	0.13	0.30
3FWQQM	72.0	0.81		474.0	1.05		107.0	-0.17		18.0	0.90		52.0	1.83	
4NPE46	64.6	0.00	1.09	444.7	0.47	0.66	108.6	0.00	0.63	15.5	0.07	1.73	42.0	-0.12	0.51
6FBUYQ2	72.7	0.89	1.24	653.1	4.57X	0.44	113.8	0.55	0.11	15.2	-0.05	1.68	48.5	1.16	0.54
7NY3H2	52.3	-1.33	1.81	395.0	-0.51	1.16	111.3	0.29	1.45	15.0	-0.11	1.33	41.0	-0.31	0.81
7PULJ3	54.7	-1.08	0.50	404.0	-0.33	1.13	114.8	0.66	0.27	15.8	0.17	1.01	42.2	-0.09	0.47
83EQ3J	48.6	-1.74	0.53	398.3	-0.44	1.19	107.5	-0.12	0.84	13.9	-0.49	2.00	42.9	0.06	2.94
8B9T92	61.4	-0.34	0.15	375.0	-0.90	0.53	101.1	-0.79	0.75	17.1	0.59	0.43	40.6	-0.39	0.77
9CJY3G	61.9	-0.29	0.91	423.9	0.06	1.48	119.9	1.20	0.41	20.4	1.72	0.80	30.4	-2.39	1.75
9N9W4E	53.3	-1.22	0.50	354.3	-1.31	0.73	112.3	0.39	0.83	15.0	-0.11		39.0	-0.70	
AL4NGF	48.6	-1.74	0.04	373.8	-0.92	0.07	107.5	-0.12	0.10	14.9	-0.15	0.02	36.6	-1.17	0.06
BGNHEE	70.8	0.68	0.52	457.3	0.72	0.85	118.2	1.02	1.84	17.8	0.84	0.84	44.8	0.42	0.90
BN8KJW	63.9	-0.07	0.64	421.5	0.02	0.32	115.6	0.74	0.97	16.3	0.32	0.61	40.0	-0.50	0.28
BNM3KG	66.9	0.25	0.75	426.5	0.11	0.31	113.4	0.51	1.19	17.4	0.69	0.39	41.4	-0.24	0.57
BQFQ6X	66.1	0.17	3.28	363.9	-1.12	0.43	104.2	-0.47	1.76	14.2	-0.37	3.16	43.3	0.13	1.42
D64TTE	133.7	7.54X	19.65	1,769.7	26.54X	3.82	592.2	51.23X	2.27	82.1	22.39X	21.68	94.5	10.13X	2.01
E2JBUU	61.4	-0.34	0.86	365.8	-1.08	0.18	94.6	-1.48	0.45	11.5	-1.27	0.15	39.0	-0.70	0.35
EAW9HD	66.5	0.21		446.0	0.50		112.0	0.36		16.2	0.30		48.7	1.19	
EB22AQ	57.1	-0.81	0.53	378.0	-0.84	0.28	99.2	-1.00	0.25	13.0	-0.79	0.43	40.3	-0.46	0.37
GE2RRQ	66.7	0.24	0.97	429.6	0.18	0.06	101.5	-0.76	1.08	15.4	0.03	1.39	43.0	0.09	0.65
GWF9YP	76.0	1.25	0.22	491.0	1.38	0.11	117.9	0.98	0.05	19.7	1.46	0.38	52.5	1.93	0.41
GZGCNQ	68.4	0.42	0.33	363.3	-1.13	0.79	97.8	-1.15	0.52	15.1	-0.08	0.33	45.9	0.65	0.30
HLD6C8	49.7	-1.62	0.59	423.5	0.05	0.23	105.7	-0.31	0.29	13.3	-0.66	0.20	34.5	-1.57	0.38
JNHB78	47.4	-1.87	0.17	342.5	-1.54	0.20	90.8	-1.89	0.62	12.2	-1.04	0.27	34.0	-1.67	0.64



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
KDA3Z7	64.8	0.03	0.25	459.0	0.75	1.57	117.0	0.89	0.36	16.2	0.29	0.38	45.5	0.57	1.08
LY9Q47	55.3	-1.01	0.50	348.4	-1.42	2.74	102.8	-0.62	1.61	10.0	-1.78	1.33	34.2	-1.65	3.06
M2UUC4	68.3	0.40	0.54	433.7	0.26	0.51	116.8	0.87	0.47	19.3	1.35	0.08	48.1	1.07	0.67
MJEKB4	59.8	-0.51	0.10	472.2	1.01	0.08	112.8	0.44	0.05	14.4	-0.30	0.05	46.3	0.72	0.18
MRPXAM	60.2	-0.47	0.53				111.6	0.31	2.23	19.4	1.37	1.36	48.8	1.20	1.47
NYYNB4	73.3	0.96	0.50	452.0	0.62	0.67	108.7	0.00	2.30	17.7	0.79	2.03	41.0	-0.31	1.41
Q2EYXY	67.9	0.36	0.41	394.3	-0.52	0.07	107.3	-0.15	0.14	18.3	1.01	0.43	45.8	0.63	0.42
QMYWKG	68.7	0.45	0.00	447.6	0.53	1.36	111.6	0.32	0.25	14.5	-0.29	0.00	41.3	-0.26	0.39
R9T6AV	62.0	-0.28	0.92	411.4	-0.18	1.60	109.6	0.10	0.22	15.7	0.14	0.66	43.3	0.14	0.23
RJCKDX	65.3	0.08	1.33	480.3	1.17	1.59	104.0	-0.49	0.36	14.0	-0.44		43.0	0.08	0.81
RYQRCG	61.8	-0.30	0.13	435.7	0.30	0.36	122.3	1.45	0.07	15.1	-0.08	0.09	47.4	0.93	0.13
RZ2UXF	68.6	0.44	0.33	305.7	-2.26	1.51	88.0	-2.19	1.07	10.5	-1.60	1.08	38.9	-0.73	1.22
TMXLZX	47.6	-1.85	0.59	372.6	-0.95	0.12	106.7	-0.21	0.93	13.6	-0.56	0.23	42.5	-0.01	0.28
V4VKZW	61.7	-0.31	0.52	435.0	0.28	0.44	98.3	-1.09	0.19	14.2	-0.38	0.00	40.4	-0.43	0.04
VDUKAU	69.5	0.54	2.92	445.7	0.49	0.51	119.0	1.10	1.29	18.9	1.21	1.08	45.0	0.47	1.42
WGA6XV	67.2	0.28	0.25	436.3	0.31	0.63	103.3	-0.56	1.03	9.8	-1.84	0.38	33.8	-1.71	0.85
WKAJET	67.0	0.27	1.84	415.1	-0.11	0.62	106.9	-0.19	0.96	16.3	0.34	0.16	41.6	-0.20	0.17
YFTTBA	70.8	0.68	0.65	443.6	0.45	2.96	100.9	-0.82	1.06	15.2	-0.03	0.28	42.7	0.01	0.57
YY93BB	49.6	-1.63	1.24	342.4	-1.54	0.66	93.2	-1.64	2.06	11.2	-1.38	1.55	39.4	-0.63	1.78
ZDLVE8	63.6	-0.10	0.96	405.7	-0.30	0.82	112.3	0.39	1.76	19.5	1.40	0.58	42.7	0.03	0.05
ZYLZX8	103.4	4.24X	2.15	360.6	-1.18	0.31	118.7	1.07	0.21	20.8	1.85	0.84	45.3	0.53	0.47



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, P	ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	64.6	420.7	108.6	15.3	42.6	
Median Abs Dev	4.1	26.0	5.3	1.4	2.5	
Avg Within Lab SD	1.1	9.3	2.8	0.8	1.2	
Labs Included	45	44	46	46	46	
Labs Reporting	47	46	47	47	47	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	59.5	0.97	0.61	90.6	0.56	0.52	223.2	-0.17	0.68	155.6	-0.29	0.60	330.5	-0.11	0.44
2PTAQ6	51.7	-0.18	0.12	86.6	0.18	0.28	216.7	-0.40	0.32	151.8	-0.48	0.13	356.9	0.56	0.20
3FWQQM	50.0	-0.42		78.0	-0.63		206.0	-0.77		150.0	-0.57		334.0	-0.02	
4NPE46	50.7	-0.32	0.70	89.4	0.45	0.65	225.1	-0.11	0.28	152.5	-0.45	0.25	330.9	-0.10	0.32
6FBYQ2	69.2	2.38	0.08	66.0	-1.77	0.67	210.7	-0.61	0.47	179.9	0.94	1.24	404.5	1.75	0.95
7NY3H2	59.3	0.94	1.73	91.7	0.66	1.94	255.3	0.94	0.84	179.0	0.89	2.83	364.3	0.74	2.76
7PULJ3	57.0	0.60	0.34	91.3	0.63	0.55	256.2	0.97	1.40	177.3	0.81	0.90	359.7	0.63	2.85
83EQ3J	52.1	-0.11	1.27	88.5	0.36	0.47	264.4	1.26	2.63	176.5	0.77	0.21	368.7	0.85	0.60
8B9T92	60.4	1.10	0.31	59.7	-2.36	0.29	192.7	-1.23	0.67	157.5	-0.19	0.59	311.2	-0.59	0.21
9CJY3G	64.4	1.69	1.35	91.8	0.67	0.67	238.4	0.36	1.07	166.4	0.26	0.45	334.9	0.00	1.29
9N9W4E	50.0	-0.42		86.7	0.19	0.61	247.7	0.68	0.25	162.3	0.05	0.41	345.0	0.26	0.12
AH4CLF	45.1	-1.13	0.08	71.9	-1.21	0.15	176.3	-1.80	0.34	122.7	-1.95	0.52	258.7	-1.91	0.55
AL4NGF	57.0	0.60	0.02	93.8	0.86	0.27	274.5	1.61	0.19	189.9	1.44	0.08	326.6	-0.20	0.05
BGNHEE	54.7	0.27	1.10	92.0	0.69	0.08	233.0	0.17	0.67	161.0	-0.02	3.10	316.6	-0.45	0.24
BN8KJW	57.5	0.67	0.46	85.3	0.06	0.18	244.0	0.55	0.60	167.5	0.31	0.36	359.3	0.62	0.54
BNM3KG	59.4	0.96	0.78	91.9	0.69	0.33	228.5	0.01	1.00	160.4	-0.05	0.38	336.7	0.05	0.71
D64TTE	103.3	7.35X	0.85	84.3	-0.03	0.46	266.0	1.32	1.75	240.5	4.00X	0.54	463.9	3.24X	2.21
E2JBUU	55.3	0.35	0.23	84.1	-0.06	0.17	226.5	-0.06	0.30	149.4	-0.60	0.17	322.9	-0.30	0.17
EAW9HD	47.8	-0.74		95.5	1.02		250.0	0.76		152.0	-0.47		397.0	1.56	
EB22AQ	51.1	-0.26	0.42	84.3	-0.03	0.18	235.7	0.26	0.41	147.7	-0.69	0.52	332.0	-0.07	0.53
GE2RRQ	50.2	-0.39	0.71	81.4	-0.31	0.52	214.9	-0.46	1.30	149.5	-0.60	0.91	323.5	-0.28	1.28
GWF9YP	58.5	0.82	0.17	94.0	0.88	0.26	249.5	0.74	0.08	168.7	0.37	0.09	371.7	0.93	0.07
GZGCNQ	48.7	-0.61	0.29	86.8	0.20	0.80	208.7	-0.68	0.94	130.8	-1.54	0.78	328.0	-0.17	0.42
H69ZKN	52.3	-0.08	0.82	86.6	0.18	0.15	225.3	-0.10	0.62	141.3	-1.01	0.38	321.3	-0.34	0.51
HLD6C8	77.1	3.54X	0.33	72.4	-1.16	0.17	239.7	0.40	0.27	187.5	1.32	0.17	367.7	0.83	0.09
KDA3Z7	52.2	-0.10	1.29	95.8	1.06	1.34	254.5	0.92	0.83	173.3	0.61	1.69	369.7	0.88	2.02



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
LY9Q47	52.9	0.00	1.94	77.7	-0.66	0.42	195.6	-1.13	0.51	154.8	-0.33	1.56	278.9	-1.40	0.88
M2UUC4	66.3	1.96	0.06	68.6	-1.52	0.26	224.4	-0.13	0.45	178.0	0.84	0.01	352.2	0.44	0.22
MJEKB4	57.9	0.74	0.10	80.7	-0.38	0.12	228.2	0.00	0.34	163.6	0.11	0.26	343.1	0.21	0.19
MRPXAM	51.0	-0.27	0.69				170.3	-2.01	0.22	177.0	0.79	0.39	424.5	2.25	0.85
Q2EYXY	48.4	-0.64	0.16	81.4	-0.31	0.13	218.3	-0.34	0.08	152.6	-0.44	0.10	334.6	0.00	0.06
QMYWKG	49.3	-0.52	0.19	81.3	-0.32	0.15	211.3	-0.58	0.19	150.3	-0.55	0.25	317.3	-0.44	0.19
R9T6AV	51.8	-0.16	0.61	81.1	-0.34	1.31	235.0	0.24	2.04	176.1	0.74	1.63	332.2	-0.06	2.08
RJCKDX	51.0	-0.27	0.34	84.0	-0.06	1.15	229.0	0.03	0.75	153.3	-0.40	0.25	331.3	-0.09	0.75
RYQRCG	55.2	0.35	0.05	87.0	0.22	0.24	245.0	0.59	0.21	171.4	0.51	0.07	413.5	1.98	0.05
RZ2UXF	49.7	-0.46	0.50	74.5	-0.96	0.12	197.1	-1.08	0.96	110.9	-2.54X	0.43	275.3	-1.49	1.37
TMXLZX	55.8	0.43	0.20	95.8	1.05	0.15	253.7	0.89	0.74	164.5	0.16	0.51	339.6	0.12	0.96
V4VKZW	53.6	0.11	0.01	89.8	0.48	0.01	228.5	0.01	0.13	161.7	0.02	0.02	330.7	-0.10	0.40
VCJJMV	31.8	-3.07X	0.34	17.0	-6.40X	0.16	261.6	1.16	1.26	184.9	1.19	0.18	397.1	1.57	0.99
VDUKAU	63.3	1.53	4.49	92.3	0.73	3.50	236.3	0.28	3.48	169.3	0.40	2.75	368.3	0.84	1.34
WGA6XV	50.2	-0.39	0.19	83.8	-0.08	0.65	204.5	-0.82	0.54	136.0	-1.28	0.37	284.3	-1.26	1.17
WKAJET	47.1	-0.84	0.43	74.8	-0.93	0.35	202.2	-0.90	1.06	147.1	-0.72	1.06	320.6	-0.36	1.07
XDAGUT	91.6	5.65X	1.97	94.4	0.92	4.11	273.2	1.56	0.83	231.2	3.53X	0.60	434.8	2.51	0.08
YFTTBA	47.0	-0.86	0.32	83.4	-0.12	0.33	205.8	-0.78	0.58	126.9	-1.73	0.43	317.3	-0.44	0.50
YY93BB	59.7	0.99	0.48	58.8	-2.45	0.18	198.2	-1.04	0.80	158.8	-0.13	0.48	301.4	-0.84	0.32
ZDLVE8	53.9	0.15	1.09	84.7	0.00	0.05	219.7	-0.30	0.34	203.3	2.12	0.68	349.0	0.36	0.97
ZYLZX8	68.2	2.23	0.51	64.4	-1.92	0.05	213.9	-0.50	0.28	172.2	0.55	0.24	338.8	0.10	1.13



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	52.9	84.7	228.2	161.3	334.7
Median Abs Dev	3.5	6.7	17.4	11.1	17.5
Avg Within Lab SD	3.0	3.8	6.1	6.1	8.2
Labs Included	43	45	47	44	46
Labs Reporting	47	46	47	47	47



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	1,323.5	0.42	0.52	1,162.4	1.39	0.52	925.8	1.76	1.08	1,418.2	0.12	0.62	6,789.4	-0.68	0.43
2PTAQ6	1,264.9	0.00	0.21	1,035.4	0.34	0.06	749.9	0.00	0.15	1,371.6	-0.12	0.64	8,256.4	0.92	0.09
3FWQQM	1,380.0	0.83		994.0	0.00		609.0	-1.41		1,371.0	-0.12		7,305.0	-0.12	
4NPE46	1,216.2	-0.35	0.14	1,043.4	0.41	0.82	737.7	-0.12	0.21	1,373.9	-0.11	0.34	7,682.0	0.29	0.29
6FBYQ2	1,859.9	4.28X	0.81	971.4	-0.18	0.14	870.0	1.20	1.12	1,804.9	2.06	0.41	8,036.8	0.68	0.68
7NY3H2	1,396.7	0.95	2.83	1,064.7	0.58	2.41	836.3	0.86	1.72	1,583.7	0.95	2.21	7,372.7	-0.04	2.43
7PULJ3	1,262.8	-0.01	1.79	1,031.2	0.31	1.54	886.7	1.37	0.41	1,625.0	1.16	0.43	6,914.3	-0.54	0.36
83EQ3J	1,179.7	-0.61	1.98	998.3	0.04	2.41	745.7	-0.04	2.55	1,437.0	0.21	1.77	8,408.3	1.08	3.08
8B9T92	1,500.2	1.69	0.61	744.2	-2.05	0.75	655.0	-0.95	0.70	1,460.2	0.33	0.73	6,836.4	-0.62	0.18
9CJY3G	1,142.0	-0.88	0.61	972.7	-0.17	0.45	763.9	0.14	1.11	1,364.7	-0.15	0.25	7,599.3	0.20	0.85
9N9W4E	1,230.0	-0.25	0.61	1,008.3	0.12	1.01	790.3	0.40	0.87	1,436.7	0.21	0.20	8,160.7	0.81	0.37
AL4NGF	1,325.0	0.43	0.09	1,006.4	0.10	0.02	876.1	1.26	0.08	1,536.8	0.71	0.04	6,821.0	-0.64	0.09
BGNHEE	1,241.3	-0.17	0.27	1,099.9	0.87	0.54	780.4	0.30	0.39	1,324.6	-0.35	0.48	10,450.6	3.30X	0.11
BN8KJW	1,317.7	0.38	0.64	1,201.4	1.71	0.47	948.3	1.98	0.85	1,485.3	0.45	0.17	7,321.8	-0.10	0.22
BNM3KG	1,230.5	-0.25	0.21	1,159.6	1.36	0.30	922.3	1.72	0.47	1,336.0	-0.30	0.66	6,918.5	-0.54	0.23
D64TTE	1,859.7	4.28X	0.34	937.6	-0.46	0.44	898.2	1.48	0.11	2,083.7	3.46X	1.20	6,151.3	-1.37	0.13
E2JBUU	1,094.0	-1.23	0.44	844.7	-1.22	0.32	658.7	-0.91	0.20	1,213.3	-0.91	0.39	6,189.3	-1.33	0.16
EAW9HD	1,170.0	-0.68		1,010.0	0.13		750.0	0.00		1,240.0	-0.78		9,640.0	2.42	
EB22AQ	1,187.0	-0.56	0.26	975.0	-0.15	0.30	782.7	0.33	0.26	1,375.7	-0.10	0.14	6,982.0	-0.47	0.02
GE2RRQ	1,219.7	-0.33	0.27	943.8	-0.41	0.43	705.5	-0.44	0.45	1,270.3	-0.63	0.83	7,336.7	-0.08	0.09
GWF9YP	1,213.3	-0.37	0.30	958.7	-0.29	0.02	729.0	-0.21	0.05	1,395.0	0.00	0.09	8,475.3	1.15	0.02
GZGCNQ	1,225.0	-0.29	0.22	995.6	0.02	1.07	661.2	-0.89	0.99	1,188.7	-1.04	0.65	7,595.3	0.20	0.24
H69ZKN	1,190.3	-0.54	0.39	990.7	-0.02	0.46	770.3	0.20	0.74	1,305.7	-0.45	0.30	7,817.0	0.44	0.37
HLD6C8	1,527.1	1.89	0.03	734.9	-2.13	0.05	643.4	-1.06	0.07	1,454.8	0.30	0.02	9,585.9	2.36	0.01
KDA3Z7	1,423.7	1.14	2.08	1,229.8	1.94	2.16	866.8	1.17	0.99	1,696.8	1.52	3.28	8,207.3	0.86	1.04
LY9Q47	1,138.0	-0.91	1.08	873.7	-0.99	0.64	683.7	-0.66	0.73	1,322.0	-0.37	1.34	6,663.3	-0.81	1.10



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
M2UUC4	1,572.4	2.21	0.25	798.9	-1.60	0.13	709.8	-0.40	0.47	1,561.3	0.84	0.21	7,736.3	0.35	0.33
MJEKB4	1,297.5	0.23	0.10	938.3	-0.46	0.21	728.0	-0.22	0.28	1,437.9	0.22	0.39	8,304.1	0.97	0.13
MRPXAM	1,598.5	2.40	0.51				711.1	-0.39	0.82	1,653.0	1.30	0.20			
R9T6AV	1,392.9	0.92	0.47	1,028.4	0.29	0.67	868.0	1.18	2.22	1,818.6	2.13	1.11	8,440.3	1.12	1.25
RJCKDX	1,288.7	0.17	0.57	993.7	0.00	1.86	749.0	-0.01	1.15	1,373.3	-0.11	0.40	7,242.7	-0.18	0.52
RZ2UXF	1,216.0	-0.35	1.90	928.3	-0.54	0.69	692.7	-0.57	0.78	983.3	-2.07	0.29	7,146.0	-0.29	0.32
TMXLZX	1,255.3	-0.07	0.54	1,008.7	0.12	1.42	851.6	1.02	0.45	1,457.7	0.31	0.69	7,166.4	-0.27	0.65
V4VKZW	1,301.6	0.26	0.51	1,025.4	0.26	0.25	744.0	-0.06	1.13	1,360.9	-0.17	0.08	6,510.2	-0.98	0.52
VDUKAU	1,381.7	0.84	1.90	1,033.0	0.32	2.37	786.3	0.36	2.28	1,509.7	0.58	2.11	7,923.3	0.56	0.60
WGA6XV	1,195.2	-0.50	0.74	991.2	-0.02	0.96	707.2	-0.43	0.79	1,168.3	-1.14	0.44	6,697.5	-0.78	0.79
WKAJET	1,203.7	-0.44	1.05	901.8	-0.75	0.79	688.6	-0.61	1.08	1,306.8	-0.44	0.48	7,411.4	0.00	0.49
XDAGUT	1,439.3	1.26	0.72	867.0	-1.04	0.63	803.3	0.53	0.13	1,844.7	2.26	0.43	11.3	-8.03	0.00
YFTTBA	1,288.8	0.17	0.38	1,077.3	0.69	0.56	756.1	0.06	0.38	1,255.4	-0.70	0.55	8,108.9	0.76	1.56
YY93BB	1,433.6	1.21	0.81	708.1	-2.35	0.18	635.5	-1.14	0.91	1,390.4	-0.02	0.53	8,268.1	0.93	3.26
ZDLVE8	1,275.7	0.08	1.48	976.3	-0.14	0.11	759.7	0.10	1.91	1,611.3	1.09	2.57	7,496.0	0.09	0.18
ZYLZX8	1,680.1	2.99	0.61	789.7	-1.68	0.49	712.6	-0.37	0.10	1,566.2	0.86	0.21	7,144.5	-0.29	0.43

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	1,264.9	993.7	750.0	1,395.0	7,411.4
Median Abs Dev	61.2	49.7	48.9	89.3	575.1
Avg Within Lab SD	41.3	34.2	22.0	53.1	288.2
Labs Included	39	41	42	41	39
Labs Reporting	42	41	42	42	41



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	138.9	0.23	1.25	109.8	1.93	0.57	223.7	0.53	1.03	267.7	-0.18	1.96	570.5	-0.57	0.14
2PTAQ6	128.4	-0.30	0.08	90.7	0.28	0.38	199.3	-0.57	0.46	259.2	-0.38	0.38	619.7	0.17	0.04
3FWQQM	154.0	0.99		95.0	0.65		187.0	-1.12		266.0	-0.22		570.0	-0.58	
4NPE46	127.5	-0.35	0.18	93.0	0.48	0.46	207.6	-0.19	0.24	265.9	-0.22	0.25	611.4	0.05	0.29
6FBYQ2	181.5	2.38	0.55	79.8	-0.65	0.25	242.1	1.36	0.93	330.3	1.27	0.22	652.4	0.67	0.70
7NY3H2	140.0	0.29	2.86	87.3	-0.01	2.57	225.3	0.61	1.90	303.7	0.65	2.16	641.7	0.51	2.70
7PULJ3	129.3	-0.25	1.46	91.8	0.38	1.70	229.2	0.78	0.67	308.0	0.75	0.26	620.5	0.19	1.27
83EQ3J	121.7	-0.64	1.41	83.7	-0.32	1.21	214.7	0.12	1.25	284.7	0.21	1.14	696.7	1.34	1.70
8B9T92	152.9	0.94	0.64	63.2	-2.08	0.64	181.2	-1.38	0.83	275.4	0.00	0.53	529.9	-1.18	0.04
9CJY3G	124.4	-0.50	0.44	95.7	0.71	0.32	211.9	0.00	1.28	249.6	-0.60	0.61	494.8	-1.72	0.44
9N9W4E	126.0	-0.42	0.22	87.7	0.02	0.67	218.0	0.27	1.23	284.0	0.20	0.93	649.3	0.62	0.85
AL4NGF	141.6	0.37	0.03	88.3	0.08	0.34	218.9	0.31	0.11	308.3	0.76	0.04	561.8	-0.70	0.02
BGNHEE	120.3	-0.71	0.46	87.2	-0.02	0.37	207.8	-0.18	0.63	241.9	-0.78	0.38	585.4	-0.34	0.16
BN8KJW	145.5	0.56	0.81	101.4	1.20	0.32	227.2	0.69	0.39	302.3	0.62	0.43	668.8	0.92	0.59
BNM3KG	133.9	-0.02	0.27	102.5	1.30	0.65	208.0	-0.17	1.06	265.5	-0.23	0.42	607.4	-0.01	0.32
D64TTE	163.5	1.47	2.12	68.6	-1.62	0.25	239.2	1.23	0.02	315.3	0.92	1.46	571.9	-0.55	0.35
E2JBUU	139.0	0.24	0.31	91.0	0.31	0.18	218.2	0.28	0.31	227.8	-1.10	0.05	597.0	-0.17	0.19
EAW9HD	122.0	-0.62		87.5	0.01		201.0	-0.49		259.0	-0.38		750.0	2.15	
EB22AQ	126.3	-0.40	0.70	92.9	0.47	0.73	214.0	0.09	0.33	269.7	-0.13	0.30	577.7	-0.46	0.27
GE2RRQ	124.3	-0.50	0.46	86.7	-0.06	0.37	192.3	-0.88	0.74	245.4	-0.70	0.52	540.5	-1.02	0.15
GW9FYP	145.8	0.58	0.17	97.7	0.88	0.18	248.5	1.65	0.09	316.7	0.96	0.05	656.3	0.73	0.03
GZGCNQ	120.7	-0.69	0.36	81.6	-0.50	0.96	185.9	-1.17	1.03	232.0	-1.01	0.72	608.9	0.01	0.31
H69ZKN	115.3	-0.96	1.00	89.2	0.15	0.42	181.3	-1.38	1.26	241.3	-0.79	0.10	611.7	0.05	0.35
HLD6C8	157.7	1.18	0.15	73.1	-1.24	0.13	228.7	0.76	0.54	322.9	1.10	0.14	681.6	1.11	0.07
KDA3Z7	153.0	0.94	0.44	103.3	1.37	0.88	236.2	1.09	1.37	320.2	1.04	1.30	717.2	1.65	1.47
LY9Q47	134.3	0.00	1.39	90.0	0.22	2.77	182.0	-1.35	0.50	271.3	-0.10	1.07	534.7	-1.11	0.58



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
M2UUC4	164.6	1.52	0.09	67.6	-1.71	0.09	194.8	-0.77	0.54	302.9	0.64	0.08	624.4	0.25	0.32
MJEKB4	138.1	0.19	0.07	83.4	-0.34	0.31	235.5	1.07	0.40	290.4	0.35	0.28	652.8	0.68	0.23
MRPXAM	166.0	1.60	0.51				204.1	-0.35	0.95	331.3	1.29	0.44			
R9T6AV	146.4	0.61	2.66	88.1	0.06	2.31	224.1	0.55	2.56	314.2	0.90	1.74	652.9	0.68	1.06
RJCKDX	130.3	-0.20	0.46	84.0	-0.29	1.95	214.3	0.11	0.93	261.7	-0.32	0.24	567.7	-0.61	0.52
RZ2UXF	124.0	-0.52	2.09	82.7	-0.41	0.18	201.3	-0.48	1.62	184.3	-2.11	0.56	531.0	-1.17	0.88
TMXLZX	121.5	-0.65	0.38	85.6	-0.16	1.28	219.8	0.36	0.63	284.3	0.21	1.72	570.3	-0.57	0.57
V4VKZW	141.2	0.35	0.47	96.7	0.80	0.14	215.5	0.16	0.09	273.7	-0.04	0.07	567.1	-0.62	0.14
VDUKAU	137.3	0.15	0.46	87.7	0.02	0.98	223.3	0.52	1.19	295.7	0.47	1.52	628.3	0.31	0.53
WGA6XV	119.0	-0.77	0.79	83.3	-0.35	1.36	194.0	-0.81	1.50	233.5	-0.97	0.04	572.0	-0.55	0.61
WKAJET	123.4	-0.55	0.53	75.3	-1.04	0.16	189.6	-1.01	0.83	258.2	-0.40	0.56	597.9	-0.15	1.08
YFTTBA	111.5	-1.15	0.34	80.8	-0.57	0.43	189.5	-1.01	0.56	205.0	-1.63	0.36	551.0	-0.86	0.52
YY93BB	146.7	0.63	0.73	58.4	-2.50	0.14	190.3	-0.97	0.10	335.1	1.38	2.85	710.7	1.55	3.92
ZDLVE8	132.0	-0.12	0.76	85.2	-0.19	0.48	199.0	-0.58	1.81	305.0	0.68	1.77	589.0	-0.29	0.93
ZYLZX8	176.5	2.13	0.20	69.1	-1.58	0.09	206.6	-0.24	0.12	317.5	0.97	0.51	614.6	0.10	0.51

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	134.3			87.4			211.9			275.4			608.2		
Median Abs Dev	11.2			5.1			12.9			28.2			39.3		
Avg Within Lab SD	4.6			3.1			5.3			11.8			21.0		
Labs Included	41			40			41			41			40		
Labs Reporting	41			40			41			41			40		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	22.4	0.33	0.84	17.2	1.77	0.13	34.1	0.93	1.82	33.8	-0.12	1.69	36.0	0.39	0.64
2PTAQ6	20.3	-0.05	0.09	11.9	0.40	0.00	30.5	0.22	0.07	34.9	0.04	0.16	38.7	0.85	0.11
4NPE46	18.0	-0.46	0.24	9.2	-0.32	0.18	28.0	-0.27	0.84	31.7	-0.41	0.70	32.2	-0.24	0.49
6FBYQ2	53.2	5.85X	1.88	29.2	4.90X	0.84	54.5	4.96X	4.18	70.0	4.93X	3.36	67.9	5.74X	13.57
7NY3H2	22.7	0.38	0.52	12.0	0.42	1.43	32.7	0.65	0.40	37.0	0.33	2.19	36.7	0.51	2.50
7PULJ3	20.5	-0.01	0.82	13.8	0.90	0.24	34.3	0.98	1.05	39.8	0.72	1.50	37.7	0.67	1.25
83EQ3J	25.5	0.89	0.47	9.0	-0.37	4.11	40.1	2.11	0.74	45.3	1.48	0.76	42.1	1.42	2.59
8B9T92	22.9	0.41	0.05	9.4	-0.26	0.40	25.7	-0.72	0.79	35.2	0.07	0.70	30.8	-0.49	0.32
9CJY3G	20.7	0.03	0.48	14.1	0.97	0.74	26.9	-0.50	1.69	29.1	-0.78	1.05	27.4	-1.05	1.93
9N9W4E	19.8	-0.13	0.09	11.2	0.21	0.14	33.4	0.78	0.21	35.2	0.08	0.69	37.6	0.66	0.19
AL4NGF	23.4	0.51	0.00	12.3	0.50	0.21	33.9	0.90	0.37	39.4	0.66	0.17	36.8	0.53	0.41
BGNHEE	15.4	-0.92	0.04	7.2	-0.82	0.24	29.3	-0.02	3.41	27.5	-1.00	0.40	29.1	-0.76	0.21
BN8KJW	21.9	0.24	0.74	12.5	0.54	0.39	35.3	1.16	0.42	38.5	0.53	0.69	38.0	0.73	1.16
BNM3KG	21.2	0.12	0.33	13.6	0.84	0.22	31.3	0.37	0.19	35.2	0.07	0.35	36.0	0.40	0.68
D64TTE	30.2	1.73	0.52	7.3	-0.81	0.38	28.8	-0.12	0.93	44.1	1.32	1.18	41.0	1.23	0.60
E2JBUU	13.7	-1.22	0.19	12.9	0.66	0.26	28.2	-0.23	0.21	21.8	-1.80	0.36	23.5	-1.70	0.11
GE2RRQ	16.9	-0.65	0.20	9.7	-0.17	0.33	25.8	-0.72	0.33	28.8	-0.82	0.38	29.9	-0.63	0.20
GWF9YP	16.0	-0.82		8.7	-0.44	0.48	26.7	-0.54	0.40	31.7	-0.42	0.37	32.3	-0.22	0.41
GZGCNQ	12.9	-1.38	0.11	4.3	-1.57	0.14	21.5	-1.55	0.45	23.2	-1.59	0.56	29.8	-0.65	0.47
HLD6C8	24.5	0.71	0.28	10.8	0.11	0.16	30.4	0.20	0.50	36.9	0.32	0.04	35.5	0.30	0.35
LY9Q47	20.6	0.00	1.42	13.9	0.91	2.12	28.9	-0.09	1.52	32.7	-0.27	2.14	28.2	-0.91	2.11
M2UUC4	25.9	0.96	0.10	11.9	0.39	0.49	31.2	0.35	0.41	39.8	0.71	0.12	37.9	0.71	0.12
MJEKB4	26.7	1.10	0.19	20.5	2.63X	0.78	38.4	1.77	0.41	42.4	1.07	0.49	41.6	1.34	0.81
MRPXAM	20.5	0.00	0.35				26.4	-0.58	0.74	36.8	0.30	0.75	34.7	0.17	0.71
R9T6AV	18.4	-0.39	0.04	12.7	0.60	1.81	31.2	0.36	1.20	35.5	0.12	2.21	26.5	-1.20	1.51
RJCKDX	17.0	-0.64	0.45	8.7	-0.44	0.48	27.3	-0.41	0.40	30.3	-0.60	0.37	31.3	-0.39	0.82



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
RZ2UXF	9.1	-2.06	0.37	4.4	-1.56	0.45	15.6	-2.72X	0.95	19.6	-2.10	1.03	30.4	-0.55	1.06
TMXLZX	26.0	0.98	0.32	12.3	0.51	0.32	36.7	1.44	0.87	41.4	0.93	1.13	39.8	1.04	0.54
V4VKZW	21.1	0.09	0.19	11.5	0.29	0.34	29.4	0.00	0.06	34.4	-0.04	0.14	33.5	-0.02	0.11
VDUKAU	22.9	0.43	5.18	8.1	-0.60	1.62	27.0	-0.48	0.68	31.6	-0.43	0.75	33.1	-0.09	0.58
WKAJET	14.4	-1.11	0.24	6.1	-1.10	0.10	23.2	-1.22	0.51	27.6	-0.99	0.46	28.8	-0.82	0.30
XDAGUT	72.8	9.36X	2.77	63.0	13.68X	2.66	91.8	12.33X	3.37	102.5	9.46X	0.83	97.7	10.75X	1.77
YFTTBA	17.9	-0.48	0.17	9.1	-0.33	0.16	30.1	0.14	0.32	28.8	-0.82	0.08	33.8	0.02	1.14
YY93BB	14.6	-1.07	0.11	2.7	-2.00	0.03	20.4	-1.78	0.38	27.2	-1.05	0.39	24.8	-1.48	0.15
ZDLVE8	16.3	-0.77	0.30	7.9	-0.64	0.10	27.5	-0.37	1.54	34.0	-0.10	1.61	32.2	-0.24	0.22
ZYLZX8	31.1	1.89	0.29	10.0	-0.11	0.11	31.0	0.31	1.09	40.7	0.84	1.30	36.8	0.53	0.44

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	20.6			10.4			29.4			34.7			33.7		
Median Abs Dev	3.2			2.0			2.5			4.5			3.8		
Avg Within Lab SD	2.2			1.2			1.5			1.6			1.4		
Labs Included	34			32			33			34			34		
Labs Reporting	36			35			36			36			36		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	18.90	1.53	0.68	12.50	2.50	1.98	19.85	0.80	1.03	14.51	-0.28	0.17	20.59	0.42	0.49
2PTAQ6	15.57	0.00	0.31	8.82	0.20	0.36	17.20	-0.44	0.60	15.08	-0.06	0.22	19.19	-0.17	0.48
3463VM	16.44	0.40	0.52	7.17	-0.83	0.44	17.92	-0.10	0.47	17.68	0.99	0.34	20.96	0.57	0.31
4NPE46	14.50	-0.49	0.22	8.33	-0.10	0.21	15.80	-1.08	0.82	13.80	-0.57	0.52	22.18	1.08	2.11
6FBYQ2	36.72	9.70X	4.75	22.10	8.50X	1.83	38.39	9.39X	4.04	41.90	10.70X	2.48	42.84	9.66X	12.98
7NY3H2	16.67	0.50	1.89	9.33	0.52	1.10	20.33	1.02	2.42	16.33	0.45	1.61	21.67	0.86	1.53
7PULJ3	18.00	1.11	1.07	9.67	0.73	1.45	21.83	1.72	2.42	19.67	1.78	1.52	22.67	1.28	0.77
83EQ3J	12.07	-1.61	0.56	7.17	-0.83	0.98	17.47	-0.31	1.91	14.87	-0.14	1.01	22.00	1.00	1.36
8B9T92	15.58	0.00	0.62	6.50	-1.25	0.28	15.45	-1.25	0.35	14.55	-0.27	0.59	18.57	-0.42	0.16
9CJY3G	15.70	0.06	0.45	8.99	0.31	0.30	18.33	0.09	1.11	16.10	0.35	0.63	15.53	-1.68	2.86
9N9W4E	13.70	-0.86	0.21	7.83	-0.41	0.58	19.63	0.70	0.09	15.97	0.30	0.32	21.33	0.73	0.32
AL4NGF	15.77	0.09	0.12	9.74	0.78	0.35	19.96	0.85	0.68	15.25	0.01	0.11	23.17	1.49	0.10
BGNHEE	15.45	-0.05	0.23	9.35	0.53	0.15	17.77	-0.17	0.29	13.85	-0.55	0.45	17.93	-0.69	0.22
BN8KJW	19.11	1.62	0.80	12.73	2.65	1.25	21.15	1.40	1.07	15.30	0.03	0.50	20.78	0.50	0.21
BNM3KG	19.84	1.96	0.94	12.31	2.39	0.63	20.00	0.86	0.63	15.19	-0.01	0.33	19.58	0.00	0.64
E2JBUU	14.16	-0.65	0.22	7.68	-0.51	0.11	16.42	-0.79	0.06	10.99	-1.69	0.31	17.59	-0.83	0.05
EB22AQ	14.37	-0.55	0.07	8.33	-0.10	0.44	19.63	0.70	0.33	14.67	-0.22	0.30	19.00	-0.24	0.27
GE2RRQ	14.39	-0.54	1.12	8.46	-0.02	0.21	15.28	-1.32	1.04	13.32	-0.76	0.54	18.43	-0.48	0.45
GWF9YP	27.33	5.39X	0.72	17.67	5.73X	1.10	27.33	4.27X	0.91	27.67	4.99X	0.61	78.00	24.26X	1.00
GZGCNQ	4.56	-5.05X	0.57				10.57	-3.51X	0.34	4.65	-4.24X	0.72	6.67	-5.36X	2.82
HLD6C8	13.40	-1.00	0.33	7.10	-0.87	0.00	15.17	-1.38	0.33	17.90	1.08	0.18	15.33	-1.77	0.21
JNHB78	12.94	-1.21	0.47	7.20	-0.81	0.31	16.10	-0.94	0.54	12.65	-1.03	0.49	17.72	-0.78	0.36
LY9Q47	14.43	-0.52	0.38	7.87	-0.39	0.55	16.13	-0.93	0.73	14.13	-0.43	1.37	17.13	-1.02	0.12
M2UUC4	17.76	1.00	0.27	8.82	0.20	0.09	18.54	0.19	0.31	17.44	0.89	0.15	21.49	0.79	0.36
MJEKB4	16.71	0.52	0.08	9.75	0.79	0.20	19.26	0.52	0.21	18.42	1.28	0.11	20.52	0.39	0.15
MRPXAM	18.17	1.19	0.61				18.50	0.17	0.42	19.48	1.71	0.69	21.05	0.61	0.25



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
NYYNB4	17.83	1.04	2.46	10.00	0.94	2.47	18.13	0.00	1.02	15.33	0.05	2.57	19.17	-0.17	1.21
R9T6AV	14.85	-0.33	0.39	8.18	-0.20	0.14	19.65	0.70	0.65	16.65	0.57	1.65	20.06	0.20	0.98
RJCKDX	15.00	-0.26		8.33	-0.10	1.10	17.33	-0.37	0.91	14.33	-0.35	0.61	19.00	-0.24	
RZ2UXF	15.30	-0.12	2.00	6.30	-1.37	1.06	15.07	-1.42	1.12	8.63	-2.64X	0.47	16.70	-1.20	1.30
TMXLZX	15.24	-0.15	0.59	8.70	0.12	0.30	18.83	0.32	0.28	19.27	1.62	2.44	22.68	1.29	1.69
V4VKZW	15.57	0.00	0.47	8.82	0.21	0.22	17.90	-0.11	0.43	14.35	-0.35	0.39	19.60	0.01	0.50
VDUKAU	15.87	0.14	2.94	7.57	-0.58	3.28	17.80	-0.15	1.52	15.07	-0.06	1.94	18.70	-0.37	2.10
YFTTBA	15.33	-0.11	0.81	8.53	0.02	0.48	16.00	-0.99	0.57	12.53	-1.08	0.40	17.97	-0.67	0.91
ZDLVE8	15.60	0.01	0.21	8.84	0.22	0.75	18.73	0.28	1.69	18.57	1.34	1.12	19.77	0.08	0.47
ZYLZX8	21.31	2.63	1.22	8.34	-0.10	0.20	18.58	0.21	0.36	18.37	1.26	0.33	18.96	-0.26	0.10
Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	15.6			8.50			18.1			15.2			19.6		
Median Abs Dev	1.1			0.83			1.5			1.2			1.5		
Avg Within Lab SD	0.8			0.53			0.6			1.0			1.0		
Labs Included	33			32			33			32			33		
Labs Reporting	36			34			36			36			36		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	1,356.1	-0.35	1.05	1,460.6	0.28	0.72	571.7	-0.26	0.36	652.5	-0.78	0.41	412.1	0.19	0.33
4NPE46	1,434.9	0.11	0.67	1,517.3	0.63	0.04	568.6	-0.30	0.31	706.0	-0.30	0.56	398.0	-0.06	0.45
6FBYQ2	1,521.0	0.62	0.45	1,432.9	0.11	0.16	672.4	1.14	0.15	968.6	2.09	1.16	518.2	2.04	0.82
7NY3H2	1,293.3	-0.72	2.28	1,330.0	-0.52	1.45	607.3	0.24	0.71	755.7	0.15	2.00	401.3	0.00	1.12
7PULJ3	1,390.7	-0.15	1.55	1,425.5	0.07	1.43	621.8	0.44	0.35	780.2	0.38	0.97	365.8	-0.62	0.32
83EQ3J	1,221.0	-1.14	0.45	1,403.7	-0.07	0.95	590.3	0.00	0.73	760.7	0.20	0.83	430.7	0.51	1.51
8B9T92	1,413.3	-0.01	0.24	1,267.8	-0.90	0.47	532.4	-0.80	0.53	713.0	-0.23	0.45	383.0	-0.32	0.29
9CJY3G	1,278.0	-0.81	1.68	1,298.3	-0.71	0.82	571.1	-0.27	0.23	735.5	-0.03	0.50	334.7	-1.16	3.20
9N9W4E	1,177.7	-1.40	0.25	1,249.7	-1.01	1.19	540.3	-0.69	0.83	685.0	-0.49	0.80	390.3	-0.19	0.26
AL4NGF	1,154.8	-1.53	0.09	1,209.3	-1.26	0.08	545.7	-0.62	0.17	654.5	-0.77	0.08	343.4	-1.01	0.14
BGNHEE	1,351.4	-0.38	0.20	1,467.3	0.32	0.68	565.5	-0.34	0.45	643.4	-0.87	0.31	330.8	-1.23	0.78
BN8KJW	1,564.9	0.87	0.86	1,691.3	1.70	0.40	637.5	0.65	0.41	738.8	0.00	0.25	391.4	-0.17	0.25
BNM3KG	1,490.9	0.44	0.34	1,575.7	0.99	1.27	627.4	0.51	0.49	726.0	-0.12	0.18	411.2	0.17	0.67
EAW9HD	1,260.0	-0.91		1,360.0	-0.33		445.0	-2.01		584.0	-1.41		404.0	0.05	
GWF9YP	1,488.0	0.42	0.06	1,492.0	0.47	0.05	605.7	0.21	0.06	742.3	0.03	0.05	449.0	0.83	0.05
GZGCNQ	1,418.3	0.01	0.04	1,261.0	-0.94	0.73	502.9	-1.21	0.30	619.5	-1.08	0.38	369.4	-0.56	1.08
JNHB78	1,222.8	-1.13	0.78	1,307.8	-0.65	0.36	493.2	-1.34	0.29	597.0	-1.29	0.47	328.5	-1.27	0.34
M2UUC4	1,484.2	0.40	0.31	1,335.2	-0.49	0.22	546.8	-0.60	0.27	769.4	0.28	0.11	433.9	0.57	0.30
MJEKB4	1,618.1	1.19	0.03	1,660.9	1.51	0.17	725.0	1.86	0.21	958.0	1.99	0.10	432.8	0.55	0.32
MRPXAM	1,555.5	0.82	0.62				595.9	0.08	0.37	869.3	1.19	0.76	396.1	-0.09	0.51
R9T6AV	1,465.3	0.29	0.42	1,473.9	0.36	2.21	608.2	0.25	0.76	790.1	0.47	1.29	446.9	0.79	0.76
V4VKZW	1,452.7	0.22	0.28	1,478.6	0.39	0.13	593.2	0.04	0.14	763.6	0.23	0.23	437.8	0.63	0.04
VDUKAU	1,490.7	0.44	2.59	1,521.7	0.66	1.88	621.3	0.43	1.78	752.0	0.12	1.97	442.3	0.71	1.63
WKAJET	1,319.9	-0.56	0.71	1,351.9	-0.38	0.45	525.5	-0.90	0.40	664.0	-0.68	0.52	282.2	-2.07	0.53
YY93BB	1,755.7	1.99	0.90	1,567.2	0.94	1.97	739.7	2.07	4.26	919.9	1.64	2.78	286.1	-2.01	2.01
ZDLVE8	1,309.0	-0.63	1.49	1,352.7	-0.38	1.14	524.7	-0.91	0.63	704.0	-0.32	1.45	420.3	0.33	0.40



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Mult-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
ZYLZX8	2,084.2	3.92	X 2.02	1,175.8	-1.46	0.51	593.2	0.04	0.23	860.2	1.10	0.78	406.1	0.08	0.67

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Mult-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	1,415.8			1,414.6			590.3			738.8			401.3		
Median Abs Dev	100.5			93.7			37.1			51.3			31.9		
Avg Within Lab SD	31.2			37.2			25.3			31.8			19.0		
Labs Included	26			26			27			27			27		
Labs Reporting	27			26			27			27			27		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	1.34	0.62	0.12	5.42	0.74	2.58	3.72	0.15	0.22	1.80	1.06	0.28	1.98	1.02	0.24
2PTAQ6	1.34	0.64	0.30	4.47	-0.49	0.13	3.28	-1.02	0.17	1.56	0.04	0.05	2.08	1.34	0.32
4NPE46	1.31	0.47	0.66	5.38	0.68	0.43	3.71	0.13	0.99	1.48	-0.30	0.35	1.62	-0.18	0.65
6FBYQ2	1.55	1.78	1.46	5.63	1.01	1.77	4.64	2.64X	0.43	2.14	2.54	1.61	2.21	1.76	1.88
7NY3H2	1.13	-0.48	0.95	4.90	0.06	0.57	3.87	0.55	2.19	1.53	-0.09	1.12	1.57	-0.36	2.23
7PULJ3	1.13	-0.48	0.95	4.87	0.02	1.84	3.82	0.42	1.10	1.55	-0.01	0.64	1.60	-0.25	0.54
83EQ3J	1.02	-1.10	1.18	4.83	-0.02	2.38	3.54	-0.33	0.42	1.47	-0.38	0.42	1.80	0.41	0.00
8B9T92	1.22	0.00	0.52	4.00	-1.10	0.40	3.18	-1.29	0.40	1.43	-0.55	0.43	1.45	-0.76	0.56
9CJY3G	1.30	0.40	1.09	5.17	0.42	1.46	4.00	0.91	1.33	1.60	0.19	0.48	1.35	-1.09	2.47
9N9W4E	1.01	-1.13	0.25	4.54	-0.41	0.63	3.57	-0.24	0.49	1.37	-0.80	0.19	1.56	-0.40	0.27
AL4NGF	1.17	-0.30	0.09	4.48	-0.48	0.00	3.55	-0.31	0.12	1.55	0.00	0.15	1.67	-0.01	0.16
BGNHEE	1.40	0.96	0.72	5.57	0.94	0.98	3.80	0.37	0.08	1.43	-0.54	0.67	1.66	-0.05	0.76
BN8KJW	1.22	-0.02	1.02	6.12	1.64	0.94	3.99	0.89	0.40	0.51	-4.55X	0.45	1.84	0.55	0.06
BNM3KG	1.49	1.47	0.32	5.58	0.94	0.59	3.89	0.61	0.33	1.74	0.83	0.20	2.13	1.49	0.21
D64TTE	1.48	1.37	0.58	4.37	-0.63	0.66	4.10	1.18	2.43	3.99	10.60X	29.39	1.11	-1.87	1.44
E2JBUU	1.27	0.24	1.34	4.63	-0.29	0.53	3.61	-0.13	0.19	1.34	-0.94	0.15	1.64	-0.13	0.48
EAU9HD	1.08	-0.77		4.94	0.12		3.00	-1.78		1.48	-0.32		2.06	1.27	
EB22AQ	1.23	0.04	0.98	4.98	0.16	0.23	3.85	0.52	0.74	1.49	-0.26	0.04	1.72	0.15	0.65
GE2RRQ	1.41	1.03	0.90	4.96	0.15	0.03	3.46	-0.54	0.57	1.61	0.25	0.51	1.93	0.85	0.69
GWF9YP	1.23	0.06	0.47	4.59	-0.34	0.21	3.63	-0.07	0.79	1.53	-0.10	0.41	1.70	0.09	0.51
GZGCNQ	1.10	-0.66	0.63	4.23	-0.80	0.66	3.07	-1.59	0.43	1.57	0.07	4.80	1.68	0.01	0.67
HLD6C8	1.10	-0.66	0.00	4.50	-0.45		4.00	0.91		1.50	-0.23		1.20	-1.58	0.00
JNHB78	1.02	-1.11	2.46	4.37	-0.62	0.20	3.12	-1.45	0.24	1.16	-1.70	0.31	1.33	-1.16	0.06
KDA3Z7	1.18	-0.21	1.25	5.27	0.54	0.72	3.75	0.24	1.74	1.58	0.13	0.56	1.73	0.19	0.82
LY9Q47	1.22	0.00	0.09	3.77	-1.40	1.16	3.07	-1.60	0.58	1.35	-0.87	0.37	1.29	-1.27	0.38
M2UUC4	1.39	0.88	0.23	4.34	-0.66	0.10	3.41	-0.68	0.31	1.62	0.28	0.04	1.68	0.02	0.68



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
MJEKB4	1.26	0.18	0.35	6.58	2.25	0.17	4.30	1.72	0.20	1.88	1.43	0.19	1.95	0.91	0.11
MRPXAM	1.58	1.92	1.32				3.66	0.00	1.44	1.73	0.78	1.17	1.51	-0.55	1.20
QMYWKG	1.54	1.71	0.59	4.75	-0.13	0.30	3.82	0.44	0.65	1.88	1.41	0.55	1.58	-0.33	0.12
R9T6AV	1.14	-0.44	1.50	4.36	-0.64	0.34	3.36	-0.81	0.58	1.66	0.45	0.41	1.51	-0.55	0.93
RJCKDX	1.13	-0.48	0.95	5.70	1.10	2.06	3.80	0.37	0.76	1.63	0.35	0.42	1.80	0.41	0.00
RZ2UXF	1.17	-0.30	2.51	3.73	-1.45	1.19	3.67	0.02	2.32	1.03	-2.26	1.12	1.47	-0.69	2.23
TMXLZX	1.09	-0.73	0.74	4.52	-0.43	0.23	3.47	-0.51	0.75	1.65	0.41	0.16	1.81	0.45	0.85
V4VKZW	1.22	0.01	0.23	5.19	0.44	0.00	3.76	0.25	0.11	1.60	0.22	0.17	1.86	0.62	0.13
VDUKAU	1.21	-0.05	1.81	4.92	0.09	1.19	3.61	-0.13	2.14	1.55	0.00	1.44	1.70	0.06	2.30
WKAJET	1.16	-0.36	0.81	4.51	-0.44	0.67	3.34	-0.86	0.30	1.55	-0.03	0.18	1.55	-0.43	1.36
XDAGUT	1.42	1.05	0.53	6.45	2.08	1.07	4.91	3.36X	1.30	2.35	3.47X	0.19	2.53	2.81X	0.55
YFTTBA	1.15	-0.40	0.17	5.01	0.21	0.49	3.54	-0.33	0.32	1.20	-1.55	0.19	1.67	-0.01	0.36
YY93BB	0.89	-1.78	0.44	4.12	-0.95	0.57	3.28	-1.04	0.44	1.40	-0.67	0.50	1.45	-0.75	0.69
ZDLVE8				5.31	0.60	0.68	4.09	1.15	0.72	2.06	2.19	0.74	2.39	2.36	1.19
ZYLZX8	2.12	4.83X	1.05	4.03	-1.06	0.81	3.94	0.76	1.12	1.88	1.43	0.33	1.86	0.61	0.29

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	1.22			4.85			3.66			1.55			1.68		
Median Abs Dev	0.09			0.44			0.20			0.09			0.17		
Avg Within Lab SD	0.06			0.18			0.13			0.14			0.09		
Labs Included	39			40			39			38			40		
Labs Reporting	40			40			41			41			41		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	32.5	1.09	0.30	15.7	1.62	0.54	73.4	0.15	0.11	50.4	-0.08	0.98	103.7	-0.83	0.38
2PTAQ6	24.7	-0.35	0.04	11.0	-0.18	0.06	62.8	-0.99	0.09	50.3	-0.09	0.20	114.1	-0.08	0.26
4NPE46	28.9	0.43	0.67	10.7	-0.30	0.57	77.0	0.54	0.33	50.5	-0.07	0.42	121.2	0.42	0.57
6FBYQ2	34.8	1.52	0.59	16.1	1.76	0.43	96.1	2.58X	0.63	65.7	1.96	0.33	156.0	2.92X	1.66
7NY3H2	24.0	-0.48	1.87	10.7	-0.30	0.99	69.7	-0.25	2.64	55.7	0.62	2.56	114.7	-0.05	2.65
7PULJ3	25.2	-0.26	1.12	10.8	-0.23	1.30	77.3	0.57	0.89	57.7	0.89	0.16	117.8	0.18	1.24
83EQ3J	25.1	-0.27	3.90	11.3	-0.07	3.63	70.3	-0.19	0.64	54.5	0.47	1.67	133.5	1.30	1.69
8B9T92	27.8	0.23	1.10	12.5	0.40	0.37	71.7	-0.03	0.48	53.4	0.32	0.64	110.8	-0.32	0.39
9CJY3G	27.3	0.14	0.49	12.7	0.49	0.10	78.0	0.64	1.29	46.0	-0.67	0.27	118.7	0.24	0.71
9N9W4E	25.8	-0.14	0.37	10.0	-0.55		72.0	0.00		54.0	0.40	1.08	120.3	0.36	0.26
AL4NGF	20.3	-1.16	0.12	9.2	-0.87	0.33	72.4	0.05	0.18	53.1	0.29	0.19	118.6	0.23	0.23
BGNHEE	32.7	1.13	0.31	14.3	1.06	0.38	83.7	1.25	0.59	48.4	-0.35	0.53	120.6	0.38	0.12
BN8KJW	27.3	0.14	1.70	11.4	-0.02	0.78	76.5	0.49	1.06	52.7	0.23	1.37	116.9	0.12	0.47
BNM3KG	29.2	0.48	0.48	13.3	0.71	0.31	75.9	0.42	0.66	48.8	-0.29	0.37	117.7	0.17	0.49
D64TTE	16.7	-1.82	0.58	8.8	-1.00	0.21	63.5	-0.91	0.49	40.2	-1.44	0.82	55.5	-4.28X	0.35
E2JBUU	26.4	-0.04	0.46	11.5	0.02	0.40	65.3	-0.72	0.31	38.6	-1.66	0.22	109.7	-0.40	0.28
EAW9HD	21.6	-0.92		8.9	-0.96		65.0	-0.75		48.2	-0.37		138.0	1.62	
EB22AQ	25.7	-0.17	0.54	13.5	0.78	0.34	58.0	-1.50	0.40	54.3	0.44	1.13	107.3	-0.57	0.34
GWF9YP	23.8	-0.52	0.27	11.3	-0.08	0.43	67.5	-0.48	0.20	51.0	0.00	0.54	112.0	-0.24	0.22
GZGCNQ	27.9	0.25	1.24	11.8	0.13	0.36	64.4	-0.81	0.52	43.8	-0.97	0.72	129.0	0.98	0.82
HLD6C8	28.9	0.43	0.16	15.0	1.35		86.2	1.53	0.34	53.3	0.31	0.14	106.3	-0.65	0.18
JNHB78	20.7	-1.08	0.21	9.2	-0.86	0.22	60.8	-1.20	0.24	39.3	-1.56	0.65	95.8	-1.40	0.34
KDA3Z7	22.3	-0.78	0.62	9.7	-0.68	0.99	63.0	-0.97	1.37	51.0	0.00	2.48	106.7	-0.62	1.43
LY9Q47	24.6	-0.36	0.82	10.3	-0.44	1.52	63.1	-0.95	1.32	46.7	-0.58	1.45	98.1	-1.23	0.76
M2UUC4	28.7	0.39	0.30	12.3	0.31	0.58	70.4	-0.17	0.44	57.2	0.83	0.04	118.6	0.24	0.61
MJEKB4	27.7	0.20	0.14	14.9	1.30	0.15	64.3	-0.83	0.07	53.9	0.39	0.17	110.6	-0.34	0.21



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
MRPXAM	31.4	0.89	0.90				81.0	0.97	0.79	58.6	1.01	0.42	115.3	0.00	0.24
R9T6AV	23.0	-0.66	0.60	9.5	-0.74	0.24	64.2	-0.83	0.68	61.0	1.34	0.22	105.4	-0.71	0.53
RJCKDX	22.0	-0.85		14.0	0.97	1.71	52.7	-2.07	0.46	47.3	-0.49	0.31	92.3	-1.64	0.64
RZ2UXF	36.4	1.81	1.71	17.3	2.21	2.47	74.4	0.26	3.09	38.9	-1.62	1.29	141.5	1.88	3.51
TMXLZX	21.8	-0.89	0.81	10.0	-0.57	0.42	72.8	0.08	0.58	55.7	0.63	0.82	112.8	-0.18	0.13
V4VKZW	24.5	-0.39	0.14	10.6	-0.32	0.26	74.6	0.28	0.13	48.7	-0.30	0.19	114.4	-0.06	0.06
VDUKAU	33.4	1.27	0.90	14.2	1.06	1.54	84.8	1.37	2.35	55.6	0.61	1.84	138.0	1.62	2.04
WKAJET	26.6	0.00	0.62	10.7	-0.28	0.32	71.2	-0.09	0.34	50.8	-0.02	0.37	108.8	-0.46	0.92
XDAGUT	33.0	1.18	0.64	13.9	0.93	0.56	88.8	1.80	0.54	62.9	1.58	0.58	147.9	2.33	0.15
YFTTBA	29.4	0.53	0.38	13.6	0.83	0.41	72.4	0.04	0.56	39.7	-1.51	0.57	119.8	0.32	0.31
YY93BB	22.0	-0.84	0.05	11.7	0.09	0.41	37.4	-3.71	1.85	49.3	-0.23	0.95	98.3	-1.21	0.29
ZDLVE8	29.4	0.53	0.55	11.6	0.06	0.17	77.7	0.61	0.78	60.7	1.29	1.98	128.7	0.96	0.51
ZYLZX8	35.7	1.68	0.91	8.5	-1.10	0.63	73.4	0.15	0.06	53.9	0.38	0.37	123.8	0.61	0.34
Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	26.6			11.5			72.0			51.0			115.3		
Median Abs Dev	2.8			1.6			5.7			3.5			5.9		
Avg Within Lab SD	0.9			0.6			2.5			1.8			4.5		
Labs Included	39			38			37			39			37		
Labs Reporting	39			38			39			39			39		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	370.4	0.02	0.11	174.3	-0.14	0.08	254.7	-0.22	0.37	205.2	-0.60	0.66	89.7	-0.10	1.13
2PTAQ6	380.9	0.20	0.52	178.6	0.02	0.17	250.2	-0.35	0.45	233.9	0.44	0.55	98.6	0.55	0.11
4NPE46	390.3	0.37	0.91	183.3	0.20	0.58	263.6	0.04	0.27	217.4	-0.15	0.28	91.1	0.00	0.25
6FBYQ2	412.4	0.76	0.25	221.1	1.62	0.43	348.7	2.52	0.61	316.0	3.42X	1.07	121.9	2.25	1.50
7NY3H2	300.0	-1.23	2.32	156.0	-0.83	0.96	243.7	-0.54	0.92	225.3	0.13	3.20	84.7	-0.47	1.20
7PULJ3	317.8	-0.91	0.18	163.0	-0.57	1.07	263.7	0.04	1.89	239.5	0.65	0.37	89.0	-0.15	2.19
83EQ3J	295.3	-1.31	2.84	166.0	-0.45	3.25	243.3	-0.55	1.81	221.7	0.00	1.07	91.0	0.00	0.91
8B9T92	369.5	0.00	0.71	186.6	0.32	0.42	270.1	0.22	0.49	228.0	0.23	0.55	93.2	0.16	0.65
9CJY3G	344.4	-0.45	0.46	160.8	-0.65	0.37	268.6	0.18	1.72	214.6	-0.26	0.37	84.7	-0.46	0.26
9N9W4E	333.7	-0.63	0.17	155.7	-0.84	0.32	232.0	-0.88	0.70	227.7	0.22	0.85	84.0	-0.51	
AL4NGF	270.4	-1.75	0.07	129.6	-1.82	0.07	226.6	-1.04	0.06	202.6	-0.69	0.11	82.9	-0.59	0.28
BGNHEE	404.1	0.61	0.43	203.0	0.94	0.41	281.1	0.55	0.68	204.9	-0.61	0.48	90.9	-0.01	0.31
BN8KJW	380.1	0.19	1.33	185.6	0.29	0.14	288.2	0.75	0.77	224.8	0.11	0.89	98.2	0.52	0.62
BNM3KG	376.3	0.12	0.64	194.6	0.62	0.54	278.9	0.48	0.61	210.2	-0.42	0.16	98.8	0.57	0.95
D64TTE	311.4	-1.03	0.53	177.4	-0.02	0.34	379.3	3.41X	0.95	312.5	3.29X	2.03	59.5	-2.31	0.95
E2JBUU	378.7	0.16	0.33	180.4	0.09	0.15	251.4	-0.32	0.22	190.0	-1.15	0.22	93.1	0.15	0.09
EB22AQ	304.0	-1.16	0.45	178.0	0.00	0.41	262.0	-0.01	0.33	220.0	-0.06	0.12	95.0	0.29	0.34
GWF9YP	355.0	-0.26	0.11	177.0	-0.04	0.15	271.3	0.26	0.07	211.3	-0.37	0.14	85.0	-0.44	0.34
GZGCNQ	380.0	0.19	0.44	164.4	-0.51	0.38	236.6	-0.75	0.49	188.2	-1.21	0.29	99.2	0.60	0.93
HLD6C8	323.6	-0.81	0.10	200.8	0.86	0.06	314.7	1.53	0.23	261.3	1.44	0.15	83.7	-0.54	0.40
JNHB78	273.7	-1.69	0.20	129.7	-1.82	0.37	212.8	-1.44	0.24	175.6	-1.67	0.55	75.0	-1.18	1.10
KDA3Z7	312.3	-1.01	0.67	161.0	-0.64	1.41	235.7	-0.78	0.51	215.3	-0.23	2.10	87.0	-0.30	0.91
LY9Q47	370.7	0.02	1.54	157.7	-0.77	1.97	257.1	-0.15	0.97	218.3	-0.12	1.58	77.7	-0.98	1.12
M2UUC4	369.8	0.01	0.39	189.8	0.44	0.28	255.7	-0.19	0.37	236.0	0.52	0.20	96.0	0.36	1.04
MJEKB4	379.1	0.17	0.11	225.2	1.78	0.02	317.6	1.61	0.10	290.9	2.51	0.10	120.7	2.16	0.18
MRPXAM	398.1	0.50	0.57				302.8	1.18	1.49	279.9	2.11	1.05	96.9	0.43	1.05



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
R9T6AV	332.1	-0.66	2.07	161.9	-0.61	0.71	238.0	-0.71	1.18	234.8	0.48	1.41	87.2	-0.28	0.57
RJCKDX	272.3	-1.72	0.67	189.0	0.41	0.85	248.3	-0.41	0.95	202.7	-0.69	0.78	90.3	-0.05	0.86
RZ2UXF	449.7	1.42	0.35	219.7	1.57	3.42	292.0	0.86	1.20	214.7	-0.25	0.38	109.7	1.36	1.55
TMXLZX	294.4	-1.33	0.99	135.4	-1.60	0.22	249.8	-0.37	0.51	222.0	0.01	0.63	83.3	-0.56	0.47
V4VKZW	369.9	0.01	0.19	178.2	0.01	0.10	283.6	0.62	0.03	230.8	0.33	0.32	91.4	0.02	0.08
VDUKAU	416.7	0.83	1.62	203.3	0.95	1.47	304.7	1.23	3.20	241.0	0.70	1.81	107.3	1.19	2.88
WKAJET	346.4	-0.41	0.66	161.8	-0.61	0.24	232.2	-0.88	0.42	212.0	-0.35	0.66	80.2	-0.79	0.08
XDAGUT	337.0	-0.58	0.30	206.0	1.05	0.46	337.7	2.19	1.33	346.7	4.53X	0.70	123.3	2.36	0.20
YFTTBA	381.1	0.20	1.15	178.0	0.00	0.62	264.6	0.07	0.87	180.8	-1.48	0.73	94.3	0.23	0.66
YY93BB	251.4	-2.09	1.80	192.4	0.54	0.55	253.9	-0.25	0.74	236.1	0.52	0.09	69.5	-1.57	1.88
ZDLVE8	377.7	0.14	1.22	176.0	-0.08	0.15	262.3	0.00	0.83	254.7	1.20	1.80	101.3	0.75	0.52
ZYLZX8	553.4	3.25X	0.93	145.4	-1.23	0.47	288.9	0.77	1.08	268.3	1.69	1.10	96.5	0.39	0.67

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg	
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510	
Grand Median	369.5			178.0			262.3			221.7			91.0	
Median Abs Dev	32.5			16.1			18.8			13.1			6.7	
Avg Within Lab SD	8.8			6.5			8.0			8.4			2.9	
Labs Included	37			37			37			35			38	
Labs Reporting	38			37			38			38			38	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	2.49	0.13	0.44	1.77	0.32	0.39	11.65	-0.01	0.83	1.86	0.08	0.48	3.38	-0.31	0.46
2PTAQ6	2.31	-0.28	0.13	1.59	-0.33	0.37	10.22	-1.10	0.25	1.70	-0.39	0.09	3.29	-0.55	0.06
4NPE46	2.59	0.37	0.62	1.92	0.90	1.27	12.24	0.44	0.19	1.74	-0.26	0.15	3.59	0.21	0.65
6FBYQ2	2.91	1.10	0.35	1.72	0.14	0.65	12.59	0.70	0.31	2.45	1.85	0.87	4.00	1.25	0.43
7NY3H2	2.37	-0.15	2.08	1.70	0.07	1.49	12.40	0.56	2.32	1.97	0.40	2.43	3.53	0.07	2.69
7PULJ3	2.50	0.16		1.73	0.20	0.43	13.50	1.40	1.45	2.00	0.50	0.48	3.72	0.53	0.64
83EQ3J	2.13	-0.69	0.58	1.60	-0.30	2.58	11.77	0.08	1.68	1.77	-0.19	1.11	3.73	0.58	1.28
8B9T92	2.72	0.66	0.19	1.32	-1.37	0.94	10.39	-0.97	0.67	1.76	-0.22	0.68	3.23	-0.69	0.16
9CJY3G	1.75	-1.58	0.90	0.99	-2.59	1.73	14.37	2.06	1.13	1.34	-1.46	1.02	3.08	-1.06	0.67
9N9W4E	2.39	-0.10	0.21	1.71	0.11	0.93	13.00	1.02	0.44	2.06	0.67	0.24	3.62	0.29	0.22
AL4NGF	2.25	-0.42	0.10	1.54	-0.53	0.15	12.63	0.74	1.23	2.07	0.70	0.43	3.87	0.93	0.05
BGNHEE	2.62	0.45	0.50	1.91	0.88	0.60	11.73	0.05	0.72	1.71	-0.37	0.43	3.33	-0.43	0.34
BN8KJW	2.93	1.16	0.38	1.98	1.13	0.56	11.43	-0.18	0.76	1.85	0.05	0.71	3.82	0.80	0.21
BNM3KG	2.63	0.47	0.55	1.84	0.61	0.69	11.68	0.01	0.58	1.82	-0.05	0.33	3.71	0.52	0.59
D64TTE	2.57	0.32	3.78	1.46	-0.84	0.23	12.72	0.81	0.85	2.24	1.23	2.31	3.23	-0.69	0.22
E2JBUU	2.40	-0.06	0.15	1.55	-0.49	0.54	9.95	-1.31	0.28	1.44	-1.16	0.31	3.21	-0.74	0.63
EAW9HD	2.31	-0.28		1.69	0.04		11.60	-0.05		1.59	-0.72		3.70	0.49	
EB22AQ	1.59	-1.95	0.50	1.67	-0.03	0.52	10.97	-0.53	0.57	1.72	-0.33	0.44	3.16	-0.86	0.40
GWF9YP	2.58	0.34	0.15	1.85	0.63	0.23	13.55	1.44	0.19	2.07	0.71	0.25	3.75	0.62	0.42
GZGCNQ	2.65	0.52	0.31	1.68	0.00	0.79	10.71	-0.73	1.03	1.63	-0.60	0.51	3.78	0.70	1.85
HLD6C8	2.57	0.32	0.58	1.50	-0.68		11.60	-0.05	0.00	2.03	0.60	0.56	3.20	-0.77	0.00
JNHB78	2.13	-0.70	0.26	1.56	-0.45	0.26	10.21	-1.11	0.89	1.51	-0.95	0.45	3.07	-1.10	0.34
KDA3Z7	2.40	-0.06	1.85	1.71	0.12	1.82	12.70	0.79	1.34	1.74	-0.28	1.79	3.47	-0.08	2.26
LY9Q47	2.06	-0.85	0.59	1.30	-1.44	0.62	9.84	-1.40	0.89	1.60	-0.70	1.21	2.64	-2.18	0.52
M2UUC4	2.93	1.16	0.22	1.45	-0.88	0.11	11.53	-0.10	0.56	1.87	0.11	0.18	3.51	0.00	0.52
MJEKB4	1.75	-1.59	0.23	2.24	2.12	0.34	10.62	-0.80	0.50	2.15	0.94	0.08	3.72	0.54	0.24



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
MRPXAM	3.38	2.21	0.41				12.40	0.56	1.31	2.50	2.00	0.83	3.88	0.94	1.00
R9T6AV	2.40	-0.08	0.35	1.56	-0.46	1.52	11.91	0.19	0.86	1.97	0.41	1.69	3.24	-0.68	0.85
RJCKDX	1.50	-2.16		1.73	0.20	0.86	10.27	-1.07	0.93	1.73	-0.29	0.56	3.37	-0.35	0.48
RZ2UXF	1.87	-1.31	2.31	1.23	-1.68	1.72	8.20	-2.65X	2.68	1.23	-1.78	1.11	2.43	-2.70X	2.94
TMXLZX	2.22	-0.50	0.56	1.68	0.00	0.39	12.27	0.46	1.42	1.97	0.42	0.58	3.83	0.83	0.80
V4VKZW	2.69	0.60	0.07	1.92	0.92	0.15	10.66	-0.76	0.82	2.03	0.58	0.02	3.22	-0.72	0.12
VDUKAU	2.79	0.83	0.71	1.80	0.44	0.52	12.77	0.84	1.41	1.96	0.37	1.27	3.96	1.15	1.87
WKAJET	2.49	0.13	0.81	1.67	-0.04	0.26	11.31	-0.27	0.91	1.82	-0.05	0.11	3.34	-0.42	1.03
XDAGUT	2.97	1.25	0.82	2.26	2.17	1.67	15.95	3.27X	1.25	3.62	5.34X	1.26	6.26	6.94X	0.56
YFTTBA	2.43	0.00	0.17	1.69	0.05	0.73	10.42	-0.95	0.77	1.48	-1.04	0.35	3.47	-0.09	0.86
YY93BB	1.02	-3.27X	3.22	1.12	-2.12	1.12	7.43	-3.23X	4.10	1.47	-1.08	2.57	2.84	-1.68	2.44
ZDLVE8	2.43	-0.01	0.45	1.68	-0.01	1.21	11.37	-0.23	1.55	2.01	0.52	0.68	3.51	0.00	0.98
ZYLZX8	4.00	3.65X	0.41	1.59	-0.35	0.98	12.31	0.49	0.98	2.36	1.56	0.78	3.94	1.10	0.05
Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	2.43			1.68			11.7			1.83			3.51		
Median Abs Dev	0.20			0.12			0.9			0.18			0.27		
Avg Within Lab SD	0.10			0.07			0.3			0.10			0.12		
Labs Included	37			38			36			38			37		
Labs Reporting	39			38			39			39			39		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
22LNRM	0.43	-0.27	1.33	0.26	0.02	0.27	0.47	-0.31	0.48	0.19	-0.33	0.56	1.57	-0.01	0.29
2PTAQ6	0.84	1.81	0.21	0.49	1.90	0.98	0.63	0.47	0.13	0.50	2.23	0.15	1.01	-2.02	0.07
4NPE46	0.47	-0.09	1.12	0.18	-0.59	0.89	0.43	-0.50	1.16	0.18	-0.45	0.85	1.59	0.06	0.71
6FBYQ2	0.54	0.27	0.36	0.27	0.15	1.28	0.48	-0.23	0.98	0.27	0.35	1.43	1.69	0.45	0.32
7NY3H2	0.67	0.93	1.60	0.30	0.35	0.00	0.63	0.47	1.61	0.33	0.84	2.45	1.67	0.35	1.60
7PULJ3	0.58	0.50	0.80	0.32	0.49	1.23	0.58	0.23	0.81	0.28	0.42	1.22	1.75	0.65	
83EQ3J	0.50	0.08	2.76	0.83	4.66X	43.05	0.53	0.00	1.61	0.23	0.00	2.45	1.70	0.47	0.00
8B9T92	0.24	-1.28	0.67				0.19	-1.62	1.18				1.38	-0.67	0.72
9CJY3G	1.08	3.03X	1.96	0.13	-1.01	1.34	0.93	1.85	2.79	0.31	0.63	0.64	1.66	0.31	0.76
AL4NGF	0.66	0.88	0.16	0.32	0.51	0.00	0.64	0.50	0.00	0.37	1.14	0.00	1.76	0.69	0.14
BGNHEE	0.39	-0.50	0.16	0.21	-0.37	0.00	0.40	-0.62	0.00	0.15	-0.67	0.24	1.43	-0.52	0.08
BN8KJW	0.45	-0.16	0.89	0.25	-0.08	0.65	0.46	-0.33	0.34	0.18	-0.41	0.37	1.61	0.14	0.37
BNM3KG	0.44	-0.21	0.16	0.29	0.30	0.49	0.50	-0.17	0.70	0.23	-0.03	0.42	1.47	-0.36	0.30
E2JBUU	0.43	-0.28	0.55	0.25	-0.02	0.25	0.66	0.59	0.28	0.23	0.00	1.22	1.57	0.00	0.55
EB22AQ	0.51	0.11	0.70	0.49	1.92	0.65	0.78	1.13	0.58	0.22	-0.11	1.27	1.36	-0.77	0.32
GWF9YP	0.48	-0.01	0.42	0.23	-0.19	0.25	0.47	-0.28	0.16	0.22	-0.11	0.42	1.48	-0.31	0.29
GZGCNQ	0.33	-0.79	0.90	0.12	-1.11	0.42	0.26	-1.25	0.09	0.02	-1.77	0.16	1.13	-1.58	2.61
JNHB78	0.26	-1.15	0.28	0.09	-1.32	0.89	0.33	-0.93	0.58	0.11	-1.03	0.00	1.34	-0.84	0.16
KDA3Z7	0.41	-0.37	1.28	0.12	-1.10	0.00	0.33	-0.93	0.32	0.16	-0.61	0.85	0.49	-3.91X	0.42
LY9Q47	0.55	0.35	0.97	0.28	0.22	3.19	0.56	0.11	1.82	0.32	0.73	0.73	1.53	-0.16	0.45
M2UUC4	0.49	0.01	1.29	0.16	-0.81	0.14	0.39	-0.69	0.18	0.14	-0.80	0.11	1.75	0.64	0.19
MJEKB4	0.86	1.90	0.69	0.81	4.47X	1.25	1.00	2.15	1.66	0.71	4.02X	1.58	2.50	3.37X	0.75
MRPXAM							1.70	5.42X	2.89	1.58	11.30X	10.55	2.12	1.98	2.43
R9T6AV	0.32	-0.83	0.78	0.13	-1.00	0.12	0.37	-0.77	0.16	0.15	-0.70	1.37	1.74	0.61	1.05
RJCKDX	2.13	8.43X	1.60	1.90	13.28X	4.26	2.23	7.91X	4.27	1.90	13.95X	4.24	3.10	5.53X	2.40
RZ2UXF	0.83	1.78	1.60	1.57	10.59X	2.46	1.03	2.33X	3.23	2.03	15.07X	12.94	4.20	9.50X	3.66



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
TMXLZX	0.47	-0.09	0.77	0.26	0.03	0.56	0.54	0.05	0.09	0.23	0.00	0.15	1.78	0.76	0.47
V4VKZW	0.61	0.66	0.12	0.25	-0.04	0.05	0.55	0.09	0.06	0.26	0.19	0.04	1.45	-0.43	0.24
VDUKAU	0.26	-1.13	1.12	0.14	-0.97	2.34	0.28	-1.18	0.56	0.07	-1.40	1.49	1.51	-0.20	1.12
WKAJET	0.88	2.02	0.83	0.40	1.16	0.74	0.74	0.98	1.38	0.35	0.98	0.42	1.31	-0.95	0.35
YFTTBA	0.57	0.43	0.64	0.43	1.40	0.64	0.56	0.14	0.91	0.33	0.81	0.70	1.34	-0.84	0.68
ZDLVE8													2.08	1.83	2.56
ZYLZX8	1.17	3.51X	1.92	0.32	0.48	0.24	0.75	0.99	0.83	0.41	1.48	0.54	1.84	0.96	0.33
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median		0.48		0.26		0.53		0.23		1.57					
Median Abs Dev		0.09		0.06		0.11		0.08		0.17					
Avg Within Lab SD		0.04		0.02		0.04		0.02		0.07					
Labs Included		28		26		29		27		29					
Labs Reporting		31		30		32		31		33					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

P ICP (volume extraction) (SubTestCode 1691) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/L

SRS2506				SRS2507				SRS2508				SRS2509				SRS2510			
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	
GZGCNQ	68.4		1.00	363.3		1.00	97.8		1.00	15.1		1.00	45.9		1.00				

P ICP (volume extraction) (SubTestCode 1691) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/L

	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	68.4	363.3	97.8	15.1	45.9
Median Abs Dev					
Avg Within Lab SD	0.4	7.4	1.4	0.2	0.4
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K ICP (volume extraction) (SubTestCode 1692) in the Mehlich-3 Mult-Element Property Groups													Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
GZGCNQ	48.7		1.00	86.8		1.00	208.8		1.00	130.8		1.00	328.0		1.00

K ICP (volume extraction) (SubTestCode 1692) in the Mehlich-3 Mult-Element Property Groups													Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	48.7			86.8			208.8			130.8			328.0		
Median Abs Dev															
Avg Within Lab SD	0.9			3.0			5.7			4.8			3.4		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca ICP (volume extraction) (SubTestCode 1693) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/L		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
GZGCNQ	1,225.0		1.00	998.0		1.00	661.2		1.00	1,188.7		1.00	7,595.3		1.00	

Ca ICP (volume extraction) (SubTestCode 1693) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/L
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	1,225.0	998.0	661.2	1,188.7	7,595.3
Median Abs Dev					
Avg Within Lab SD	9.0	34.7	21.8	34.3	68.0
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg ICP (volume extraction) (SubTestCode 1694) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/L			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
GZGCNQ	120.7		1.00	81.6		1.00	185.9		1.00	232.0		1.00	608.9		1.00			

Mg ICP (volume extraction) (SubTestCode 1694) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/L	
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510	
Grand Median	120.7			81.6			185.9			232.0			608.9	
Median Abs Dev														
Avg Within Lab SD	1.6			3.0			5.5			8.5			6.5	
Labs Included	1			1			1			1			1	
Labs Reporting	1			1			1			1			1	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

S ICP (volume extraction) (SubTestCode 1695) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/L			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
GZGCNQ	4.56		1.00				10.57		1.00			4.65		1.00		6.67		1.00

S ICP (volume extraction) (SubTestCode 1695) in the Mehlich-3 Multi-Element Property Groups																Data units: mg/L		
	SRS2506				SRS2507				SRS2508				SRS2509				SRS2510	
Grand Median	4.56								10.6				4.65				6.67	
Median Abs Dev																		
Avg Within Lab SD	0.46				0.00				0.2				0.68				2.82	
Labs Included	1				0				1				1				1	
Labs Reporting	1				0				1				1				1	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	0.81	0.36	0.21	0.98	0.00	0.17	1.10	0.36	0.10	1.25	0.98	0.03	0.74	1.04	0.11
2PTAQ6	0.67	-0.50	1.12	1.37	1.94	1.23	1.27	1.39	0.86	1.07	0.00	0.72	0.67	0.33	1.30
3463VM	0.67	-0.46	0.59	0.80	-0.86	0.75	0.94	-0.62	0.09	1.04	-0.16	0.14	0.59	-0.39	0.13
3DWDAP	0.69	-0.34	0.11	0.80	-0.86	0.25	1.04	-0.01	0.09	0.91	-0.81	0.00	0.60	-0.27	0.22
6B2JLJ	0.63	-0.70	1.12	0.70	-1.37	2.13	0.80	-1.45	0.00	1.00	-0.35	1.25	0.47	-1.49	1.30
6FBYQ2	0.63	-0.74	0.82	0.80	-0.90	0.70	0.90	-0.85	1.89	0.99	-0.39	0.48	0.45	-1.63	0.16
74F2M3	0.67	-0.50	1.12	1.23	1.28	2.46	1.17	0.78	2.27	0.80	-1.39	0.00	0.70	0.64	0.00
78ECH3	0.83	0.48	0.51	1.18	0.99	0.69	1.08	0.28	0.31	1.21	0.76	0.19	0.68	0.49	0.69
7NY3H2	0.78	0.18	0.85	0.78	-0.97	1.09	0.94	-0.62	1.33	0.95	-0.62	0.17	0.39	-2.19	0.49
7PULJ3	0.75	0.00	0.18	0.91	-0.35	0.58	1.04	0.01	0.54	1.12	0.28	0.33	0.60	-0.32	0.28
8AJAKH	0.76	0.04	1.34	0.92	-0.28	0.89	1.07	0.22	2.06	1.10	0.15	1.19	0.56	-0.60	0.74
9CJY3G	0.45	-1.80	0.13	0.93	-0.22	0.11	0.89	-0.88	0.23	0.78	-1.47	0.14	0.45	-1.60	0.28
A8H7QX	0.50	-1.49	0.19	1.10	0.61	0.37	1.05	0.07	0.65	0.97	-0.50	0.33	0.56	-0.67	0.13
A9UTFY	0.76	0.06	1.08	0.96	-0.07	0.62	1.05	0.05	1.56	1.21	0.76	1.37	0.68	0.49	0.52
AGT9CY	0.58	-1.00	0.59	0.82	-0.79	1.50	0.85	-1.15	0.59	1.07	0.02	0.69	0.61	-0.15	1.46
BQFQ6X	0.80	0.28	1.58	1.22	1.23	3.05	1.94	5.49X	13.09	1.37	1.58	4.46	0.67	0.39	1.24
BUBPBF	0.86	0.63	0.13	1.10	0.63	0.30	1.19	0.95	0.16	1.24	0.91	0.17	0.64	0.10	0.36
BW3NPE	0.75	-0.02	0.45	0.88	-0.46	0.25	0.99	-0.31	0.17	1.23	0.85	0.12	0.67	0.33	0.13
BXCPC	0.84	0.54	0.03	1.13	0.78	0.60	1.20	0.97	0.10	1.21	0.74	0.17	0.72	0.78	0.24
CQ87TE	0.83	0.49	0.05	1.09	0.55	0.07	1.25	1.27	0.05	1.21	0.77	0.03	0.70	0.65	0.06
CXRAZG	1.01	1.57	0.38	0.99	0.05	0.09	1.13	0.55	0.52	1.05	-0.10	0.10	0.64	0.07	0.34
D64TTE	0.78	0.19	0.21	0.94	-0.18	0.01	1.01	-0.19	0.29	1.16	0.50	0.07	0.69	0.52	0.10
E2JBUU	0.87	0.74	0.30	1.17	0.94	0.49	1.54	3.04X	0.37	0.89	-0.94	0.19	0.77	1.30	0.26
EA8B4C	0.84	0.56	0.11	1.02	0.23	0.33	1.11	0.44	0.15	1.36	1.54	0.14	0.66	0.24	0.47
ETMK6D	0.89	0.81	0.60	1.03	0.27	0.34	1.18	0.84	0.46	1.24	0.89	0.86	0.63	-0.03	0.28
FJE63B	0.73	-0.12	0.19	0.91	-0.35	0.44	1.00	-0.25	0.45	1.24	0.92	0.38	0.77	1.24	0.34



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
GE2RRQ	0.55	-1.18	0.40	1.01	0.18	0.62	1.05	0.07	1.12	1.03	-0.17	0.56	0.63	0.00	0.45
HF9LT9	0.66	-0.53	0.27	0.83	-0.71	1.10	0.93	-0.68	0.29	1.09	0.14	0.27	0.62	-0.13	0.21
J6KUZN	1.30	3.29X		1.50	2.60X		1.60	3.43X		2.00	4.85X		0.90	2.46X	
K2K7X8	0.71	-0.25	0.00	0.89	-0.44	0.00	1.00	-0.23		1.00	-0.36	0.00	0.63	0.02	0.00
LJW6PM	0.83	0.46	2.50	0.90	-0.38	0.37	1.00	-0.25	1.35	1.04	-0.12	0.64	0.58	-0.49	0.47
LY9Q47	0.87	0.74	2.32	1.23	1.28	1.36	1.29	1.52	1.59	1.27	1.07	2.83	0.87	2.18	4.49
MJVU46	0.56	-1.15	0.54	1.21	1.17	0.39	0.81	-1.37	0.19	0.35	-3.71X	0.14	0.40	-2.10	0.22
NDHFTJ	1.26	3.05X		2.06	5.39X		1.53	3.01X		1.10	0.16		0.67	0.39	
NYYNB4	0.57	-1.06	1.73	1.17	0.97	1.32	1.04	0.01	1.19	1.03	-0.18	0.97	0.59	-0.40	0.66
Q7E99Z	0.63	-0.70	1.12	0.80	-0.88	0.00	0.90	-0.84	0.00	1.03	-0.17	0.72	0.53	-0.88	1.30
QMYWKG	0.76	0.04	0.30	2.33	6.71X	0.49	1.87	5.10X	0.62	0.92	-0.76	0.43	0.77	1.30	0.13
RQB76X	0.78	0.18	0.51	0.94	-0.18	1.69	1.03	-0.03	1.63	1.17	0.55	0.31	0.63	0.00	0.22
RTJECX	0.64	-0.67	0.75	0.70	-1.37	0.82	0.70	-2.05	0.51	0.85	-1.14	1.52	0.57	-0.57	0.34
U6NALD	0.87	0.70	1.12	1.00	0.12		1.10	0.38	0.00	1.30	1.21	0.00	0.63	0.03	1.30
VCJJMV	0.88	0.80	0.22	1.02	0.22	0.21	1.22	1.09	0.23	1.30	1.20	0.26	0.74	0.97	0.26
VDUKAU	0.84	0.54	3.11	1.12	0.70	0.81	1.12	0.48	1.28	1.04	-0.12	1.46	0.62	-0.12	1.35
VGFXGD	0.94	1.15	0.42	1.17	0.95	0.84	1.13	0.54	1.43	0.92	-0.79	0.10	0.69	0.52	1.35
VLBU2X				1.00	0.12		1.00	-0.23		1.00	-0.35				
WGA6XV	0.50	-1.49		0.87	-0.55	1.23	0.87	-1.05	0.86	0.83	-1.21	0.72	0.53	-0.88	1.30
WKAJET	0.45	-1.79	1.60	0.79	-0.92	0.59	0.84	-1.24	0.56	0.84	-1.16	0.22	0.48	-1.33	0.61
WUHVUB	0.86	0.63	0.76	0.98	0.00	0.20	1.00	-0.23	0.57	1.16	0.50	0.56	0.58	-0.44	1.02
YMELLA	0.61	-0.82	1.47	1.19	1.08	2.07	1.30	1.60	2.83	1.21	0.76	1.75	0.62	-0.12	2.60
YQCCJ9	0.40	-2.09	0.00	0.90	-0.38	0.00	0.77	-1.66	0.86	0.67	-2.08	0.72	0.40	-2.09	0.00
YY93BB	0.61	-0.83	0.24	1.37	1.93	0.13	1.11	0.45	0.28	1.04	-0.11	0.31	0.64	0.11	0.27
ZYLZX8	0.75	0.00	0.71	0.84	-0.68	0.09	0.95	-0.52	0.07	1.14	0.36	0.10	0.63	-0.01	0.11



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	0.75	0.98	1.04	1.07	0.63
Median Abs Dev	0.10	0.13	0.09	0.14	0.05
Avg Within Lab SD	0.05	0.05	0.07	0.08	0.04
Labs Included	48	48	46	49	49
Labs Reporting	50	51	51	51	50



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	18.33	0.70	0.24	1.46	0.04	0.09	10.87	0.53	0.27	51.88	0.58	0.15	28.47	1.69	0.90
2PTAQ6	13.07	-0.45	1.80	2.20	2.11	1.43	10.90	0.54	2.06	42.63	-0.33	1.44	21.20	0.19	2.44
3463VM	15.13	0.00	0.10	1.30	-0.42	0.00	9.43	-0.23	0.12	45.33	-0.06	0.11	20.30	0.00	0.46
3DWDAP	17.63	0.55	0.27	1.43	-0.04	0.48	8.67	-0.63	0.43	44.40	-0.15	0.09	20.17	-0.03	0.59
6B2JLJ	14.17	-0.21	1.35	1.13	-0.89	1.26	7.30	-1.35	0.84	50.30	0.43	1.68	15.63	-0.96	0.39
6FBYQ2	17.79	0.58	0.40	1.21	-0.68	0.15	10.71	0.45	0.35	49.57	0.35	0.18	21.48	0.24	0.16
74F2M3	11.90	-0.70	2.47	2.00	1.54		7.77	-1.11	0.24	29.27	-1.64	0.12	16.00	-0.89	0.22
78ECH3	17.43	0.51	0.54	1.53	0.24	0.48	9.87	0.00	1.78	52.57	0.65	0.80	22.63	0.48	1.02
7NY3H2	18.53	0.75	0.89	1.42	-0.08	1.33	10.13	0.14	1.26	51.10	0.50	0.34	23.23	0.61	1.52
7PULJ3	18.36	0.71	0.54	1.52	0.20	0.51	10.44	0.30	1.05	50.70	0.47	0.26	22.29	0.41	1.00
8AJAKH	16.67	0.34	1.67	0.27	-3.30	1.31	10.60	0.39	0.42	50.73	0.47	1.80	18.50	-0.37	0.88
9CJY3G	10.10	-1.09	0.18	1.37	-0.21	0.21	9.20	-0.35	0.43	32.77	-1.30	0.20	16.07	-0.87	0.45
A8H7QX	11.57	-0.77	0.20	1.80	0.98	0.00	9.43	-0.23	0.12	40.13	-0.57	0.62	17.37	-0.61	0.29
A9UTFY	16.00	0.19	1.70	1.42	-0.08	0.44	10.27	0.21	1.89	49.10	0.31	1.16	21.43	0.23	0.77
AGT9CY	14.40	-0.16	0.47	0.65	-2.25	0.21	7.54	-1.22	0.04	46.40	0.04	0.15	16.67	-0.75	0.39
BQFQ6X	11.60	-0.77	0.35	1.87	1.17	0.95	8.33	-0.81	0.48	39.43	-0.64	0.47	19.33	-0.20	1.18
BUBPBF	21.83	1.46	0.65	1.48	0.10	0.29	14.81	2.60	0.93	56.43	1.03	1.14	27.45	1.48	0.60
BXCPC	12.91	-0.48	0.28	1.15	-0.83	0.01	10.44	0.30	0.05	36.79	-0.90	0.56	20.93	0.13	0.00
CQ87TE	11.43	-0.80	0.01	0.94	-1.42	0.01	8.37	-0.79	0.02	33.02	-1.27	0.03	17.79	-0.52	0.03
CXRAZG	16.04	0.20	0.54	0.63	-2.29	0.07	9.63	-0.13	0.26	50.17	0.41	0.47	22.74	0.50	0.66
D64TTE	20.61	1.20	0.44	1.59	0.40	0.36	13.20	1.75	0.48	58.70	1.25	0.17	30.61	2.13	0.48
E2JBUU	11.15	-0.86	0.16	1.67	0.63	1.22	10.70	0.44	0.32	30.06	-1.56	0.41	18.28	-0.42	0.16
EA8B4C	22.27	1.56	0.33	1.60	0.43	0.13	11.07	0.63	0.04	59.45	1.32	0.08	27.38	1.46	0.27
ETMK6D	8.70	-1.40	0.02	1.35	-0.29	0.23	5.22	-2.45	0.28	26.28	-1.93	0.02	11.99	-1.72	0.31
FJE63B	18.90	0.83	0.48	1.39	-0.17	0.08	11.05	0.62	0.59	54.79	0.87	0.10	29.24	1.85	0.46
GE2RRQ	12.01	-0.68	1.46	1.64	0.53	0.39	10.81	0.50	1.62	42.55	-0.33	1.24	17.15	-0.65	1.10



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
HF9LT9	14.74	-0.08	0.49	1.20	-0.69	0.44	9.70	-0.09	0.21	48.70	0.27	0.69	20.43	0.03	0.13
JNHB78	16.37	0.27	0.67				12.53	1.40	0.48	57.33	1.12	0.28	25.00	0.97	2.21
K2K7X8	10.40	-1.03	0.00	1.02	-1.20	0.00	7.08	-1.47	0.00	32.70	-1.30	0.00	14.20	-1.26	0.00
LJW6PM	17.67	0.56	1.01	1.35	-0.27	0.41	10.30	0.23	1.26	44.45	-0.15	0.68	21.64	0.28	1.91
LY9Q47	12.10	-0.66	2.42	1.97	1.45	1.90	11.50	0.86	1.27	44.40	-0.15	2.37	18.83	-0.30	1.84
MJUV46	11.01	-0.89	0.36	1.64	0.53	0.42	7.65	-1.17	0.19	14.38	-3.10X	0.13	14.96	-1.10	0.41
NDHFTJ	23.82	1.90		3.90	6.86X		16.16	3.32X		46.89	0.09		22.52	0.46	
NYYNB4	10.31	-1.05	2.04	1.68	0.65	1.07	8.19	-0.88	1.26	41.09	-0.48	2.13	15.05	-1.08	1.27
Q7E99Z	15.50	0.08	0.47	1.20	-0.70	0.00	7.57	-1.21	0.32	49.30	0.33	0.43	16.80	-0.72	0.80
QMYWKG	9.65	-1.19	0.20	1.62	0.47	0.34	6.78	-1.63	0.29	35.37	-1.04	0.13	15.09	-1.08	0.24
RQB76X	17.33	0.48	1.98	1.50	0.14	1.43	10.30	0.23	1.78	49.00	0.30	0.90	22.13	0.38	1.28
RTJECX	14.75	-0.08	1.73	1.11	-0.96	0.46	6.40	-1.82	0.40	33.29	-1.24	1.51	19.96	-0.07	0.89
U6NALD	17.20	0.45	0.18	1.37	-0.23	0.48	9.23	-0.33	0.12	51.10	0.50	0.39	21.77	0.30	0.32
VCJJMV	21.03	1.29	0.61	1.39	-0.16	0.62	9.94	0.04	0.69	54.66	0.85	0.58	26.69	1.32	1.39
VDUKAU	12.70	-0.53	0.64	2.02	1.59	1.57	9.81	-0.03	2.13	47.30	0.13	3.48	18.90	-0.29	1.59
VGFXGD	15.81	0.15	0.42	1.32	-0.36	0.39	9.35	-0.27	2.63	34.24	-1.15	0.21	21.24	0.19	0.76
VLBU2X	18.33	0.70	0.67	1.60	0.42	0.82	11.87	1.05	0.53	48.00	0.20	1.00	24.23	0.81	1.70
WKAJET	10.81	-0.94	0.34	1.29	-0.45	0.28	8.41	-0.77	0.59	36.24	-0.95	1.07	15.82	-0.93	0.33
WUHVUB	15.96	0.18	1.29	1.50	0.14	0.86	10.71	0.44	1.85	50.56	0.45	0.79	22.44	0.44	1.45
YMELLA	11.50	-0.79	1.53	1.59	0.39	0.75	10.87	0.53	1.57	39.57	-0.63	1.16	17.87	-0.50	1.29
YQCCJ9	10.00	-1.11		1.67	0.61	4.76	10.00	0.07		35.00	-1.08		19.00	-0.27	
YY93BB	11.96	-0.69	0.25	1.92	1.33	0.28	10.54	0.35	0.16	40.52	-0.53	0.22	20.88	0.12	0.70
ZYLZX8	15.11	0.00	0.20	1.35	-0.28	0.25	8.48	-0.73	0.17	45.51	-0.04	0.20	16.62	-0.76	0.30



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	15.1	1.45	9.87	46.0	20.3	
Median Abs Dev	3.2	0.16	1.00	5.3	2.4	
Avg Within Lab SD	0.6	0.12	0.48	2.0	0.8	
Labs Included	49	46	47	48	49	
Labs Reporting	49	48	49	49	49	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	137.9	0.44	0.10	14.0	0.41	0.05	28.0	-0.35	0.06	114.3	0.69	0.23	15.5	0.25	0.22
2PTAQ6	123.1	0.07	0.06	17.4	1.41	0.35	35.0	0.52	0.16	94.3	0.00	0.22	15.6	0.29	0.36
3463VM	100.1	-0.51	0.13	10.3	-0.68	0.42	23.0	-0.98	0.06	88.7	-0.19	0.12	15.2	0.18	0.24
3DWDAP	115.7	-0.12	0.05	11.0	-0.48		32.3	0.19	0.19	74.0	-0.69		14.7	0.02	0.90
6B2JLJ	105.7	-0.37	1.07	7.3	-1.56	0.76	20.0	-1.36		88.0	-0.21	1.58	11.7	-0.79	0.90
6FBYQ2	159.6	0.99	0.80	12.6	0.00	0.40	30.8	0.00	0.43	117.2	0.79	0.14	16.0	0.38	0.46
74F2M3	108.2	-0.30	1.42	13.9	0.38	0.88	25.1	-0.72	0.09	64.4	-1.02	0.33	12.2	-0.66	0.18
78ECH3	183.9	1.60	0.26	16.3	1.08	1.27	39.3	1.06	1.14	144.0	1.70	1.04	19.6	1.36	0.96
7NY3H2	172.0	1.30	2.40	14.7	0.61	0.92	33.7	0.36	0.23	113.0	0.64	1.42	14.5	-0.02	2.05
7PULJ3	146.0	0.64	0.52	12.7	0.02	0.26	44.4	1.69	0.06	114.3	0.69	0.85	15.5	0.24	1.48
8AJAKH	120.3	0.00	1.08	11.8	-0.24	1.68	27.1	-0.47	0.83	90.7	-0.12	1.22	13.6	-0.26	1.72
9CJY3G	77.2	-1.08	0.26	12.1	-0.15	0.33	24.8	-0.75	0.26	68.1	-0.90	0.39	10.9	-1.00	0.31
A8H7QX	104.2	-0.41	0.18	17.6	1.47	1.10	38.5	0.96	1.08	86.1	-0.28	0.46	13.7	-0.25	0.09
A9UTFY	126.0	0.14	0.60	12.8	0.06	1.91	27.9	-0.37	0.80	108.3	0.48	0.78	18.2	0.99	0.39
AGT9CY	97.5	-0.57	0.27	11.8	-0.24	0.35	24.3	-0.82	0.15	81.6	-0.43	0.17	10.9	-0.99	0.24
BQFQ6X	165.6	1.14	2.19	20.3	2.27	2.68	49.0	2.28	1.40	118.6	0.83	0.93	21.8	1.97	3.82
BUBPBF	101.1	-0.48	0.06	14.2	0.48	0.70	47.1	2.03	0.57	155.2	2.09	0.41	16.4	0.49	0.32
BW3NPE	136.9	0.42	0.18	10.4	-0.67	0.28	30.8	0.00	0.42	118.2	0.82	0.25	16.1	0.41	0.28
BXCPC	154.5	0.86	0.01	11.1	-0.44	0.02	31.0	0.02	0.02	104.1	0.34	0.03	17.2	0.71	0.01
CQ87TE	160.9	1.02	0.01	12.3	-0.11	0.05	32.7	0.24	0.01	118.6	0.83	0.01	18.8	1.14	0.07
CXRAZG	95.1	-0.63	0.02	12.9	0.07	0.94	34.3	0.43	0.34	79.6	-0.50	0.18	19.7	1.41	1.67
D64TTE	132.8	0.31	0.09	10.3	-0.68	0.04	28.2	-0.33	0.16	112.0	0.61	0.07	16.9	0.64	0.05
E2JBUU	127.6	0.18	0.11	13.5	0.25	0.58	36.7	0.73	0.16	76.4	-0.61	0.19	17.9	0.91	0.62
EA8B4C	198.6	1.97	0.05	15.0	0.70	0.69	47.8	2.12	0.30	145.2	1.74	0.16	8.4	-1.69	0.09
ETMK6D	127.8	0.19	0.06	9.1	-1.03	0.29	28.5	-0.30	0.00	95.5	0.04	0.25	11.1	-0.95	0.38
FJE63B	109.5	-0.27	0.24	7.9	-1.39	0.10	21.6	-1.16	0.29	100.2	0.20	0.32	15.5	0.24	0.23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
GE2RRQ	93.3	-0.68	0.27	12.3	-0.08	0.59	30.4	-0.06	1.41	83.7	-0.36	0.40	12.7	-0.51	0.32
HF9LT9	126.4	0.15	0.15	10.8	-0.55	0.89	26.1	-0.60	0.24	109.7	0.53	0.80	16.3	0.47	0.33
J6KUZN				15.3	0.79								8.7	-1.60	
JNHB78										138.0	1.50				
K2K7X8	97.4	-0.58	0.00	10.7	-0.57	0.00	25.3	-0.69	0.00	84.0	-0.35		13.2	-0.38	0.00
LJW6PM	130.6	0.26	3.87	9.4	-0.94	0.73	32.0	0.15	4.50	88.3	-0.20	1.78	13.5	-0.29	2.02
LY9Q47	194.9	1.87	2.98	28.9	4.78X	9.54	65.8	4.38X	4.67	141.0	1.60	5.04	34.4	5.39X	15.12
MJVU46	103.0	-0.44	0.23	14.5	0.54	0.16	23.8	-0.88	0.07	35.0	-2.03	0.09	9.4	-1.42	0.58
NDHFTJ	309.1	4.74X		97.0	24.85X		88.0	7.17X		107.6	0.46		23.4	2.39	
NYYNB4	71.7	-1.22	0.32	14.3	0.50	3.03	30.3	-0.06	3.47	72.3	-0.75	0.55	11.4	-0.86	0.22
Q7E99Z	97.3	-0.58	0.25	10.0	-0.78		23.3	-0.94	0.19	86.3	-0.27	0.67	12.3	-0.61	0.90
QMYWKG	115.5	-0.12	0.22	13.5	0.26	0.19	33.4	0.31	0.17	83.7	-0.36	0.05	13.8	-0.20	0.10
RQB76X	140.7	0.51	2.47	13.7	0.31	1.03	31.1	0.03	0.82	108.0	0.47	0.44	16.1	0.41	0.72
RTJECX	95.8	-0.62	0.32	6.7	-1.76	0.69	16.6	-1.78	0.05	61.9	-1.11	0.65	13.0	-0.44	0.67
U6NALD	175.3	1.38	0.01	14.5	0.56	0.86	40.3	1.19	0.03	124.8	1.05	0.36	13.4	-0.31	0.24
VCJJMV	191.1	1.78	0.35	10.4	-0.65	0.09	33.3	0.30	0.35	103.5	0.31	0.14	14.2	-0.10	0.81
VDUKAU	107.0	-0.33	0.34	15.1	0.72	2.57	32.2	0.17	0.64	92.4	-0.06	1.94	14.2	-0.10	1.01
VGFXGD	154.5	0.86	0.81	12.3	-0.10	0.45	33.6	0.35	1.46	125.3	1.06	0.63	20.0	1.48	1.49
VLBU2X	152.0	0.80	0.56	16.3	1.09	0.76	33.7	0.35	0.67	98.7	0.15	0.63	16.7	0.57	0.90
WGA6XV	73.0	-1.19	0.66	6.8	-1.72	0.92	19.1	-1.47	0.51	55.1	-1.34	0.16	11.6	-0.80	0.71
WKAJET	65.4	-1.38	0.19	7.9	-1.39	0.58	22.6	-1.03	0.55	58.7	-1.22	0.50	10.6	-1.10	0.52
WUHVUB	131.5	0.28	0.52	14.6	0.57	0.38	32.2	0.17	0.26	119.1	0.85	0.45	17.3	0.75	1.04
YMELLA	92.3	-0.70	0.17	12.3	-0.11	0.90	26.6	-0.53	0.39	82.0	-0.42	0.74	13.5	-0.29	1.72
YQCCJ9	88.3	-0.80	0.13	15.0	0.70		33.0	0.27	0.97	93.0	-0.04	0.17	15.0	0.11	
YY93BB	103.3	-0.43	0.11	15.5	0.86	0.33	28.1	-0.34	0.14	90.4	-0.13	0.17	15.5	0.24	0.19
ZYLZX8	116.5	-0.10	0.09	10.5	-0.64	0.59	27.3	-0.44	0.14	85.4	-0.30	0.29	14.3	-0.08	0.24



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510	
Grand Median	120.3	12.6	30.8	94.3	14.6	
Median Abs Dev	22.8	1.9	3.6	15.5	1.8	
Avg Within Lab SD	11.6	0.8	3.1	6.0	0.6	
Labs Included	49	49	48	51	50	
Labs Reporting	50	51	50	51	51	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	1.46	0.78	0.19	0.47	0.25	0.19	5.80	0.47	0.11	1.47	1.06	0.38	2.03	1.37	0.09
2PTAQ6	1.17	-0.07	0.73	0.60	1.25	0.00	6.47	1.13	0.58	1.30	0.45	0.00	1.80	0.48	0.68
3463VM	1.09	-0.29	0.33	0.43	-0.06	0.85	4.89	-0.41	0.15	1.16	-0.06	0.30	1.78	0.41	0.17
3DWDAP	1.05	-0.42	0.19	0.35	-0.71	0.11	5.13	-0.18	0.10	0.97	-0.76	0.40	1.57	-0.42	0.04
6B2JLJ	1.00	-0.56	1.26	0.23	-1.59	1.13	4.37	-0.92	1.92	1.17	-0.04	2.32	1.57	-0.42	1.03
6FBYQ2	1.38	0.55	0.90	0.32	-0.92	0.52	5.61	0.29	0.28	1.14	-0.12	0.26	1.61	-0.26	0.02
74F2M3	1.17	-0.07	3.65	0.60	1.25	0.00	4.83	-0.46	0.58	0.80	-1.37	0.00	1.67	-0.04	0.39
78ECH3	1.62	1.25	0.26	0.64	1.54	0.11	5.75	0.43	0.25	1.53	1.28	0.95	2.05	1.46	0.37
7NY3H2	1.36	0.50	2.49	0.40	-0.31	0.38	5.77	0.44	1.68	1.45	0.99	1.90	1.65	-0.09	0.41
7PULJ3	1.28	0.27	0.90	0.39	-0.35	0.62	5.59	0.27	1.07	1.27	0.34	0.76	1.76	0.34	0.69
8AJAKH	1.18	-0.04	0.70	0.37	-0.57	0.27	4.96	-0.34	0.41	1.13	-0.19	0.49	1.62	-0.22	0.47
8B9T92	1.77	1.69	0.16	0.86	3.24X	0.80	6.75	1.41	0.45	1.14	-0.12	0.70	2.10	1.64	0.08
9CJY3G	0.86	-0.96	0.21	0.40	-0.29	0.50	4.26	-1.03	0.73	0.88	-1.10	0.53	1.15	-2.03	0.68
A8H7QX	0.86	-0.96	0.41	0.46	0.17	0.20	5.20	-0.11	0.40	1.03	-0.54	0.15	1.51	-0.63	0.24
A9UTFY	1.31	0.34	0.51	0.45	0.09	0.39	5.54	0.22	0.96	1.30	0.43	0.68	1.87	0.76	0.41
AGT9CY	0.98	-0.61	0.39	0.41	-0.25	0.30	4.68	-0.61	0.12	1.07	-0.40	0.63	1.53	-0.58	0.38
BQFQ6X	1.34	0.44	1.64	0.75	2.42	1.89	7.09	1.73	2.47	1.35	0.61	3.64	1.46	-0.83	2.65
BUBPBF	2.13	2.77X	0.23	0.55	0.84	0.67	8.09	2.70X	0.77	1.81	2.31	1.72	2.40	2.80X	0.10
BW3NPE	1.28	0.26	0.22	0.33	-0.84	0.20	5.31	0.00	0.13	1.31	0.47	0.38	1.93	0.97	0.10
BXCPC	1.77	1.71	0.06	0.49	0.41	0.04	6.42	1.08	0.00	1.60	1.55	0.02	2.04	1.41	0.03
CQ87TE	1.56	1.09	0.03	0.44	0.00	0.04	5.45	0.13	0.01	1.78	2.21	0.02	1.76	0.34	0.03
CXRAZG	1.43	0.70	0.81	0.45	0.09	0.68	5.25	-0.06	0.29	1.31	0.50	0.33	1.57	-0.41	0.14
D64TTE	1.33	0.41	0.25	0.22	-1.68	0.04	5.88	0.56	0.17	1.24	0.23	0.26	1.91	0.90	0.14
E2JBUU	1.16	-0.08	0.44	0.64	1.54	0.23	6.78	1.43	0.33	0.93	-0.91	0.23	1.86	0.71	0.24
EA8B4C	1.76	1.68	0.13	0.47	0.25	0.00	6.80	1.45	0.14	1.69	1.86	0.00	2.06	1.47	0.04
ETMK6D	1.24	0.14	0.15	0.34	-0.79	0.30	4.59	-0.70	0.11	1.23	0.19	0.36	1.27	-1.56	0.17



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
FJE63B	1.00	-0.56	0.13	0.22	-1.72	0.11	4.90	-0.40	0.32	1.07	-0.40	0.18	1.88	0.79	0.07
GE2RRQ	0.93	-0.77	1.52	0.42	-0.17	0.74	5.81	0.49	1.81	1.12	-0.20	1.62	1.38	-1.15	0.64
HF9LT9	1.09	-0.28	0.28	0.36	-0.61	0.41	4.69	-0.61	0.04	1.14	-0.13	0.08	1.68	0.03	0.04
JNHB78	1.31	0.34	0.51				6.38	1.04	0.84	1.51	1.20	0.72	1.87	0.74	1.05
K2K7X8	1.19	0.00	0.00				4.47	-0.82	0.00	1.24	0.23	0.00	1.41	-1.03	0.00
LJW6PM	1.24	0.14	1.88	0.38	-0.48	0.30	5.12	-0.19	1.30	1.12	-0.20	1.03	1.66	-0.05	0.37
LY9Q47	1.30	0.32	1.26	0.83	3.06X	1.13	6.63	1.29	0.44	1.47	1.05	0.88	1.93	0.99	0.78
MJVU46	0.79	-1.17	0.37	0.44	0.04	0.15	3.88	-1.40	0.15	0.30	-3.18X	0.07	1.00	-2.60X	0.13
NDHFTJ	1.98	2.33		0.66	1.73		7.51	2.15		1.04	-0.50		1.86	0.71	
NYYNB4	0.74	-1.32	2.31	0.59	1.18	5.36	4.98	-0.32	3.81	3.02	6.72X	55.60	1.92	0.95	5.81
Q7E99Z	0.97	-0.66	0.73	0.40	-0.30	0.00	4.80	-0.50	0.38	1.10	-0.28	0.00	1.47	-0.81	0.39
QMYWKG	1.00	-0.57	0.07	0.59	1.20	0.49	5.62	0.30	0.41	1.11	-0.25	0.40	1.59	-0.34	0.10
RQB76X	1.36	0.50	0.25	0.40	-0.27	0.41	5.53	0.21	0.88	1.23	0.19	0.55	1.72	0.18	0.20
RTJECX	1.04	-0.44	1.70	0.25	-1.43	0.03	3.35	-1.91	0.26	0.79	-1.40	0.22	1.56	-0.46	0.10
U6NALD	1.63	1.30	0.73	0.40	-0.30	0.00	6.20	0.87	0.38	1.60	1.54	0.00	1.80	0.48	0.00
VCJJMV	1.18	-0.03	0.55	0.03	-3.17X	0.00	6.31	0.97	0.17	1.04	-0.50	0.46	1.68	0.03	0.38
VDUKAU	1.04	-0.43	0.98	0.59	1.18	0.71	6.25	0.92	2.08	1.24	0.21	3.09	1.71	0.14	0.69
VGFXGD	1.50	0.91	0.37	0.44	0.02	0.46	5.14	-0.16	2.15	1.23	0.18	0.12	1.65	-0.10	0.32
VLBU2X	1.47	0.81	0.73	0.47	0.22	1.13	6.07	0.74	0.22	1.27	0.32	0.88	1.93	0.99	0.39
WGA6XV	0.80	-1.15	0.00	0.43	-0.04	1.13	4.33	-0.95	0.79	0.83	-1.25	0.88	1.53	-0.55	0.39
WKAJET	0.65	-1.59	0.10	0.33	-0.82	0.50	4.34	-0.95	0.31	0.79	-1.40	0.25	1.33	-1.34	0.36
WUHVUB	1.31	0.35	1.32	0.45	0.12	0.38	5.23	-0.08	0.49	1.33	0.57	0.89	1.67	-0.03	0.45
YMELLA	0.87	-0.94	0.13	0.44	0.01	1.74	5.13	-0.17	0.68	0.99	-0.68	0.84	1.49	-0.70	0.56
YQCCJ9	0.87	-0.95	0.73	0.50	0.48		4.77	-0.53	0.22	0.97	-0.77	0.88	1.47	-0.81	0.39
YY93BB	0.99	-0.59	0.35	0.54	0.78	0.40	5.77	0.45	0.88	1.14	-0.14	0.41	1.80	0.48	0.44
ZYLZX8	1.21	0.06	0.10	0.42	-0.15	0.26	5.18	-0.13	0.27	1.19	0.04	0.31	1.65	-0.11	0.18



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	1.19	0.44	5.31	1.18	1.68
Median Abs Dev	0.19	0.06	0.51	0.13	0.16
Avg Within Lab SD	0.08	0.05	0.26	0.07	0.15
Labs Included	51	47	51	50	50
Labs Reporting	52	50	52	52	52



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2506					SRS2507			SRS2508			SRS2509			SRS2510			
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		
8B9T92	1.15		1.00	3.59		1.00	2.87		1.00	1.33		1.00	1.34		1.00		
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2506					SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	1.15			3.59			2.87			1.33			1.34				
Median Abs Dev																	
Avg Within Lab SD	0.03			0.06			0.05			0.05			0.05				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2506					SRS2507			SRS2508			SRS2509			SRS2510			
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		
8B9T92	19.49		1.00	8.76		1.00	50.18		1.00	37.35		1.00	77.53		1.00		
Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2506					SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	19.5			8.76			50.2			37.4			77.5				
Median Abs Dev																	
Avg Within Lab SD	0.7			0.15			0.9			0.8			1.2				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
3DWDAP	2.97	-0.34	0.07	4.23	-0.54	0.17	16.67	0.08	0.17	36.50	1.14	0.06	12.97	0.03	0.04	
4NPE46	4.47	0.20	0.19	4.37	-0.48	1.35	10.50	-1.38	0.11	28.28	-0.59	0.42	12.93	0.02	0.19	
74F2M3	3.33	-0.20	0.15	6.23	0.48	1.41	16.20	-0.03	1.44	27.87	-0.68	0.33	12.83	-0.02	0.18	
8B9T92	9.33	1.95	2.95	12.90	3.88X	6.89	20.07	0.88	1.45	39.80	1.83	2.59	17.00	1.29	2.51	
A8H7QX	2.33	-0.56	0.37	3.50	-0.92		13.17	-0.75	0.33	29.00	-0.44	0.35	8.67	-1.32	0.18	
A9UTFY	3.13	-0.28	0.48	3.53	-0.90	0.34	14.37	-0.47	1.19	30.17	-0.20	0.51	11.00	-0.59	0.55	
BQFQ6X	5.14	0.44	0.66	8.44	1.60	1.44	18.70	0.56	1.08	31.10	0.00	0.55	15.17	0.71	1.72	
CXRAZG	5.02	0.40	0.02	5.67	0.19	0.37	6.82	-2.25	0.10	8.98	-4.65X	0.43	4.23	-2.71	0.17	
VDUKAU	3.20	-0.25	0.34	5.30	0.00	1.30	16.47	0.03	1.60	32.60	0.32	1.12	12.80	-0.03	0.13	
ZYLZX8	9.76	2.11	0.58	7.18	0.96	0.38	17.63	0.31	0.73	35.28	0.88	0.28	13.01	0.04	0.55	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups					Data units: mg/kg
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	3.90	5.30	16.3	31.1	12.9
Median Abs Dev	1.02	1.07	2.2	2.8	1.0
Avg Within Lab SD	0.79	0.33	0.9	2.9	1.6
Labs Included	10	9	10	9	10
Labs Reporting	10	10	10	10	10



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3463VM	0.42	0.03	0.42	0.11	-0.28	0.00	0.31	-0.13	1.08	0.15	-0.16	0.74	0.67	-0.66	1.52
6FBYQ2	0.87	2.10	1.36	0.65	6.70X	0.33	0.89	3.76X	1.26	0.70	9.21X	1.45	0.72	-0.52	1.30
8B9T92	0.16	-1.20	0.59				0.12	-1.34	1.22				0.93	0.06	0.68
9CJY3G	0.39	-0.13	0.16	0.21	1.04	0.74	0.43	0.69	0.94	0.16	-0.07	0.78	0.36	-1.50	0.04
9W2CQX	0.53	0.51	0.85				0.35	0.17	1.34				0.89	-0.04	1.85
BXCPCC	0.17	-1.14	0.05	0.08	-0.69	0.03	0.15	-1.19	0.05	0.07	-1.58	0.09	0.33	-1.57	0.03
C2PXBW	0.51	0.46	0.24	0.12	-0.17	0.25	0.36	0.23	0.58	0.18	0.34	0.41	1.07	0.44	0.07
CQ87TE	0.19	-1.07	0.04	0.04	-1.22	0.05	0.15	-1.20	0.07	0.07	-1.59	0.04	0.38	-1.43	0.01
CXRAZG	0.28	-0.62	0.35	0.16	0.34	0.22	0.23	-0.67	0.80	0.15	-0.15	0.71	0.87	-0.10	0.06
E2JBUU	0.14	-1.30	0.92	0.08	-0.70	0.30	0.19	-0.89	0.25	0.07	-1.47	0.43	1.26	0.97	0.30
ETMK6D	0.42	0.00	0.47	0.05	-1.08	1.50	0.25	-0.53	0.15	0.08	-1.36	0.64	0.92	0.04	1.46
HF9LT9	0.37	-0.20	0.64	0.42	3.68X	0.44	0.67	2.30	0.36	1.36	20.53X	0.66			
HLD6C8	0.62	0.96	0.30	0.31	2.28	0.13	0.49	1.11	0.51	0.36	3.41X	0.15	0.58	-0.90	0.22
LJW6PM	0.55	0.62	1.10	0.13	0.02	0.30	0.40	0.46	1.74	0.20	0.64	1.54	1.15	0.67	0.99
LY9Q47	0.26	-0.73	1.90	0.17	0.49	1.81	0.27	-0.35	1.24	0.17	0.12	2.99	1.27	1.01	0.30
T4LUYG	0.31	-0.51	0.21	0.18	0.62	1.05	0.29	-0.24	0.74	0.19	0.52	0.74	0.92	0.05	0.82
UQ84QD	0.53	0.55	2.11	0.13	0.02	3.02	0.33	0.04	2.48	0.20	0.69	0.00	1.07	0.45	1.13
VLBU2X	0.58	0.76	2.55	0.13	0.00	0.51	0.43	0.66	0.85	0.22	0.96	1.00	1.32	1.14	2.25
WJEZDR	0.44	0.10	0.21	0.11	-0.28	0.00	0.32	-0.04	0.43	0.16	0.07	0.85	0.46	-1.22	0.20
YQCCJ9	0.60	0.86	0.00	0.30	2.16	0.00	0.50	1.15		0.20	0.69	0.00	0.97	0.17	1.13
YY93BB	0.35	-0.30	0.48	0.13	-0.07	0.30	0.34	0.07	0.26	0.14	-0.36	0.06	0.71	-0.55	0.66



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups

Data units: mg/kg

	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	0.42	0.13	0.33	0.16	0.90
Median Abs Dev	0.13	0.04	0.09	0.03	0.22
Avg Within Lab SD	0.03	0.02	0.02	0.01	0.05
Labs Included	21	17	20	16	20
Labs Reporting	21	19	21	19	20



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PTAQ6	0.200	0.35	0.00	0.200	2.04	0.00	0.200	1.41	0.00	0.100	-0.42	0.00	0.500	-2.45	
3DWDAP	0.100	-0.89	0.43	0.030	-0.85	0.00	0.100	-0.28	0.00	0.020	-1.45	0.00	0.853	0.54	0.17
6B2JLJ	0.243	0.89	1.73	0.010	-1.19	0.00	0.043	-1.24	0.95	0.177	0.56	1.05	0.653	-1.16	1.45
74F2M3	0.413	3.01X	1.50	0.150	1.19	0.87	0.217	1.69	0.36	0.230	1.24	0.00	0.797	0.06	1.09
A8H7QX	0.090	-1.02	0.43	0.043	-0.62	1.00	0.097	-0.34	0.36	0.033	-1.28	0.40	0.790	0.00	0.76
AGT9CY	0.107	-0.81	0.65	0.090	0.17	0.87	0.110	-0.11	0.62	0.173	0.52	1.43	0.787	-0.03	0.60
BQFQ6X	0.203	0.39	0.25	0.077	-0.06	1.33	0.180	1.07	1.86	0.113	-0.25	1.73	1.023	1.97	1.73
GE2RRQ	0.187	0.19	0.65	0.083	0.06	0.50	0.213	1.63	0.72	0.163	0.39	1.58	0.853	0.54	0.44
NYYNB4	0.141	-0.38	1.67	0.038	-0.71	2.79	0.102	-0.25	2.85	0.131	-0.02	0.25	0.736	-0.46	0.61
Q7E99Z	0.207	0.43	2.43	0.100	0.34	0.00	0.107	-0.17	0.72	0.147	0.17	1.58	0.790	0.00	1.49
QMYWKG	0.173	0.02	0.49	0.113	0.57	0.50	0.173	0.96	0.36	0.083	-0.64	0.40	0.780	-0.08	0.29
VDUKAU	0.078	-1.17	0.56	0.033	-0.81	1.10	0.117	0.00	0.59	0.008	-1.60	0.73	0.829	0.33	0.97
WGA6XV	0.100	-0.89	0.00				0.100	-0.28	0.00				0.633	-1.32	1.66
WKAJET	0.170	-0.02	0.67	0.102	0.37	0.42	0.132	0.26	0.60	0.135	0.02	1.27	0.701	-0.75	0.40
ZYLZX8	0.331	1.98	0.13	0.053	-0.46	0.09	0.143	0.44	0.14	0.202	0.88	0.58	0.842	0.44	0.04

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	0.17			0.080			0.12			0.13			0.79		
Median Abs Dev	0.05			0.035			0.02			0.04			0.05		
Avg Within Lab SD	0.02			0.012			0.02			0.01			0.03		
Labs Included	14			14			15			14			15		
Labs Reporting	15			14			15			14			15		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
2PQHXP	0.255	2.03	0.18	0.050	0.34	0.41	0.105	0.57	0.13	0.130	1.35	0.22	0.224	1.39	0.19
3DWDAP	0.235	-1.03	0.27	0.046	-0.69	0.73	0.097	-0.33	0.33	0.113	-0.95	0.13	0.199	-0.43	0.00
4NPE46	0.246	0.67	0.38	0.053	0.85	1.27	0.105	0.59	1.85	0.120	0.00	2.22	0.218	1.01	1.13
BQFQ6X	0.241	-0.21	0.18	0.032	-3.93X	0.76	0.090	-1.13	0.58	0.113	-0.90	1.42	0.207	0.17	2.19
BW3NPE	0.241	-0.21	0.44	0.053	0.97	0.73	0.097	-0.37	0.77	0.126	0.90	0.13	0.216	0.86	0.62
BXCPCC	0.237	-0.70	0.03	0.046	-0.65	0.50	0.100	0.04	0.19	0.120	0.02	0.12	0.202	-0.17	0.18
D64TTE	0.161	-12.45X	0.42	0.168	28.19X	0.36	0.122	2.51	0.69	0.162	5.79X	0.82	0.193	-0.87	0.68
M2UUC4	0.215	-4.20X	0.57	0.047	-0.53	0.35	0.093	-0.77	1.04	0.109	-1.45	0.12	0.187	-1.34	0.85
RQB76X	0.243	0.21	2.70	0.053	1.05	2.10	0.103	0.40	1.92	0.117	-0.41	1.35	0.200	-0.35	1.49
VDUKAU	0.244	0.35	0.49	0.048	-0.34	0.60	0.100	-0.04	0.47	0.120	0.09	0.34	0.207	0.17	0.28
Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.24			0.049			0.10			0.12			0.20		
Median Abs Dev	0.00			0.003			0.00			0.01			0.01		
Avg Within Lab SD	0.01			0.003			0.00			0.00			0.01		
Labs Included	8			8			10			9			10		
Labs Reporting	10			10			10			10			10		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3DWDAP	0.269	1.08	0.08	0.059	0.79	0.27	0.112	0.79	0.14	0.136	1.31	0.61	0.230	1.26	0.17
3UG69N	0.240	-0.94	0.00	0.050	0.00	0.00	0.100	-0.16	0.00	0.120	0.00	0.00	0.210	0.00	0.00
4NPE46	0.247	-0.45	0.57	0.050	0.00	1.66	0.105	0.21	0.92	0.120	-0.03	0.31	0.216	0.39	0.39
6B2JLJ	0.273	1.36	1.78	0.057	0.57	1.37	0.127	1.94	0.83	0.123	0.27	1.16	0.220	0.62	1.11
74F2M3	0.256	0.16	0.30	0.054	0.34	0.24	0.102	0.00	0.14	0.125	0.38	0.12	0.219	0.58	0.17
7NY3H2	0.263	0.71	2.18	0.040	-0.85	0.00	0.107	0.37	2.19	0.123	0.27	1.16	0.220	0.62	0.00
7PULJ3	0.287	2.35	1.64	0.063	1.13	1.37	0.120	1.42	0.00	0.153	2.72X	3.08	0.233	1.45	1.69
A8H7QX	0.248	-0.40	0.08	0.048	-0.17	1.42	0.100	-0.18	0.08	0.107	-1.06	0.81	0.191	-1.18	0.11
A9UTFY	0.244	-0.68	0.33	0.046	-0.37	0.27	0.097	-0.37	0.30	0.115	-0.38	0.47	0.203	-0.41	0.17
AL4NGF	0.250	-0.24		0.040	-0.85	0.00	0.095	-0.55	0.00	0.117	-0.24	0.20	0.210	0.00	0.00
BGNHEE	0.256	0.16	0.16	0.047	-0.25	0.41	0.102	-0.03	0.08	0.121	0.05	0.12	0.218	0.48	0.13
BQFQ6X	0.263	0.71	0.82	0.047	-0.28	1.37	0.100	-0.16	0.00	0.123	0.27	1.16	0.223	0.83	0.64
BXCPCC	0.266	0.92	0.49	0.055	0.45	1.57	0.115	1.01	0.53	0.134	1.15	0.44	0.229	1.20	0.71
D24GWE	0.257	0.24	0.82	0.070	1.70	0.00	0.113	0.89	0.83	0.133	1.09	1.16	0.197	-0.83	0.64
D64TTE	0.245	-0.61	0.30	0.047	-0.23	0.83	0.102	-0.03	0.58	0.121	0.08	0.20	0.201	-0.58	0.46
DAFX3T	0.450	13.88X	16.43	0.113	5.38X	13.04	0.110	0.63	0.00	0.120	0.00	0.00	0.210	0.00	0.00
GH23MQ	0.250	-0.24		0.060	0.85	0.00	0.110	0.63	0.00	0.130	0.82	0.00	0.207	-0.21	0.64
GZGCNQ	0.263	0.71	0.82	0.050	0.00	0.00	0.107	0.37	1.66	0.123	0.27	1.16	0.217	0.41	1.28
JNHB78	0.250	-0.24	1.42							0.107	-1.09	1.16	0.210	0.00	1.11
KDA3Z7	0.250	-0.26	2.29	0.046	-0.34	1.48	0.087	-1.18	0.80	0.100	-1.63	2.77	0.191	-1.20	1.22
M2UUC4	0.251	-0.19	0.33	0.051	0.06	0.14	0.102	0.00	0.00	0.113	-0.60	0.31	0.194	-0.97	0.17
NMQQKH	0.239	-1.01	0.18	0.033	-1.46	0.04	0.088	-1.10	0.00	0.109	-0.87	0.33	0.205	-0.29	0.35
NYYNB4	0.272	1.32	1.18	0.050	0.01	0.98	0.105	0.22	0.52	0.128	0.65	1.70	0.223	0.83	1.43
Q7E99Z	3.807	250.78X	0.82	0.897	71.88X	1.37	0.970	68.38X	0.00	1.187	87.08X	1.16	2.567	146.12X	1.69
RQB76X	0.260	0.47	0.00	0.037	-1.13	1.37	0.087	-1.21	0.83	0.110	-0.82	0.00	0.193	-1.03	3.38
T4LUYG	0.277	1.67	1.17	0.067	1.42	0.49	0.115	1.02	0.38	0.130	0.84	0.76	0.209	-0.04	0.36



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
U6NALD	0.152	-7.17	16.11	0.059	0.76	0.47	0.105	0.24	0.14	0.105	-1.20	0.12	0.171	-2.40	2.05
VDUKAU	0.250	-0.23	0.61	0.040	-0.86	2.75	0.079	-1.79	3.87	0.110	-0.84	2.32	0.209	-0.04	0.14
WGA6XV	0.253	0.00	0.82	0.030	-1.70	0.00	0.087	-1.21	0.83	0.103	-1.36	1.16	0.187	-1.45	0.64
ZYLZX8	0.241	-0.87	0.49	0.031	-1.64	0.14	0.087	-1.18	0.14	0.104	-1.31	0.35	0.206	-0.27	0.06
Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.25			0.050			0.10			0.12			0.21		
Median Abs Dev	0.01			0.007			0.01			0.01			0.01		
Avg Within Lab SD	0.01			0.004			0.01			0.00			0.01		
Labs Included	27			27			28			28			29		
Labs Reporting	30			29			29			30			30		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups													Data units: %		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3DWDAP	3.42	-1.43	0.44	0.84	-0.58	0.30	0.86	-1.37	0.12	1.06	-1.35	0.13	2.31	-1.34	0.20
3UG69N	3.71	-0.04	1.61	0.97	0.79	0.55	0.90	-0.82	0.71	1.17	0.09	0.21	2.58	0.31	0.74
4NPE46	3.61	-0.53	0.49	0.88	-0.21	0.17	0.93	-0.48	0.33	1.15	-0.13	0.09	2.48	-0.31	0.29
7NY3H2	3.83	0.53	1.33	0.90	0.00	1.31	0.98	0.23	0.96	1.18	0.30	0.83	2.62	0.60	0.60
7PULJ3	3.86	0.65	0.32	0.95	0.54	1.78	1.03	0.99	0.00	1.25	1.16	0.62	2.63	0.67	0.38
A8H7QX	3.71	-0.06	0.32	0.95	0.57	0.28	0.98	0.23	0.27	1.16	0.00	0.36	2.40	-0.79	0.00
A9UTFY	3.82	0.48	0.49	0.92	0.25	0.03	0.98	0.27	0.05	1.20	0.56	0.21	2.53	0.00	0.09
AL4NGF	3.72	-0.01	0.00	0.91	0.14	0.00	0.96	-0.01	0.00	1.19	0.34	0.21	2.53	0.02	0.15
BGNHEE	3.82	0.48	0.61	0.90	0.00	0.35	0.96	0.01	0.40	1.16	-0.03	0.46	2.58	0.32	0.37
BQFQ6X	3.60	-0.58	0.96	0.85	-0.54	2.11	0.91	-0.77	0.71	1.11	-0.69	0.55	2.41	-0.75	0.46
BXCPCC	3.59	-0.64	1.42	0.85	-0.51	2.11	0.94	-0.25	0.79	1.13	-0.39	0.87	2.49	-0.22	0.10
D24GWE	3.76	0.18	0.55	0.81	-0.89	0.80	0.89	-1.01	2.01	1.09	-0.95	0.75	2.47	-0.37	0.23
DAFX3T	11.07	34.99X	16.00	5.12	45.22X	80.04	1.38	5.92X	18.94	1.17	0.13	1.29	2.48	-0.29	0.60
GH23MQ	3.71	-0.08	1.03	0.85	-0.46	0.32	0.93	-0.39	0.71	1.12	-0.56	0.55	2.56	0.23	0.09
GZGCNQ	3.61	-0.52	0.67	0.84	-0.57	0.42	0.93	-0.48	0.27	1.15	-0.13	0.00	2.45	-0.48	0.60
JNHB78	3.87	0.70	0.55	0.71	-2.03	1.78	0.90	-0.86	0.46	1.12	-0.56	0.21	2.57	0.25	0.23
M2UUC4	3.73	0.01	1.14	0.93	0.31	0.77	0.98	0.27	0.28	1.10	-0.73	0.18	2.39	-0.83	0.25
NMQQKH	5.21	7.10X	6.08	2.01	11.90X	0.83	1.91	13.46X	0.18	2.18	13.20X	2.24	3.23	4.41X	0.14
NYYNB4	3.71	-0.04	1.64	0.75	-1.61	0.80	0.84	-1.72	3.61	1.03	-1.72	3.83	2.35	-1.08	2.55
RQB76X	3.51	-1.00	1.58	0.96	0.64	1.15	0.98	0.27	0.46	1.16	0.00	0.72	2.25	-1.73	3.62
T4LUYG	4.25	2.52	1.96	1.03	1.47	0.89	1.12	2.20	0.67	1.31	1.99	1.35	2.71	1.15	0.79
UHGF2	4.05	1.56	0.55	1.03	1.46	0.16	1.05	1.22	0.27	1.27	1.46	0.75	2.71	1.16	0.23
UHGF2W	4.06	1.59	0.47	1.01	1.24	0.40	1.02	0.81	0.34	1.28	1.61	0.17	2.73	1.27	0.08
ZYLZX8	3.97	1.19	0.69	0.89	-0.02	0.13	0.97	0.19	0.57	1.21	0.63	0.50	2.74	1.32	0.54



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups					Data units: %
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	3.72	0.90	0.96	1.16	2.53
Median Abs Dev	0.11	0.05	0.03	0.04	0.10
Avg Within Lab SD	0.03	0.04	0.02	0.03	0.07
Labs Included	22	22	22	23	23
Labs Reporting	24	24	24	24	24



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3DWDAP	3.42	-0.83	0.25	0.84	-0.16	0.31	0.86	-0.99	0.11	1.06	-1.08	0.11	1.76	-0.73	0.14
3UG69N	3.27	-1.30	0.82	0.84	-0.15	0.60	0.83	-1.48	0.25	1.09	-0.66	0.17	1.85	-0.53	0.06
6B2JLJ	3.75	0.17	0.41	0.87	0.09	1.21	0.98	0.48	0.25	1.20	0.51	0.00	2.57	1.13	1.21
7NY3H2	3.56	-0.42	0.72	0.83	-0.33	1.43	0.90	-0.57	0.67	1.11	-0.44	0.75	1.70	-0.87	1.83
7PULJ3	3.61	-0.27	2.17	0.81	-0.50	0.77	0.92	-0.26	1.53	1.11	-0.48	1.87	1.63	-1.02	1.03
83EQ3J	3.80	0.31	2.76	0.90	0.44	1.05	0.94	0.00	1.32	1.18	0.26	0.35	2.62	1.26	0.26
8AJAKH	6.35	8.08X	1.10	1.41	5.82X	2.18	1.48	7.11X	1.35	1.87	7.91X	2.28	4.25	5.01X	1.12
AL4NGF	3.33	-1.13	0.10	0.84	-0.19	0.29	0.94	-0.04	0.25	1.15	0.00	0.17	1.87	-0.48	0.12
BQFQ6X	3.54	-0.49	0.21	0.78	-0.85	1.65	0.89	-0.61	0.25	1.10	-0.62	0.35	1.88	-0.46	0.16
BXCPCC	3.59	-0.33	0.79	0.85	-0.09	2.22	0.94	0.04	0.76	1.13	-0.26	0.72	2.24	0.39	0.07
D64TTE	3.18	-1.56	0.99	0.76	-1.02	0.96	0.87	-0.93	0.88	1.05	-1.14	0.60	1.46	-1.41	0.90
HLD6C8	3.86	0.51	0.75	0.95	0.97	0.77	0.97	0.37	0.74	1.20	0.48	0.62	2.24	0.37	0.40
KDA3Z7	3.70	0.00	0.85	0.91	0.51	0.44	0.94	0.04	0.25	1.05	-1.14	1.87	2.37	0.68	0.83
MRPXAM	4.00	0.93	1.28				0.95	0.18	0.61	1.26	1.21	0.39	2.07	0.00	0.11
NYYNB4	3.71	0.04	0.95	0.74	-1.20	0.67	0.84	-1.31	3.45	1.03	-1.39	3.20	2.02	-0.13	2.47
RQB76X	3.51	-0.56	0.89	0.96	1.04	1.21	0.98	0.52	0.44	1.16	0.07	0.60	1.71	-0.84	2.45
RTJECX	3.45	-0.75	0.73	0.84	-0.20	1.06	0.88	-0.75	0.44	1.10	-0.59	0.25	2.40	0.76	0.12
U6NALD	4.25	1.67	0.10	0.98	1.31	0.17	1.06	1.53	0.25	1.22	0.73	0.30	2.65	1.33	0.06
UHGFYW	4.04	1.05	0.27	1.02	1.72	0.69	1.02	1.04	0.23	1.22	0.69	0.20	2.05	-0.05	0.14
VGFXGD	3.92	0.67	0.45	1.04	1.91	0.87	1.11	2.22	1.17	1.31	1.68	0.91	2.64	1.29	0.43
WGA6XV	3.82	0.38	0.38	0.92	0.61	0.51	0.97	0.35	0.15	1.20	0.52	0.17	2.20	0.28	1.00
ZYLZX8	3.96	0.80	0.13	0.88	0.19	0.58	0.91	-0.45	0.26	1.17	0.22	0.31	2.15	0.16	0.10



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups					Data units: Percent
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	3.70	0.86	0.94	1.15	2.07
Median Abs Dev	0.18	0.05	0.04	0.05	0.30
Avg Within Lab SD	0.06	0.03	0.02	0.03	0.10
Labs Included	21	20	21	21	21
Labs Reporting	22	21	22	22	22



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups														Data units: %		
SRS2506			SRS2507			SRS2508			SRS2509			SRS2510				
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	
3DWDAP	3.42		0.83	0.84		0.58	0.86		0.21	1.06		0.20	0.55	0.00	0.00	
BXCPCC													0.25	-2.62	0.00	
JNHB78	0.08		0.60										0.59	0.30	1.68	
RQB76X													0.54	-0.10	0.72	
ZYLZX8	0.02		1.40	0.02		1.29	0.07		1.40	0.04		1.40	0.59	0.35	1.29	
Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups														Data units: %		
SRS2506			SRS2507			SRS2508			SRS2509			SRS2510				
Grand Median	0.080		0.43		0.47		0.55		0.55		0.55					
Median Abs Dev											0.03					
Avg Within Lab SD	0.017		0.02		0.01		0.02		0.02		0.02					
Labs Included	3		2		2		2		2		5					
Labs Reporting	3		2		2		2		2		5					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	7.85	0.57	0.18	1.62	0.07	0.01	1.90	0.33	0.17	2.16	0.54	0.36	3.86	0.67	0.09
3DWDAP	9.62	1.55	2.97	2.07	1.51	0.88	2.04	0.87	0.57	1.96	0.00	0.45	4.15	1.60	0.18
3UG69N	6.82	0.00	0.24	1.60	0.00	0.56	1.76	-0.19	0.32	2.03	0.18	0.59	3.61	-0.17	0.20
4NPE46	6.99	0.10	0.11	1.76	0.51	0.47	1.97	0.61	0.56	2.28	0.86	0.92	3.68	0.08	0.20
6B2JLJ	8.70	1.04	1.36	1.87	0.86	0.90	2.13	1.23	0.53	2.17	0.55	1.13	3.33	-1.06	0.91
6FBYQ2	2.72	-2.27	2.60	1.11	-1.57	2.91	1.36	-1.69	3.80	1.17	-2.11	1.61	3.67	0.03	4.37
A8H7QX	7.67	0.47	0.30	1.60	0.00	0.00	1.87	0.22	0.53	2.07	0.28	1.13	3.67	0.02	0.25
AGT9CY	6.43	-0.22	0.14	1.28	-1.04	0.94	1.75	-0.24	0.32	1.86	-0.28	0.69	3.44	-0.70	0.41
BUBPBF	7.18	0.20	0.29	1.54	-0.19	0.41	1.70	-0.41	0.86	1.97	0.03	0.60	3.45	-0.67	0.14
BW3NPE	7.48	0.36	0.27	1.64	0.13	0.50	1.84	0.11	0.10	2.11	0.39	0.39	3.85	0.61	0.28
BXCPCC	6.19	-0.35	0.39	1.46	-0.44	2.04	1.63	-0.70	0.27	1.95	-0.04	0.82	3.87	0.68	0.05
D64TTE	8.68	1.03	0.65	1.82	0.70	0.09	2.02	0.81	0.47	2.22	0.70	0.45	3.86	0.65	0.04
EA8B4C	8.25	0.79	0.25	1.86	0.84	0.56	1.96	0.58	0.05	2.39	1.15	0.63	4.13	1.52	0.21
FJE63B	6.56	-0.15	0.03	1.35	-0.81	0.16	1.63	-0.70	0.11	1.89	-0.18	0.30	3.15	-1.65	0.13
H69ZKN	5.27	-0.86	0.18	1.46	-0.44	0.70	2.31	1.89	1.33	1.96	0.00	1.47	3.69	0.09	0.28
HF9LT9	3.02	-2.11	0.17	0.90	-2.26	0.09	0.84	-3.68X	0.13	0.94	-2.72	0.10	1.66	-6.50X	0.03
HLD6C8	6.64	-0.10	0.39	1.80	0.64	0.09	1.91	0.39	0.37	2.06	0.26	0.98	3.55	-0.35	0.26
K2K7X8	7.06	0.13	0.00	1.58	-0.06	0.00	1.82	0.04	0.00	1.96	0.00	0.00	3.53	-0.42	0.00
M2UUC4	5.70	-0.62	1.28	1.28	-1.02	2.12	1.48	-1.24	0.33	1.62	-0.91	0.93	3.30	-1.17	0.16
VCJJMV	7.59	0.43	0.11	1.62	0.06	0.27	1.80	-0.04	0.24	3.94	5.28X	0.79	3.66	0.00	0.04
VLBU2X	6.09	-0.41	1.42	1.99	1.25	0.77	1.59	-0.82	1.32	1.46	-1.35	2.78	3.28	-1.22	0.62
XDAGUT	6.30	-0.29	0.34	1.43	-0.54	0.36	1.66	-0.57	0.46	1.89	-0.18	0.11	3.41	-0.80	0.07
YQCCJ9	4.17	-1.47	0.78	1.77	0.54	0.90	1.50	-1.18		1.17	-2.12	1.13	2.60	-3.45X	0.00



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups					Data units: Percent
	SRS2506	SRS2507	SRS2508	SRS2509	SRS2510
Grand Median	6.82	1.60	1.81	1.96	3.66
Median Abs Dev	0.77	0.17	0.16	0.13	0.20
Avg Within Lab SD	0.19	0.06	0.11	0.05	0.23
Labs Included	23	23	22	22	21
Labs Reporting	23	23	23	23	23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
9NV6DJ	6.55		1.73	1.57		0.61	1.85		1.02	2.03		1.72	3.50		0.61	
V4VKZW	5.87		0.13	1.21		0.35	1.62		1.40	2.05		0.18	3.27		0.54	
VDUKAU	6.13		0.00	1.27		1.58	1.56		0.00	1.92		0.00	3.08		1.53	
SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	6.13			1.27			1.62			2.03			3.27			
Median Abs Dev																
Avg Within Lab SD	0.08			0.03			0.05			0.07			0.06			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PTAQ6	7.52	0.63	0.11	1.76	0.38	0.09	2.01	-0.08	0.00	2.61	-0.06	0.11	4.22	-0.10	0.13
3FWQQM	2.80	-13.40X	0.00	2.00	2.09		2.30	2.30	0.00	3.40	3.42X	0.00	2.70	-3.29X	0.00
4NPE46	6.90	-1.23	0.86	1.50	-1.50		1.93	-0.71	1.06	2.60	-0.09	0.91	4.37	0.20	0.53
6FBYQ2	7.64	0.96	1.03	1.84	0.94	0.53	2.10	0.66	0.66	1.77	-3.75X	8.29	3.46	-1.71	0.75
74F2M3	7.32	0.01	0.18	1.73	0.15	0.34	2.02	0.00	0.49	2.64	0.08	0.40	4.27	0.00	0.18
78ECH3	7.27	-0.13	0.79	1.78	0.53	0.82	2.05	0.22	1.30	2.65	0.11	0.86	4.28	0.03	0.37
7NY3H2	7.04	-0.82	0.30	1.72	0.06	1.15	2.06	0.36	0.21	2.88	1.12	1.61	4.33	0.13	0.37
7PULJ3	7.10	-0.62	0.39	1.53	-1.29	0.90	2.04	0.14	1.54	3.02	1.74	1.46	4.77	1.04	1.04
8B9T92	4.45	-8.49X	0.50	1.69	-0.14	0.39	2.11	0.77	0.56	1.20	-6.24X	0.00	3.34	-1.96	0.14
9CJY3G	8.09	2.30	0.39	1.69	-0.14	0.39	2.29	2.24	0.28	3.05	1.90	1.63	4.91	1.34	0.92
A8H7QX	7.33	0.06	0.50	1.57	-1.02	1.13	1.73	-2.35	1.06	2.47	-0.68	0.52	4.17	-0.22	0.53
AL4NGF	7.28	-0.09	0.05	1.65	-0.42	0.00	2.02	0.00	0.32	2.67	0.22	0.09	4.46	0.41	0.19
BGNHEE	7.20	-0.33	0.20	1.64	-0.50	0.20	1.95	-0.57	0.18	2.57	-0.21	0.05	4.17	-0.22	0.14
BQFQ6X	7.39	0.23	0.34	1.80	0.63	0.30	2.01	-0.05	0.74	2.74	0.51	0.38	4.76	1.03	0.58
CXRAZG	7.27	-0.13	0.28	1.82	0.82	0.73	1.99	-0.22	0.68	2.97	1.55	0.37	4.69	0.87	0.83
DAFX3T	6.50	-2.42	0.86	1.27	-3.18X	1.13	1.53	-3.99X	1.06	2.07	-2.44	0.52	3.43	-1.76	0.53
E2JBUU	7.37	0.16	0.05	1.65	-0.45	0.11	2.00	-0.16	0.18	2.57	-0.24	0.05	4.13	-0.30	0.11
EB22AQ	7.88	1.68	0.17	1.96	1.83	0.30	2.19	1.37	0.65	2.79	0.76	0.37	4.59	0.68	0.19
GE2RRQ	7.27	-0.14	0.99	1.77	0.41	1.13	1.90	-0.98	0.00	2.50	-0.53	0.91	4.20	-0.15	0.92
GWF9YP	7.40	0.27	0.05	1.69	-0.11	0.11	2.08	0.52	0.11	2.68	0.25	0.05	4.11	-0.34	0.09
GZGCNQ	7.26	-0.16	0.15	1.83	0.89	0.11	1.95	-0.55	0.11	2.48	-0.60	0.05	4.07	-0.41	0.19
LJW6PM	7.65	1.01	2.09	3.37	11.94X	58.04	1.88	-1.11	1.52	2.57	-0.21	2.43	4.60	0.69	2.84
LY9Q47	7.49	0.51	0.55	1.72	0.08	0.00	2.06	0.33	0.00	2.77	0.64	0.58	4.53	0.55	0.00
M2UUC4	7.83	1.54	0.50	1.67	-0.30	0.79	2.07	0.38	3.11	3.05	1.89	1.05	5.38	2.33	0.33
MJEKB4	6.69	-1.86	0.18	1.55	-1.17	0.30	1.80	-1.80	0.37	2.26	-1.59	0.18	4.07	-0.43	0.14
NMQQKH	7.44	0.37	0.28	1.85	0.99	0.30	2.04	0.14	0.28	2.65	0.13	0.24	4.35	0.17	0.14



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
NYYNB4	7.43	0.35	1.86	1.83	0.85	3.15	2.10	0.64	1.51	2.62	0.00	1.76	4.14	-0.26	2.29
PNZBTJ	7.20	-0.34	0.91	1.63	-0.59	0.45	1.98	-0.33	0.00	2.57	-0.24	0.79	4.20	-0.15	1.09
Q2EYXY	7.10	-0.62	0.47	1.67	-0.30	0.82	2.04	0.14	0.21	2.44	-0.78	0.55	4.08	-0.40	0.55
QMYWKG	7.32	0.02	0.15	1.71	0.01	0.00	2.03	0.08	0.64	2.61	-0.05	0.00	4.12	-0.31	0.57
RJCKDX	7.00	-0.93		1.60	-0.78	0.00	1.90	-0.98	0.00	2.30	-1.41	0.00	3.70	-1.20	0.00
RQB76X	7.31	-0.01	3.54	1.78	0.49	3.14	1.95	-0.60	2.67	2.47	-0.68	3.34	4.07	-0.43	3.20
RZ2UXF	7.06	-0.75	0.30	1.53	-1.31	0.74	1.83	-1.53	1.06	2.76	0.60	0.60	5.07	1.69	0.38
T4LUYG	7.49	0.53	0.22	1.86	1.08	0.34	2.15	1.07	0.32	2.80	0.77	0.14	4.53	0.55	0.55
TMXLZX	7.30	-0.03	0.26	1.59	-0.83	0.42	2.05	0.28	0.72	2.58	-0.17	0.57	3.84	-0.90	0.47
V4VKZW	6.52	-2.35	0.10	1.27	-3.17X	0.14	1.71	-2.54	0.67	2.23	-1.73	0.18	3.56	-1.48	0.14
WKAJET	7.60	0.86	0.38	1.80	0.63	0.50	2.04	0.14	0.25	2.44	-0.79	0.52	3.72	-1.16	0.63
WUHVUB	7.43	0.34	0.23	1.55	-1.16	0.25	1.98	-0.31	0.11	2.76	0.63	0.23	4.93	1.38	0.06
YFTTBA	7.30	-0.03	0.37	1.71	0.00	0.71	2.05	0.21	0.10	2.69	0.29	0.29	4.35	0.17	0.12
YY93BB	7.43	0.36	0.50	1.67	-0.30	1.13	2.00	-0.16		2.67	0.20	0.52	4.40	0.27	0.92
ZDLVE8	6.92	-1.17	3.14	1.62	-0.66	2.26	1.99	-0.27	2.44	2.59	-0.12	1.54	4.39	0.26	2.35
ZYLZX8	7.53	0.65	1.09	1.77	0.47	0.81	2.06	0.36	0.79	2.69	0.30	1.27	4.27	0.01	1.53
SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	7.31			1.71			2.02			2.62			4.27		
Median Abs Dev	0.15			0.08			0.04			0.12			0.20		
Avg Within Lab SD	0.12			0.05			0.05			0.11			0.11		
Labs Included	40			39			41			39			41		
Labs Reporting	42			42			42			42			42		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
A9UTFY	8.03		1.72	2.00		1.69	2.23		1.68	3.10		1.63	5.03		1.49	
E2JBUU	6.63		0.04	1.54		0.10	1.85		0.29	2.36		0.09	3.75		0.11	
VDUKAU	6.81		0.16	1.56		0.35	1.93		0.29	2.31		0.57	3.62		0.88	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	6.81			1.56			1.93			2.36			3.75			
Median Abs Dev																
Avg Within Lab SD	0.15			0.06			0.03			0.06			0.10			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
8AJAKH	0.422		0.77	0.050		0.50	0.437		1.41	0.522		1.00	4.430	0.49	0.15
8B9T92	0.127		1.19	0.127		1.32	0.140		0.00	0.140			4.053	-0.11	0.98
BXCPCC													2.973	-1.83	0.15
CQ87TE													3.548	-0.92	0.04
RQB76X													4.490	0.59	2.06
UHGFXW													4.191	0.11	0.86
CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.27			0.088			0.29			0.33			4.12		
Median Abs Dev													0.34		
Avg Within Lab SD	0.02			0.017			0.01			0.01			0.07		
Labs Included	2			2			2			2			6		
Labs Reporting	2			2			2			2			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CaCO3 Content effervescent (SubTestCode 1852)													Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
3DWDAP													4.60	0.04	0.00
A8H7QX	0.17		1.48	0.23		1.56	0.30		0.00	0.17		1.23	4.57	0.00	0.42
A9UTFY	0.53		1.18										4.44	-0.17	0.36
NYYNB4	0.03		0.46	0.02		0.35	0.01		0.74	0.02		0.23	2.73	-2.43	2.07
VGFXGD	0.69		0.44	0.45		0.67	0.67		1.57	0.47		1.20	5.12	0.74	0.63
CaCO3 Content effervescent (SubTestCode 1852)													Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	0.35			0.23			0.30			0.17			4.57		
Median Abs Dev													0.13		
Avg Within Lab SD	0.04			0.04			0.01			0.05			0.27		
Labs Included	4			3			3			3			5		
Labs Reporting	4			3			3			3			5		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
2PQHXP	15.93	-0.25	0.08	4.28	-0.54	0.10	5.54	-0.62	0.08	14.59	0.01	0.07	26.97	-0.06	0.09
3463VM	18.17	0.36	0.20	5.20	0.70	0.31	6.53	0.67	0.15	15.23	0.36	0.13	26.97	-0.06	0.10
3DWDAP	18.30	0.39	1.09	4.87	0.25	0.18	5.20	-1.06	2.06	14.57	0.00	0.57	38.10	2.17	0.33
4NPE46	14.33	-0.68	0.37	4.72	0.06	0.59	5.29	-0.94	0.42	14.20	-0.20	0.14	24.92	-0.47	0.33
6B2JLJ	15.10	-0.47	0.78	4.63	-0.06	1.30	6.10	0.11	1.15	12.90	-0.91	1.40	21.83	-1.08	1.70
A9UTFY	20.07	0.87	0.64	5.39	0.96	2.35	6.11	0.12	0.21	16.80	1.22	0.81	30.70	0.69	0.59
CPW67F										13.38	-0.65				
D64TTE	15.28	-0.42	0.04	3.96	-0.96	0.50	5.21	-1.04	0.15	14.12	-0.24	0.20	27.26	0.00	0.33
EA8B4C	21.13	1.15	0.12	5.39	0.96	0.16	6.66	0.83	0.08	16.80	1.22	0.09	28.51	0.25	0.12
HF9LT9	15.88	-0.26	0.66	3.37	-1.75	0.66	5.11	-1.18	0.56	12.77	-0.98	0.35	24.00	-0.65	0.19
JNHB78	17.40	0.15	2.50	4.51	-0.22	1.84	6.43	0.53	2.37	16.45	1.03	2.87	29.39	0.43	2.26
KDA3Z7	16.29	-0.15	0.22	4.56	-0.16	0.22	5.94	-0.11	0.45	13.51	-0.58	0.31	25.48	-0.35	0.16
RQB76X	11.77	-1.37	1.17										29.57	0.46	1.39
RTJECX	21.06	1.14	1.85	10.67	8.03X	0.30	12.14	7.91X	0.07	20.29	3.12X	0.84	49.80	4.51X	0.78
VGFXGD	23.52	1.80	0.28	5.78	1.48	0.38	6.71	0.90	0.03	17.09	1.37	0.72	37.78	2.10	1.52
CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median		16.8		4.68		6.02		14.6		27.3					
Median Abs Dev		1.7		0.46		0.58		1.2		2.3					
Avg Within Lab SD		0.8		0.32		0.38		0.9		1.5					
Labs Included		14		12		12		13		13					
Labs Reporting		14		13		13		14		14					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
3463VM	17.47	1.04	0.57	4.07	-0.86	0.23	5.40	-0.74	0.44	15.97	1.08	0.12	36.83	-0.18	0.05
74F2M3	12.63	-0.13	0.63	5.40	0.17	2.04	5.50	-0.66	0.44	12.23	-0.46	0.83	23.53	-1.45	0.92
78ECH3	7.67	-1.33	0.30	3.57	-1.24	0.82	4.77	-1.22	0.67	10.47	-1.18	0.43	30.37	-0.80	0.71
9CJY3G	13.33	0.04	0.30	4.43	-0.58	0.45	6.37	0.00	0.51	14.87	0.63	0.52	33.63	-0.49	0.38
9N9W4E	9.30	-0.94	0.58	6.68	1.15	0.89	7.37	0.77	0.58	11.86	-0.61	0.26	47.19	0.80	0.38
BQFQ6X	14.50	0.32	0.71	5.27	0.06	1.26	7.23	0.66	0.51	14.37	0.42	0.86	32.70	-0.58	0.38
D64TTE	9.11	-0.98	0.35	3.80	-1.06	0.39	5.19	-0.90	0.30	10.92	-0.99	0.34	34.16	-0.44	0.55
DAFX3T	16.27	0.75	0.45	5.03	-0.12	0.60	7.07	0.53	1.35	15.70	0.97	1.03	58.17	1.85	0.24
GZGCNQ	16.87	0.90	0.30	5.87	0.53	0.81	5.36	-0.76	0.74	13.25	-0.04	0.53	43.75	0.48	0.30
KDA3Z7	13.00	-0.04	1.28	8.13	2.27	1.70	8.22	1.41	0.92	14.77	0.59	2.26	47.96	0.88	1.51
RQB76X	14.57	0.34	0.79	4.37	-0.63	1.14	5.67	-0.53	1.42	15.10	0.72	0.21	41.17	0.23	1.45
RTJECX	21.06	1.91	2.84	10.67	4.22X	0.38	12.14	4.39X	0.12	20.29	2.85X	1.50	49.80	1.05	1.00
RZ2UXF	9.07	-0.99	1.01	6.03	0.65	0.99	6.80	0.33	1.33	9.70	-1.50	1.09	40.67	0.18	2.54
T4LUYG	15.83	0.64	0.48	6.14	0.74	0.41	7.55	0.90	0.18	11.75	-0.66	0.58	43.23	0.43	0.86
VDUKAU	12.83	-0.08	0.41	5.10	-0.06	0.68	5.67	-0.53	2.18	14.03	0.28	0.83	30.43	-0.79	0.21
VLBU2X	11.65	-0.37	1.46	5.18	0.00	0.75	6.61	0.18	1.20	13.34	0.00	2.06	36.80	-0.19	1.07
CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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	13.2			5.18			6.37			13.3			38.8		
Median Abs Dev	2.9			0.82			0.87			1.5			5.6		
Avg Within Lab SD	0.5			0.25			0.23			0.5			1.2		
Labs Included	16			15			15			15			16		
Labs Reporting	16			16			16			16			16		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
3DWDAP	1.16	1.70	0.26	1.69	1.02	0.39	1.57	1.65	0.23	1.29	0.19	0.15	1.48	2.50	0.00	
9N9W4E	0.86	-0.93	0.52	1.48	-1.41	0.67	1.36	-0.14	1.93	1.16	-1.04	1.26	1.16	-1.08	1.69	
DREVPV	1.00	0.30	0.73	1.57	-0.35	0.00	1.36	-0.11	0.00	1.30	0.32	0.00	1.26	0.04	0.00	
FEHNLB	0.84	-1.14	1.64	1.60	0.00	1.16	1.26	-0.97	1.41	1.08	-1.85	2.45	1.23	-0.26	0.67	
HF9LT9	0.97	0.00	0.62	1.61	0.11	0.94	1.32	-0.48	0.13	1.28	0.09	0.50	1.26	0.00	1.11	
HLD6C8	1.04	0.68	0.69	1.70	1.13	1.69	1.53	1.31	1.26	1.40	1.33	0.81	1.34	0.90	1.21	
R9T6AV	0.95	-0.19	1.96	1.53	-0.76	0.87	1.37	0.00	0.37	1.26	-0.07	0.28	1.20	-0.66	0.28	
UQ84QD	0.95	-0.12	0.30	1.59	-0.08	1.40	1.37	0.00	0.23	1.15	-1.17	0.63	1.24	-0.18	0.85	
VLBU2X	1.08	1.01	0.79	1.70	1.21	0.77	1.54	1.40	1.20	1.27	0.00	0.15	1.30	0.45	1.48	
Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median		0.97		1.60		1.37		1.27		1.26						
Median Abs Dev		0.08		0.07		0.06		0.03		0.04						
Avg Within Lab SD		0.02		0.01		0.03		0.04		0.03						
Labs Included		9		9		9		9		9						
Labs Reporting		9		9		9		9		9						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	18.7	-0.24	0.00	87.4	-1.13	0.00	54.3	-1.55	0.00	11.5	-0.94		9.6	-1.00	0.00
3463VM	17.1	-0.40	0.24	92.3	0.34	0.25	63.6	0.03	0.29	8.6	-1.32	0.09	10.6	-0.86	0.13
3DWDAP	20.0	-0.11		91.0	-0.05		61.0	-0.41	0.92	18.0	-0.09		19.0	0.27	
74F2M3	25.0	0.39		93.0	0.55		63.0	-0.08		23.0	0.56		17.0	0.00	
78ECH3	18.1	-0.30	0.70	84.1	-2.10	0.17	54.1	-1.57	0.88	15.1	-0.47	0.09	16.1	-0.12	0.61
7NY3H2	14.0	-0.71	0.97	91.6	0.14	1.16	63.0	-0.07	0.77	20.2	0.20	0.77	8.8	-1.11	0.39
7PULJ3	54.6	3.35X	0.00	91.8	0.18	0.00	73.0	1.61	0.00	30.8	1.59	0.00	31.4	1.94	0.00
9CJY3G	27.0	0.59	1.32	93.7	0.74	1.96	67.0	0.60		20.3	0.21	1.00	24.3	0.99	1.68
9W2CQX	22.5	0.14		92.1	0.27	1.22	64.6	0.19	0.66	20.8	0.28	0.62	20.0	0.41	
AL4NGF	37.3	1.62	0.00	87.1	-1.20	0.00	73.2	1.64	0.00	25.1	0.84	0.00	24.9	1.07	0.00
BGNHEE	15.7	-0.54	0.48	90.3	-0.25	1.27	65.0	0.26	0.66	12.5	-0.81	0.70	11.8	-0.70	0.41
BQFQ6X	24.7	0.36	1.87	91.3	0.05	0.39	64.7	0.20	2.33	22.0	0.43	2.10	20.7	0.50	1.78
BW3NPE				92.4	0.38	0.10	64.1	0.10	0.69	19.7	0.14	0.65			
BXCPCC	40.2	1.91	0.16	91.8	0.19	0.44	73.5	1.69	0.29	18.7	0.00	0.13	15.2	-0.24	0.00
CPW67F							59.4	-0.68							
D64TTE	32.6	1.16	0.00	90.1	-0.31	0.00	67.9	0.75	0.00	25.2	0.85	1.08	24.0	0.94	0.00
DAFX3T	31.4	1.03	0.66	94.3	0.94	0.49	63.5	0.01	1.57	25.2	0.85	0.66	25.7	1.17	0.32
EA8B4C	19.0	-0.21	0.02	89.9	-0.37	0.00	59.4	-0.68	0.01	11.8	-0.90	0.01	12.6	-0.60	0.01
FEHNLB	3.6	-1.75	0.21	88.8	-0.69	0.74	57.0	-1.09	1.65	7.9	-1.41	0.27	7.2	-1.33	0.03
GH23MQ	16.2	-0.48	0.23	89.8	-0.42	0.26	63.1	-0.05	0.37	7.6	-1.45	0.09	8.7	-1.12	0.43
GWF9YP	26.5	0.54		84.5	-1.98		63.5	0.01		19.5	0.11		18.5	0.20	
HF9LT9	15.4	-0.57	0.00	90.9	-0.07	0.00	58.4	-0.85	0.00	13.4	-0.69	0.00	14.0	-0.40	1.65
K2K7X8	78.7	5.76X	0.00	93.5	0.69		63.4	-0.01	0.00	23.8	0.67	0.00	22.8	0.79	0.00
KDA3Z7	20.4	-0.07	1.25	91.4	0.07	0.45	66.8	0.57	0.42	8.6	-1.32	0.09	12.3	-0.63	0.25
MJVU46	46.5	2.54	0.92	96.5	1.60	0.69	74.9	1.93	1.06	50.7	4.19X	3.07	58.5	5.62X	0.95
NYYNB4	19.0	-0.21	2.64	76.0	-4.51X	5.09	50.0	-2.26	2.76	9.0	-1.27	1.72	13.0	-0.54	3.30



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
RJCKDX	32.8	1.17	0.99	85.7	-1.64	2.54	61.0	-0.41	1.38	10.8	-1.03	1.34	14.2	-0.38	1.69
RQB76X	31.7	1.06	2.02	87.0	-1.24	1.70	65.7	0.37	0.53	18.7	0.00	2.17	17.7	0.09	0.32
T4LUYG	19.2	-0.19	0.00	89.2	-0.58	0.00	60.0	-0.57	0.00	13.0	-0.74		11.0	-0.81	
TMXLZX	21.8	0.07	1.05	91.3	0.05	1.04	64.9	0.25	1.74	16.3	-0.32	1.60	18.5	0.21	0.71
WGA6XV	27.5	0.64		92.5	0.40		62.5	-0.16		23.3	0.61	1.24	23.3	0.86	0.79
XDAGUT	16.8	-0.43	0.00	90.0	-0.35		59.6	-0.65	0.00	20.4	0.22	0.00	18.2	0.16	0.00
YY93BB	17.9	-0.32	0.47	85.8	-1.59	1.22	58.3	-0.86	0.65	13.8	-0.65	1.85	11.3	-0.78	0.01
ZYLZX8	26.0	0.49	1.32	94.7	1.04	1.96	68.0	0.77	0.01	23.3	0.61	1.00	22.0	0.68	1.10

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	21.1			91.2			63.5			18.7			17.0		
Median Abs Dev	4.9			1.4			3.4			5.0			5.0		
Avg Within Lab SD	1.5			0.6			1.1			1.2			1.8		
Labs Included	30			32			34			32			31		
Labs Reporting	32			33			34			33			32		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	73.41	0.62	0.00	5.05	0.44	0.00	35.58	1.42	0.00	61.68	0.85	0.00	50.51	0.65	0.00
3463VM	73.89	0.67	0.10	4.32	0.00	0.10	30.85	0.33	0.24	64.21	1.21	0.18	54.02	1.00	0.77
3DWDAP	73.67	0.65	0.26	5.33	0.61	0.66	33.33	0.91	0.55	55.67	0.00	0.58	40.00	-0.41	
74F2M3	68.00	0.04		4.00	-0.19		30.00	0.14		54.00	-0.24		46.00	0.19	
78ECH3	69.47	0.19	0.27	6.47	1.29	0.77	33.13	0.86	1.53	50.80	-0.69	0.10	42.47	-0.16	0.66
7NY3H2	65.34	-0.25	0.34	2.12	-1.32	0.46	26.18	-0.75	0.27	48.94	-0.95	0.85	36.60	-0.76	1.02
7PULJ3	27.24	-4.36X	0.00	4.16	-0.10	0.00	12.84	-3.82X	0.00	28.96	-3.78X	0.00	22.56	-2.17	0.00
9CJY3G	67.33	-0.04	1.05	2.00	-1.39		28.00	-0.32		54.67	-0.14	1.16	48.00	0.39	2.48
9W2CQX	72.50	0.52		6.25	1.16	1.44	32.08	0.62	0.69	57.92	0.32	0.73	44.17	0.01	0.45
AL4NGF	48.44	-2.07	0.00	4.52	0.12	0.00	16.60	-2.96X	0.00	46.48	-1.30	0.00	48.72	0.47	0.00
BGNHEE	73.47	0.63	0.66	3.00	-0.79	1.69	24.07	-1.23	1.20	60.40	0.67	0.79	44.10	0.00	0.49
BQFQ6X	64.27	-0.37	1.55	2.93	-0.83	1.92	26.93	-0.57	1.35	50.27	-0.76	2.29	38.93	-0.52	0.87
BW3NPE				3.37	-0.57	0.86	29.20	-0.05	0.00	59.03	0.48	0.76			
BXCPCC	56.19	-1.24	0.08	3.87	-0.27	0.06	21.24	-1.89	0.32	58.65	0.42	0.08	51.52	0.75	0.09
CPW67F							30.50	0.25							
D64TTE	57.73	-1.07	0.00	2.47	-1.11	0.00	24.70	-1.09	0.00	50.69	-0.70	0.85	38.01	-0.61	0.00
DAFX3T	62.07	-0.60	0.41	1.83	-1.49	0.33	27.10	-0.53	1.36	46.00	-1.37	1.01	30.60	-1.36	1.24
EA8B4C	73.18	0.59	0.01	2.52	-1.08	0.00	32.98	0.82	0.00	64.14	1.20	0.02	47.68	0.36	0.01
FEHNLB	80.88	1.42	1.15	4.41	0.06	0.64	34.94	1.28	1.63	65.19	1.35	0.44	56.97	1.30	1.81
GH23MQ	70.27	0.28	0.13	4.33	0.01	0.13	32.60	0.74	0.42	67.03	1.61	0.76	54.07	1.01	1.37
GWF9YP	63.50	-0.45		9.00	2.81X		28.00	-0.32		55.00	-0.09		40.00	-0.41	
HF9LT9	76.91	1.00	0.00	5.65	0.80	0.00	34.10	1.08	0.00	59.41	0.53	0.00			
K2K7X8	18.40	-5.31X	0.00	3.87	-0.27	0.00	28.10	-0.30	0.00	51.20	-0.63	0.00	37.20	-0.70	0.00
KDA3Z7	75.97	0.89	0.83	4.60	0.17	0.23	29.33	-0.02	0.34	71.30	2.21	0.66	62.50	1.86	0.28
MJVU46	49.79	-1.93	2.35	2.28	-1.23	0.08	21.13	-1.91	1.11	26.77	-4.08X	2.51	24.95	-1.93	1.19
NYYNB4	57.00	-1.15	0.46	4.00	-0.19	2.30	27.00	-0.56	0.96	49.00	-0.94	1.01	29.00	-1.52	1.86



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
RJCKDX	58.57	-0.98	1.37	10.17	3.51	2.93	29.70	0.07	2.83	63.40	1.09	1.57	45.23	0.11	1.65
RQB76X	61.00	-0.72	0.91	6.00	1.01		26.67	-0.63	1.47	55.67	0.00	2.10	45.33	0.12	0.36
T4LUYG	68.40	0.08	0.00	2.40	-1.15	0.00	29.48	0.02	0.00	56.28	0.09	0.00	44.44	0.03	0.00
TMXLZX	67.00	-0.07	1.05	5.60	0.77	2.30	27.07	-0.54	0.97	55.20	-0.07	0.73	35.13	-0.90	0.95
WGA6XV	65.00	-0.29		4.58	0.16	0.83	31.67	0.52	1.39	54.17	-0.21	1.46	39.58	-0.46	1.19
XDAGUT	75.40	0.83	0.00	5.00	0.41		32.80	0.78	0.00	55.70	0.00	0.00	42.20	-0.19	0.00
YY93BB	71.26	0.39	0.57	6.67	1.41	1.66	31.67	0.52	0.69	61.25	0.79	2.17	46.66	0.26	0.44
ZYLZX8	65.70	-0.21	3.12	5.15	0.50	1.33	27.18	-0.51	0.97	55.60	-0.01	1.16	41.28	-0.28	1.24

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	67.7			4.32			29.4			55.7			44.1		
Median Abs Dev	5.7			1.01			2.4			4.7			4.6		
Avg Within Lab SD	2.2			0.87			1.0			1.0			1.6		
Labs Included	30			31			32			31			31		
Labs Reporting	32			33			34			33			31		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
	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
2PQHXP	7.87	-0.05	0.00	7.57	1.03	0.00	10.16	0.82	0.00	26.82	0.43	0.00	39.87	0.01	0.00
3463VM	9.01	0.22	0.22	3.36	-0.46	0.11	5.51	-0.68	0.34	27.21	0.55	0.10	35.35	-0.56	0.85
3DWDAP	6.33	-0.42	0.38	3.67	-0.35	0.73	5.67	-0.63	0.69	26.33	0.28	0.65	41.00	0.15	
74F2M3	7.00	-0.26		3.00	-0.59		7.00	-0.20		23.00	-0.73		7.00	-4.14X	
78ECH3	12.43	1.04	0.49	9.43	1.69	0.96	12.77	1.67	0.90	34.10	2.63X	0.22	41.43	0.21	0.40
7NY3H2	20.63	2.99X	0.48	6.24	0.56	0.79	10.79	1.03	0.75	30.84	1.65	0.90	54.61	1.87	0.62
7PULJ3	18.20	2.41	0.00	4.08	-0.21	0.00	14.12	2.10	0.00	40.20	4.48X	0.00	46.08	0.79	0.00
9CJY3G	5.67	-0.58	0.75	5.00	0.12		5.00	-0.85		25.00	-0.12		27.67	-1.53	1.98
9W2CQX	5.00	-0.74		1.67	-1.06	0.91	3.33	-1.38	0.86	21.25	-1.26		35.83	-0.50	0.47
AL4NGF	14.28	1.48	0.00	8.36	1.31	0.00	10.20	0.84	0.00	28.40	0.91	0.00	26.36	-1.70	0.00
BGNHEE	10.87	0.66	0.47	6.70	0.72	0.88	11.00	1.10	0.83	27.13	0.52	0.84	44.07	0.54	0.52
BQFQ6X	11.07	0.71	0.54	5.73	0.38	1.91	8.40	0.25	1.91	27.73	0.71	0.93	40.40	0.08	2.03
BW3NPE				4.20	-0.17	0.88	6.73	-0.28	0.90	21.23	-1.26	0.84			
BXCPCC	3.60	-1.07	0.09	4.33	-0.12	0.30	5.24	-0.77	0.14	22.64	-0.84	0.23	33.23	-0.83	0.08
CPW67F							10.20	0.84							
D64TTE	9.62	0.37	0.00	7.41	0.97	0.00	7.41	-0.07	0.00	24.14	-0.38	0.45	38.01	-0.23	0.00
DAFX3T	6.53	-0.37	0.08	3.83	-0.30	0.36	9.40	0.58	1.19	28.83	1.04	1.16	43.73	0.50	0.99
EA8B4C	7.84	-0.06	0.00	7.56	1.03	0.00	7.61	0.00	0.01	24.05	-0.41	0.01	39.73	-0.01	0.01
FEHNLB	15.54	1.78	1.84	6.75	0.74	0.83	8.08	0.15	0.12	26.91	0.46	0.54	35.86	-0.50	1.92
GH23MQ	13.47	1.28	0.10	5.97	0.46	0.19	4.20	-1.10	0.12	25.30	-0.03	0.95	37.30	-0.32	1.04
GWF9YP	10.00	0.46		6.50	0.65		8.50	0.29		25.50	0.03		41.50	0.21	
HF9LT9	7.73	-0.08	0.00	3.43	-0.44	0.00	7.51	-0.03	0.00	27.14	0.53	0.00			
K2K7X8	2.50	-1.33		3.25	-0.50		6.73	-0.29	0.00	25.10	-0.09	0.00	40.00	0.03	
KDA3Z7	3.70	-1.04	0.07	4.07	-0.21	0.07	3.80	-1.23	0.24	20.03	-1.62	0.64	25.13	-1.85	0.29
MJVU46	3.72	-1.04	2.47	1.46	-1.14	0.73	3.80	-1.23	2.70	22.51	-0.87	3.63	19.05	-2.62	2.25
NYYNB4	24.00	3.79X	1.96	20.00	5.44X	1.26	23.00	4.98X	2.39	42.00	5.02X	1.12	58.00	2.30	1.95



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
RJCKDX	8.67	0.14	0.98	4.17	-0.18	1.82	9.27	0.53	1.72	25.80	0.12	1.74	40.60	0.10	1.01
RQB76X	7.33	-0.18	0.75	7.00	0.83	1.26	7.67	0.02	1.82	25.67	0.08	0.65	37.00	-0.35	0.65
T4LUYG	12.40	1.03	0.00	8.40	1.32	0.00	10.48	0.93	0.00	30.72	1.61	0.00	44.56	0.60	0.00
TMXLZX	11.20	0.74	1.30	3.07	-0.57	3.29	8.00	0.13	1.26	28.53	0.95	1.29	46.33	0.82	0.78
WGA6XV	7.50	-0.14		2.92	-0.62	0.91	5.83	-0.58	1.72	22.50	-0.88		37.08	-0.34	0.47
XDAGUT	7.80	-0.07	0.00	5.00	0.12		7.60	0.00	0.00	23.90	-0.45	0.00	39.60	-0.03	0.00
YY93BB	10.00	0.46	0.00	7.92	1.15	0.91	10.00	0.77	0.00	25.00	-0.12	0.00	42.08	0.29	0.47
ZYLZX8	8.30	0.05	3.28	0.18	-1.59	0.00	4.82	-0.90	1.20	21.06	-1.31	0.00	36.72	-0.39	0.00

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	8.09			4.67			7.61			25.4			39.8		
Median Abs Dev	2.17			1.63			2.10			1.8			3.5		
Avg Within Lab SD	1.53			0.79			0.84			0.9			1.5		
Labs Included	30			32			33			30			30		
Labs Reporting	32			33			34			33			31		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %							
SRS2506					SRS2507					SRS2508					SRS2509					SRS2510		
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			
BXCPCC	27.25		1.00		7.63		1.00		12.31		1.00		32.69		1.00		37.63		1.00			
Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups																		Data units: %				
SRS2506					SRS2507					SRS2508					SRS2509					SRS2510		
Grand Median	27.3				7.63				12.3				32.7				37.6					
Median Abs Dev																						
Avg Within Lab SD	0.2				0.17				0.1				0.1				0.0					
Labs Included	1				1				1				1				1					
Labs Reporting	1				1				1				1				1					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups															Data units: %			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
BXCPCC	7.86		1.00	3.41		1.00	4.40		1.00	14.81		1.00	21.03		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups													Data units: %	
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510	
Grand Median	7.86			3.41			4.40			14.8			21.0	
Median Abs Dev														
Avg Within Lab SD	0.08			0.15			0.10			0.1			0.1	
Labs Included	1			1			1			1			1	
Labs Reporting	1			1			1			1			1	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
BXCPCC	19.39		1.09	4.22		1.41	7.91		1.30	17.89		0.15	16.60		1.39	
EA8B4C	4.65		0.90	0.81		0.00	1.59		0.55	7.10		1.41	6.37		0.24	
Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	12.0			2.51			4.75			12.5			11.5			
Median Abs Dev																
Avg Within Lab SD	0.1			0.02			0.05			0.0			0.0			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
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	
3DWDAP	1,158.3	-0.70	0.04	2,844.0	-0.49	0.14	722.7	0.22	0.34	256.3	0.61	0.84	620.0	0.37	0.93	
7NY3H2	1,208.7	-0.06	1.21	2,860.0	-0.43	1.42	681.0	-0.50	0.75	231.3	-0.36	0.34	590.7	-0.39	0.77	
7PULJ3	1,224.0	0.13	1.32	3,096.7	0.43	0.76	687.3	-0.39	0.83	226.3	-0.56	1.17	605.7	0.00	0.51	
AL4NGF	1,274.7	0.77	0.03	3,159.7	0.66	0.01	743.9	0.58	0.19	272.4	1.23	0.04	648.9	1.12	0.04	
BGNHEE	1,114.6	-1.25	0.46	2,564.6	-1.52	0.71	636.5	-1.25	1.08	214.2	-1.03	0.53	548.6	-1.48	0.39	
ETMK6D	1,259.0	0.58	2.02	667.9	-8.46X	0.35	802.4	1.58	0.59	289.3	1.89	2.20	654.3	1.26	2.56	
M2UUC4	1,213.4	0.00	0.21	3,130.6	0.56	0.61	710.0	0.00	0.58	244.0	0.13	0.69	592.1	-0.35	0.55	
TMXLZX	1,342.1	1.63	0.64	3,141.9	0.60	1.63	750.5	0.69	1.31	240.7	0.00	0.41	641.9	0.94	0.34	
VDUKAU	1,137.7	-0.96	1.03	2,787.3	-0.70	1.36	658.7	-0.88	2.01	233.7	-0.27	1.02	599.0	-0.17	0.41	
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510			
Grand Median	1,213.4			2,978.3			710.0			240.7			605.7			
Median Abs Dev	55.1			157.9			33.9			14.3			15.0			
Avg Within Lab SD	36.8			140.0			17.4			9.1			21.1			
Labs Included	9			8			9			9			9			
Labs Reporting	9			9			9			9			9			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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			
BQFQ6X	73.4		1.00	40.6		1.00	42.7		1.00	11.0		1.00	60.6		1.00			

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups															Data units: mg/kg
	SRS2506			SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	73.4			40.6			42.7			11.0			60.6		
Median Abs Dev															
Avg Within Lab SD	1.2			2.5			1.6			0.8			3.5		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups															Data units: mg/kg			
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510		
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
3DWDAP	8.00			3.00			12.00			12.00			12.00			14.00		

DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
SRS2506				SRS2507				SRS2508				SRS2509				SRS2510
Grand Median	8.00			3.00			12.0			12.0			12.0			14.0
Median Abs Dev																
Avg Within Lab SD	0.00			0.00			0.0			0.0			0.0			0.0
Labs Included	1			1			1			1			1			1
Labs Reporting	1			1			1			1			1			1



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
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
3DWDAP	63.0			29.7		0.75	19.0			11.3		0.89			
VDUKAU	58.3		1.00	24.0		1.20	15.4		1.00	6.9		1.10	0.3		1.00
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups													Data units: mg/kg		
SRS2506				SRS2507			SRS2508			SRS2509			SRS2510		
Grand Median	60.7			26.8			17.2			9.10			0.29		
Median Abs Dev															
Avg Within Lab SD	9.2			1.5			1.5			1.29			0.30		
Labs Included	2			2			2			2			1		
Labs Reporting	2			2			2			2			1		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Dry Matter (%) (SubTestCode 201)													Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	94.2	0.00	0.00	93.9	0.33	0.00	94.0	-0.46		94.5	-0.28		
9CJY3G	94.2	0.00	2.14	93.4	-0.18	2.18	93.8	-0.65	1.97	94.1	-0.59	2.81	
9N9W4E	94.7	0.40		93.9	0.38		95.2	0.60		95.7	0.52		
BGNHEE	93.7	-0.40	0.08	93.1	-0.45	0.14	94.0	-0.47	0.12	94.1	-0.59	0.11	
BXCPCC	94.9	0.49	0.13	95.3	1.76	0.48	95.4	0.87	0.29	96.1	0.83	0.53	
CXRAZG	92.1	-1.54	0.00	92.7	-0.90	0.00	92.6	-1.78	0.00	92.7	-1.54	0.00	
EA8B4C	93.4	-0.58	0.12	93.6	0.00	0.16	94.6	0.09	0.00	94.8	-0.07	0.00	
GZGCNQ	92.5	-1.27	0.30	92.6	-1.02	0.00	93.2	-1.17	0.73	93.8	-0.76	0.72	
LR7U3L	93.5	-0.52		93.5	-0.08		94.5	0.00		95.0	0.07		
NYYNB4	94.7	0.35	0.40	94.1	0.57	0.12	94.9	0.35	1.04	95.2	0.24	0.48	
Q2EYXY	96.9	1.98	0.60	97.9	4.48X	2.19	97.6	2.85X	0.18	97.7	1.95	0.10	
RQB76X	95.4	0.89	2.25	94.9	1.39	2.75	95.7	1.11	2.43	96.4	1.05	1.86	
RTJECX	94.4	0.16	1.92	94.3	0.76	0.58	95.1	0.60	0.64	95.5	0.43	0.32	
U6NALD	93.0	-0.93	0.06	92.6	-0.98	0.15	93.2	-1.18	0.16	93.4	-1.06	0.02	
WGA6XV	94.0	-0.15	0.12	93.4	-0.23	0.12	94.1	-0.41	0.18	94.3	-0.39	0.69	
YY93BB	95.7	1.13	0.07	94.6	1.08	0.16	94.9	0.38	0.18	95.5	0.44	0.12	

Dry Matter (%) (SubTestCode 201)					Data units: Percent
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	94.2	93.6	94.5	94.9	
Median Abs Dev	0.7	0.6	0.6	0.8	
Avg Within Lab SD	0.3	0.3	0.3	0.3	
Labs Included	16	15	15	16	
Labs Reporting	16	16	16	16	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	1,066.7	0.99	0.44	18,000.0	0.46	0.11	106.7	0.00	0.12	1,250.0	1.18	
4NPE46	1,081.0	1.08	0.02	21,063.3	1.23	0.66	488.7	2.32	0.18	1,056.0	0.53	0.26
6FBYQ2	654.5	-1.56	3.34	14,415.6	-0.44	2.51	76.5	-0.18	0.95	782.0	-0.38	3.96
8B9T92	788.0	-0.73	0.29	14,266.7	-0.48	0.54	881.7	4.72	0.62	31.7	-2.87	0.10
AGT9CY	953.0	0.29	0.41	18,819.7	0.67	0.26	133.7	0.16	0.08	940.0	0.15	0.03
BQFQ6X	964.0	0.36	1.85	16,260.0	0.02	0.61	124.6	0.11	1.02	2,775.0	6.26X	23.69
BXCPCC	739.9	-1.03	0.01	23,091.7	1.74	0.00	87.1	-0.12	0.01	757.2	-0.46	0.01
GZGCNQ	935.9	0.18	0.38	18,139.6	0.49	0.23	28.9	-0.47	0.02	994.6	0.33	0.18
LJW6PM	942.7	0.22	1.50	15,227.8	-0.24	2.48	195.3	0.54	3.39	866.0	-0.10	1.01
MJVU46	714.0	-1.19	0.32	15,123.0	-0.26	0.04	335.0	1.39	0.22	795.7	-0.33	0.28
NYYNB4	906.3	0.00	0.46	18,634.7	0.62	0.07	156.0	0.30	1.69	980.7	0.28	0.06
Q7E99Z	944.7	0.24	0.29	16,085.3	-0.02	0.34	121.3	0.09	0.76	1,044.3	0.50	0.22
RQB76X	884.9	-0.13	0.59	17,292.3	0.28	0.58	114.0	0.04	0.92	916.7	0.07	0.75
RTJECX	861.3	-0.28	0.20	16,512.3	0.09	1.73	32.0	-0.45	0.14	895.3	0.00	0.24
U6NALD	670.3	-1.46	0.18	13,637.7	-0.64	0.16	16.0	-0.55	0.02	662.3	-0.78	0.16
VDUKAU	734.3	-1.06	0.52	14,687.3	-0.37	1.05	73.0	-0.20	0.86	714.7	-0.60	0.50
WGA6XV	251.6	-4.05X	0.02	7,184.1	-2.26	0.14	1,557.8	8.83X	0.73	25.0	-2.90	0.02
YMELLA	615.0	-1.80	0.65	15,922.3	-0.06	1.18	45.0	-0.38	0.18	647.7	-0.82	0.20
YY93BB	910.9	0.03	0.08	18,462.9	0.58	0.51	40.7	-0.40	0.04	953.2	0.19	0.06
ZYLZX8	935.1	0.18	0.20	6,114.0	-2.53	0.22	44.8	-0.38	0.04	997.1	0.34	0.35

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	906.3			16,172.7			106.7			895.3		
Median Abs Dev	57.7			1,866.7			61.7			113.4		
Avg Within Lab SD	65.6			909.2			48.3			66.5		
Labs Included	19			20			19			19		
Labs Reporting	20			20			20			20		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3 - N ISE (SubTestCode 203)												Data units: mg/kg		
SRB2505				SRB2506			SRB2507			SRB2508				
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		
3DWDAP	1,066.7		0.48	18,000.0		0.18	106.7		1.11	1,250.0				
78ECH3	1,943.3		1.24	14,500.0		0.36	456.7		1.11	1,830.0		0.40		
CXRAZG	1,249.4		0.28	18,253.9		0.22	56.6		0.73	1,228.4		0.43		
NMQQKH	909.7		1.47	13,960.3		1.95				965.3		1.63		
NO3 - N ISE (SubTestCode 203)												Data units: mg/kg		
SRB2505				SRB2506			SRB2507			SRB2508				
Grand Median	1,158.0			16,250.0			106.7			1,239.2				
Median Abs Dev														
Avg Within Lab SD	60.7			557.1			5.2			50.1				
Labs Included	4			4			3			4				
Labs Reporting	4			4			3			4				



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg
SRB2505				SRB2506			SRB2507			SRB2508		
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
9N9W4E	1,015.7		1.00	19,472.7		0.99	47.4		0.02	1,071.6		1.16
BGNHEE	1,681.7		1.19	18,283.3		1.35	1,276.7		1.73	1,533.3		1.28
LR7U3L	984.7		0.76	6,400.7		0.47	88.7		0.00	1,048.3		0.12
NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg
SRB2505				SRB2506			SRB2507			SRB2508		
Grand Median	1,015.7			18,283.3			88.7			1,071.6		
Median Abs Dev												
Avg Within Lab SD	12.8			158.0			116.7			17.6		
Labs Included	3			3			3			3		
Labs Reporting	3			3			3			3		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NH4-N (SubTestCode 205)												Data units: mg/kg			
SRB2505				SRB2506				SRB2507				SRB2508			
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			
BXCPCC	2.1		0.01	1.3		0.00	1.0		0.00	3.8		0.00			
GZGCNQ	247.0		1.41	130.8		1.41	132.1		1.41	402.0		1.41			
NH4-N (SubTestCode 205)												Data units: mg/kg			
SRB2505				SRB2506				SRB2507				SRB2508			
Grand Median	124.5			66.0			66.6			202.9					
Median Abs Dev															
Avg Within Lab SD	1.0			0.9			2.1			2.9					
Labs Included	2			2			2			2					
Labs Reporting	2			2			2			2					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PO4 - P (SubTestCode 206)												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	1,734.0	-0.59	0.01	1,456.7	0.07	0.09	335.0	0.34	0.30	2,001.3	-1.13	0.15
6FBYQ2	2,584.8	1.56	0.15	1,822.9	4.93X	4.71	561.0	7.38X	7.16	2,970.5	3.51X	5.35
78ECH3	1,346.7	-1.57	3.27	1,486.7	0.46	0.15	320.0	-0.12	1.42	2,210.0	-0.13	0.20
BQFQ6X	2,023.3	0.14	0.27	1,444.7	-0.09	1.48	334.7	0.33	1.40	2,263.3	0.13	1.04
LJW6PM	1,989.0	0.05	0.09	1,462.0	0.14	2.34	368.0	1.37	1.15	2,423.3	0.89	1.13
MJVU46	1,709.7	-0.65	0.04	1,289.7	-2.15	0.14	298.3	-0.80	1.25	2,156.7	-0.38	0.24
Q7E99Z	1,972.7	0.01	0.07	1,446.7	-0.07	0.51	288.0	-1.12	0.70	2,418.0	0.87	0.64
RQB76X	1,964.7	-0.01	0.27	1,514.0	0.83	0.82	361.0	1.15	1.02	2,378.3	0.68	0.74
RTJECX	2,900.0	2.35	0.33	1,500.0	0.64		2,566.7	69.81X	12.53	2,000.0	-1.13	2.02
VDUKAU	1,778.3	-0.48	0.10	1,300.7	-2.00	0.40	297.3	-0.83	0.64	2,090.0	-0.70	0.75
YMELLA	1,968.7	0.00	0.13	1,429.7	-0.29	0.42	324.0	0.00	0.30	2,385.0	0.71	1.39

PO4 - P (SubTestCode 206)					Data units: mg/kg
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	1,968.7	1,451.7	324.0	2,236.7	
Median Abs Dev	190.3	28.5	25.7	147.5	
Avg Within Lab SD	303.9	75.9	12.2	49.6	
Labs Included	11	10	9	10	
Labs Reporting	11	11	11	11	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SO4 - S (SubTestCode 207)												Data units: mg/kg
SRB2505			SRB2506			SRB2507			SRB2508			
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
3DWDAP	2,190.3		0.07	625.7		0.61	186.7		0.12	470.0		0.09
BQFQ6X	0.6		0.00	0.2		0.00	0.1		0.00	0.3		0.00
CXRAZG	2,439.3		0.36	713.6		0.03	257.3		0.28	551.9		0.16
RQB76X	4,568.7		1.97	1,246.7		1.90	375.0		1.98	970.0		1.99
SO4 - S (SubTestCode 207)												Data units: mg/kg
SRB2505			SRB2506			SRB2507			SRB2508			
Grand Median	2,314.8			669.6			222.0			510.9		
Median Abs Dev												
Avg Within Lab SD	85.5			20.6			9.9			21.2		
Labs Included	4			4			4			4		
Labs Reporting	4			4			4			4		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CI (SubTestCode 208)												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	2.06	1.12	0.00	2.81	0.47	0.07	0.23	-0.11	0.06	0.50	1.47	0.18
4NPE46	1.91	0.09	1.26	2.85	0.64	0.48	5.08	43.83X	2.69	0.56	2.93X	0.84
78ECH3	1.77	-0.88	0.28	2.75	0.24	0.55	0.28	0.28	0.23	0.45	0.18	0.38
8AJAKH	1.99	0.61	1.78	2.83	0.54	0.46	0.30	0.46	0.21	0.48	0.99	0.87
9N9W4E	1.90	0.02	0.34	2.68	-0.03	0.28	0.23	-0.10	0.06	0.41	-0.70	0.51
BGNHEE	1.99	0.65	1.10	3.19	1.93	0.90	0.20	-0.44	0.23	0.42	-0.37	0.38
BQFQ6X	1.90	0.00	1.23	2.60	-0.33	0.81	0.52	2.46	3.58	0.49	1.26	1.13
GZGCNQ	1.89	-0.08	0.24	2.80	0.45	0.06	0.21	-0.29	0.03	0.43	-0.18	0.08
HLD6C8	1.82	-0.54	0.10	2.68	-0.03	0.08	0.21	-0.32	0.00	0.42	-0.44	0.00
LR7U3L	1.76	-0.94	0.21	2.63	-0.21	0.09	0.21	-0.32	0.00	0.43	-0.21	0.66
MJVU46	1.77	-0.88	0.38	2.68	-0.03	0.08	0.37	1.13	0.39	0.49	1.12	0.38
MRPXAM	2.00	0.69	0.20	2.41	-1.06	1.75	0.49	2.20	0.70	0.46	0.39	1.65
NYYNB4	3.60	11.47X	22.30	3.02	1.27	1.13	0.70	4.15X	4.96	0.66	5.25X	0.38
Q7E99Z	1.75	-0.99	0.83	2.69	0.03	0.43	0.22	-0.26	0.23	0.42	-0.52	0.38
RQB76X	1.60	-2.00	2.01	2.50	-0.72	1.08	0.21	-0.29	0.60	0.39	-1.22	2.33
RTJECX	1.98	0.54	2.05	3.23	2.09	3.13	0.26	0.10	0.60	0.47	0.80	0.38
U6NALD	1.69	-1.42	0.28	2.27	-1.62	0.16	0.30	0.46	0.60	0.43	-0.21	1.15
YMELLA	1.90	0.02	0.00	2.57	-0.46	0.45	0.42	1.55	1.13	0.47	0.73	1.75
CI (SubTestCode 208)												Data units: Percent
SRB2505			SRB2506			SRB2507			SRB2508			
Grand Median	1.90		2.69			0.25			0.44			
Median Abs Dev	0.10		0.12			0.04			0.03			
Avg Within Lab SD	0.06		0.13			0.03			0.02			
Labs Included	17		18			16			16			
Labs Reporting	18		18			18			18			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

TKN (SubTestCode 209)												Data units: Percent
SRB2505				SRB2506			SRB2507			SRB2508		
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
3463VM	2.24	-0.50	0.32	1.73	-1.43	0.44	1.37	-0.35	0.71	3.51	-0.67	0.19
3DWDAP	2.30	-0.16	0.31	2.39	0.06	0.20	1.32	-0.72	0.29	3.56	-0.41	0.41
9CJY3G	2.17	-0.92	2.70	2.07	-0.65	1.18	1.12	-2.40	2.54	3.71	0.39	2.81
BQFQ6X	2.42	0.57	0.91	2.32	-0.08	1.23	1.52	0.91	1.19	3.64	0.00	0.18
EA8B4C	2.32	0.00	0.38	2.36	0.00	0.00	1.45	0.33	0.27	3.61	-0.15	0.00
GWF9YP	2.45	0.78	0.09	3.35	2.25	0.08	1.41	0.00	0.16	3.74	0.54	0.07
GZGCNQ	2.60	1.68	0.70	2.58	0.51	0.77	1.45	0.31	0.43	3.96	1.70	0.20
HLD6C8	2.27	-0.32	0.00	2.00	-0.81		1.32	-0.75	0.00	3.58	-0.31	0.00
M2UUC4	2.51	1.13	0.10	2.48	0.27	2.06	1.45	0.29	0.51	4.00	1.90	0.90
TKN (SubTestCode 209)												Data units: Percent
SRB2505				SRB2506			SRB2507			SRB2508		
Grand Median	2.32			2.36			1.41			3.64		
Median Abs Dev	0.09			0.22			0.04			0.08		
Avg Within Lab SD	0.06			0.08			0.06			0.14		
Labs Included	9			9			9			9		
Labs Reporting	9			9			9			9		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

N- Dry Comb. (SubTestCode 210)												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2PTAQ6	2.47	0.05	0.12	3.42	0.11	0.08	1.40	0.19	0.38	3.81	0.43	0.11
3DWDAP	2.47	0.09	0.34	3.38	-0.17	0.07	1.42	0.44	0.60	3.77	0.13	0.02
4NPE46	2.42	-0.38	0.53	3.34	-0.43	0.18	1.42	0.39	0.42	3.72	-0.28	0.19
6FBYQ2	2.24	-2.03	0.56	3.14	-1.86	1.15	1.13	-2.75X	0.76	3.59	-1.36	0.71
78ECH3	2.40	-0.57	0.80	3.42	0.14	0.48	1.33	-0.61	2.14	3.72	-0.34	0.58
8AJAKH	2.46	-0.01	0.96	3.40	0.02	0.73	1.37	-0.11	1.58	3.76	0.05	0.74
8B9T92	2.56	0.90	0.99	3.49	0.67	0.66	1.47	0.98	0.56	3.89	1.10	1.13
8KFH2Y	2.54	0.75	0.41	3.40	0.02	0.10	1.47	0.90	0.24	3.78	0.22	0.19
9N9W4E	2.53	0.66	0.47	3.56	1.12	0.32	1.44	0.61	0.16	3.93	1.48	0.23
AGT9CY	2.51	0.42	0.41	3.43	0.21	0.18	1.45	0.72	0.42	3.79	0.31	0.25
BGNHEE	2.38	-0.72	0.31	3.29	-0.76	0.10	1.31	-0.75	0.48	3.66	-0.78	0.41
BXCPCC	2.69	2.07	0.16	3.87	3.35X	0.10	1.52	1.51	0.18	4.29	4.42X	0.04
CXRAZG	2.53	0.60	0.45	3.48	0.56	0.16	1.45	0.72	0.20	3.88	1.00	0.11
DAFX3T	1.68	-7.21X	2.00	2.10	-9.27X	0.79	0.96	-4.51X	2.06	2.96	-6.64X	1.36
EB22AQ	2.54	0.75	0.41	3.47	0.52	0.21	1.38	0.00	0.48	3.82	0.53	0.43
GE2RRQ	2.41	-0.47	0.27	3.26	-1.02	0.21	1.30	-0.86	0.48	3.67	-0.70	0.90
GZGCNQ	2.44	-0.20	0.80	3.32	-0.55	0.89	1.37	-0.11	1.28	3.70	-0.48	0.16
HLD6C8	2.55	0.81	0.27	3.14	-1.83	0.28	1.40	0.14	0.48	3.64	-1.01	0.25
LJW6PM	2.57	0.97	4.07	3.53	0.95	2.76	1.60	2.33	0.00	3.93	1.48	4.12
LR7U3L	2.37	-0.87	0.15	3.29	-0.78	0.00	1.35	-0.32	0.24	3.76	0.00	0.66
M2UUC4	2.40	-0.57	0.37	3.30	-0.71	0.31	1.37	-0.20	1.16	3.67	-0.77	0.34
MRPXA2	2.54	0.76	0.27	3.58	1.29	0.10	1.46	0.82	0.45	3.81	0.48	1.17
MRPXAM	2.53	0.67	0.11	3.49	0.67	0.22	1.43	0.53	0.19	3.85	0.80	0.05
NMQQKH	2.42	-0.41	0.72	3.32	-0.54	0.42	1.37	-0.12	1.63	3.73	-0.25	0.74
NYYNB4	2.50	0.34	0.06	3.41	0.10	1.30	1.38	0.00	1.37	3.83	0.63	0.19
Q2EYXY	2.50	0.35	0.27	3.26	-1.02	0.28	1.44	0.61	0.83	3.63	-1.03	0.34



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

N- Dry Comb. (SubTestCode 210)												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Q7E99Z	2.31	-1.39	0.27	3.31	-0.64	0.48	1.37	-0.11	0.24	3.63	-1.09	0.68
R9T6AV	2.45	-0.15	0.56	3.36	-0.26	0.16	1.37	-0.16	0.81	3.74	-0.18	0.30
RCWWKH	2.35	-0.99	0.31	3.28	-0.88	0.21	1.28	-1.07	0.64	3.66	-0.78	0.09
RQB76X	2.46	-0.04	2.14	3.36	-0.29	0.48	1.39	0.04	1.74	3.75	-0.09	0.77
RTJECX	2.38	-0.79	0.53	3.41	0.04	0.16	1.26	-1.34	0.17	3.76	0.00	0.41
T4LUYG	2.72	2.36	0.16	3.73	2.35	0.05	1.57	1.97	0.20	4.19	3.66X	0.10
U6NALD	2.27	-1.73	0.55	3.05	-2.47	2.41	1.25	-1.47	2.06	3.52	-2.01	0.25
V4VKZW	2.45	-0.08	1.28	3.36	-0.25	0.88	1.43	0.49	1.95	3.76	0.07	1.29
VDUKAU	2.38	-0.75	0.92	3.42	0.17	3.55	1.35	-0.36	0.42	3.57	-1.56	3.12
WGA6XV	2.49	0.29	0.51	3.51	0.80	0.11	1.34	-0.44	0.60	3.90	1.20	0.24
YFTTBA	2.46	0.01	0.88	3.45	0.34	0.20	1.33	-0.59	0.25	3.83	0.62	0.40
YMELLA	2.50	0.35	2.66	3.44	0.29	2.20	1.57	1.97	2.41	3.77	0.08	0.95
YY93BB	2.37	-0.80	0.08	3.26	-1.02	0.29	1.31	-0.84	0.46	3.63	-1.06	0.15
ZDLVE8	2.48	0.14	0.81	3.40	0.00	0.72	1.46	0.86	1.47	3.84	0.70	0.59
ZYLZX8	2.39	-0.68	0.76	3.34	-0.45	0.54	1.32	-0.63	0.38	3.69	-0.58	0.07

N- Dry Comb. (SubTestCode 210)												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	2.46			3.40			1.38			3.76		
Median Abs Dev	0.07			0.08			0.06			0.07		
Avg Within Lab SD	0.04			0.06			0.02			0.06		
Labs Included	40			39			39			38		
Labs Reporting	41			41			41			41		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

S- Dry Comb. (SubTestCode 211)													Data units: Percent	
SRB2505				SRB2506			SRB2507			SRB2508				
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		
BXCPCC	0.53		0.19	0.18		0.02	0.07		0.26	0.20		0.02		
YY93BB	0.53		1.40	0.18		1.41	0.15		1.39	0.24		1.41		
S- Dry Comb. (SubTestCode 211)													Data units: Percent	
SRB2505				SRB2506			SRB2507			SRB2508				
Grand Median	0.53			0.18			0.11			0.22				
Median Abs Dev														
Avg Within Lab SD	0.01			0.01			0.00			0.00				
Labs Included	2			2			2			2				
Labs Reporting	2			2			2			2				



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

C-Dry Comb (SubTestCode 2111)													Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	37.7	-1.52	0.20	29.8	-1.97	0.30	47.9	-0.24	1.86	41.3	-1.74	0.41	
BGNHEE	38.9	-0.16	1.09	31.5	0.00	0.66	48.2	-0.14	1.59	42.6	-0.05	0.40	
BXCPCC	40.6	1.81	0.07	32.7	1.38	0.01	50.9	0.95	0.03	43.7	1.50	0.01	
DAFX3T	39.1	0.07	1.47	31.7	0.21	1.82	41.8	-2.68	1.30	38.1	-5.90X	0.51	
GZGCNQ	38.1	-1.07	0.49	30.7	-0.95	0.12	48.0	-0.21	0.25	41.8	-0.99	0.13	
M2UUC4	38.4	-0.72	0.05	30.7	-0.96	0.42	48.4	-0.03	0.54	42.3	-0.37	0.21	
NMQQKH	38.8	-0.26	0.92	31.2	-0.40	2.25	48.3	-0.09	1.36	42.3	-0.34	1.34	
RQB76X	39.6	0.68	2.33	32.4	1.04	0.72	48.6	0.03	0.06	42.8	0.30	2.55	
T4LUYG	44.1	5.84X	0.33	35.0	3.91X	0.40	55.2	2.66	0.21	48.2	7.33X	0.15	
YFTTBA	39.7	0.85	0.96	31.8	0.31	1.14	50.1	0.62	0.64	43.5	1.22	1.06	
YY93BB	39.2	0.28	0.37	31.4	-0.17	0.09	49.2	0.29	1.27	42.6	0.05	0.08	
ZYLZX8	39.0	0.00	0.20	31.6	0.05	0.29	48.9	0.15	0.20	42.8	0.20	0.46	
C-Dry Comb (SubTestCode 2111)													Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508			
Grand Median	39.0			31.5			48.5			42.6			
Median Abs Dev	0.6			0.4			0.6			0.3			
Avg Within Lab SD	0.3			0.2			0.2			0.2			
Labs Included	11			11			12			10			
Labs Reporting	12			12			12			12			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	0.34	1.01	5.72	0.30	1.56	5.70	0.13	4.27X	17.16	0.28	-2.70X	9.03
2PTAQ6	0.32	0.29	0.10	0.28	0.43	0.30	0.10	0.00	1.01	0.36	0.32	1.90
3463VM	0.30	-0.42	0.20	0.26	-0.32	0.14	0.09	-0.84	0.28	0.34	-0.52	0.05
3DWDAP	0.33	0.58	0.51	0.29	0.76	0.38	0.10	0.00	0.33	0.37	0.60	0.26
4NPE46	0.34	1.11	0.00	0.29	0.90	0.00	0.10	0.16	0.00	0.39	1.63	0.59
6FBYQ2	0.33	0.87	0.08	0.29	0.93	0.24	0.11	0.91	1.09	0.38	1.20	0.15
8AJAKH	0.29	-0.87	1.23	0.25	-0.97	0.74	0.09	-1.04	1.12	0.33	-0.68	1.39
8B9T92	0.29	-1.00	0.55	0.27	0.04	0.84	0.10	0.00	0.44	0.38	0.96	0.47
8KFB2Y	0.30	-0.60	0.00	0.26	-0.45	0.00	0.09	-1.07	0.00	0.33	-0.78	0.00
9CJY3G	0.34	1.06	0.56	0.29	0.91	0.99	0.11	1.19	2.45	0.40	1.92	2.44
9N9W4E	0.32	0.45	0.25	0.28	0.62	0.02	0.10	0.33	0.26	0.36	0.21	0.37
9R98ZE	0.35	1.34	0.40	0.31	1.87	0.89	0.10	0.10	1.17	0.37	0.81	0.89
AGT9CY	0.32	0.40	0.97	0.27	0.00	0.64	0.10	0.16	2.88	0.37	0.74	1.02
BGNHEE	0.34	1.11	0.00	0.23	-1.80	1.10	0.10	-0.25	1.66	0.31	-1.54	2.69
BQFQ6X	0.28	-1.34	0.52	0.24	-1.27	0.31	0.09	-1.23	0.73	0.33	-0.81	0.88
BXCPCC	0.24	-3.37X	0.00	0.17	-4.52X	0.03	0.14	4.88X	0.08	0.33	-0.95	0.33
EA8B4C	0.30	-0.78	0.07	0.25	-0.87	0.13	0.09	-1.19	0.29	0.33	-0.96	0.12
EB22AQ	0.31	-0.03	0.37	0.26	-0.30	0.37	0.11	1.81	1.66	0.38	1.12	1.02
G78LZA	0.34	1.13	0.31	0.29	1.11	0.58	0.11	0.90	0.29	0.39	1.33	2.06
GE2RRQ	0.30	-0.46	0.37	0.26	-0.30	0.37	0.09	-1.07	0.00	0.32	-1.03	0.59
GWF9YP	0.30	-0.60	0.00	0.26	-0.45	0.00	0.09	-1.07	0.00	0.34	-0.40	0.00
GZGCNQ	0.33	0.78	0.17	0.28	0.63	0.14	0.10	0.04	0.12	0.36	0.45	0.25
HLD6C8	0.31	-0.17	0.00	0.27	0.00	0.00	0.10	0.16	0.00	0.35	-0.02	1.02
LJW6PM	0.32	0.40	0.37	0.28	0.60	0.37	0.10	0.58	1.66	0.37	0.62	1.55
LR7U3L	0.30	-0.74	0.37	0.27	-0.15	0.37	0.10	0.16	0.00	0.36	0.23	0.59
LY9Q47	0.30	-0.74	0.37	0.25	-0.90		0.09	-1.07	0.00	0.34	-0.53	0.59



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
M2UUC4	0.32	0.14	0.35	0.27	0.19	0.25	0.10	0.01	0.35	0.34	-0.39	0.76
MJVU46	0.27	-1.77	1.41	0.29	1.06	0.19	0.10	0.21	2.18	0.32	-1.29	0.29
MRPXAM	0.33	0.72	0.18	0.29	0.68	0.03	0.10	0.74	0.38	0.36	0.44	0.26
NMQQKH	0.30	-0.73	0.70	0.25	-0.87	1.46	0.10	0.33	1.51	0.33	-0.62	1.56
NYYNB4	0.31	-0.29	0.07	0.26	-0.42	0.37	0.10	-0.45	0.00	0.34	-0.40	0.00
Q2EYXY	0.32	0.40	0.37	0.28	0.30	0.37	0.09	-1.07	0.00	0.35	0.11	0.59
Q7E99Z	0.34	1.26	0.37	0.29	0.90	0.00	0.11	1.40	0.00	0.35	-0.02	1.02
R9T6AV	0.31	-0.16	0.35	0.27	-0.07	0.21	0.09	-0.94	0.13	0.34	-0.31	0.41
RCWWKH	0.31	0.03	0.24	0.27	-0.19	0.15	0.10	0.12	0.44	0.36	0.18	0.29
RQB76X	0.30	-0.74	0.97	0.25	-0.75	0.73	0.09	-1.48	1.66	0.31	-1.42	1.17
RTJECX	0.35	1.55	0.44	0.32	2.06	0.06	0.11	1.28	0.33	0.38	1.21	0.67
T4LUYG	0.31	-0.04	0.06	0.26	-0.34	0.04	0.09	-1.52	1.01	0.35	-0.21	0.35
V4VKZW	0.31	-0.32	0.05	0.26	-0.27	0.12	0.09	-0.66	0.37	0.35	0.02	0.12
VDUKAU	0.30	-0.64	0.86	0.26	-0.55	0.70	0.09	-0.90	0.83	0.33	-0.65	1.53
WGA6XV	0.38	2.71X	0.21	0.31	1.84	0.16	0.13	3.43X	0.31	0.42	2.56X	0.23
YFTTBA	0.32	0.41	0.39	0.28	0.42	0.35	0.10	0.29	0.50	0.36	0.45	0.60
YMELLA	0.32	0.26	0.64	0.26	-0.30	0.97	0.10	-0.21	0.86	0.35	0.15	1.43
YY93BB	0.33	0.56	0.84	0.28	0.30	0.10	0.12	2.59X	2.31	0.36	0.34	0.23
ZDLVE8	0.30	-0.47	0.06	0.26	-0.43	0.24	0.09	-0.58	0.29	0.34	-0.32	0.10
ZYLZX8	0.29	-0.91	0.55	0.26	-0.26	0.87	0.09	-0.80	0.16	0.33	-0.79	0.60
P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.31			0.27			0.10			0.35		
Median Abs Dev	0.01			0.01			0.01			0.02		
Avg Within Lab SD	0.02			0.02			0.00			0.01		
Labs Included	44			45			42			44		
Labs Reporting	46			46			46			46		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	3.86	-3.40X	10.87	5.69	-3.24X	10.94	0.75	1.35	4.30	1.86	-2.91X	16.66
2PTAQ6	5.71	0.64	0.23	9.72	0.60	0.48	0.67	-0.10	0.59	2.68	0.50	1.31
3463VM	5.78	0.79	0.12	9.44	0.33	0.13	0.73	0.99	0.82	2.76	0.85	0.05
3DWDAP	5.50	0.18	0.71	9.29	0.19	0.43	0.64	-0.53	0.11	2.60	0.17	0.30
4NPE46	5.92	1.10	0.28	9.76	0.63	0.11	0.83	2.67X	0.27	3.00	1.83	0.52
6FBYQ2	5.46	0.09	1.46	8.64	-0.43	1.45	0.72	0.76	0.56	2.76	0.85	0.31
8AJAKH	5.75	0.73	0.64	9.34	0.23	0.32	0.75	1.38	0.50	2.82	1.08	1.23
8B9T92	5.64	0.49	0.43	9.71	0.59	0.79	0.81	2.35	2.88	3.00	1.84	1.80
8KFH2Y	5.77	0.77	0.25	9.20	0.10	0.25	0.72	0.87	0.69	2.72	0.69	0.33
9CJY3G	5.19	-0.49	0.30	4.13	-4.73X	0.61	0.70	0.53	0.41	2.54	-0.09	1.93
9N9W4E	5.57	0.33	0.67	9.42	0.31	0.10	0.66	-0.18	0.16	2.78	0.90	0.50
9R98ZE	5.59	0.38	0.51	9.66	0.53	1.11	0.64	-0.56	0.90	2.61	0.21	0.70
AGT9CY	5.11	-0.67	0.19	7.90	-1.14	0.25	0.62	-0.82	0.42	2.39	-0.69	0.61
BGNHEE	6.01	1.30	0.30	8.09	-0.95	1.34	0.74	1.21	0.42	2.52	-0.16	2.70
BQFQ6X	4.95	-1.02	0.89	8.06	-0.99	0.51	0.67	0.03	1.36	2.48	-0.31	1.37
BXCPCC	5.61	0.42	0.07	7.67	-1.36	0.02	0.69	0.25	0.02	3.06	2.07	0.88
EA8B4C	5.42	0.00	0.05	9.13	0.04	0.31	1.87	20.22X	0.71	6.33	15.74X	0.19
EB22AQ	5.88	1.02	0.11	9.24	0.14	0.03	0.60	-1.15	0.16	2.33	-0.95	0.32
G78LZA	4.03	-3.04X	16.02	9.77	0.64	0.95	0.67	-0.02	0.45	2.83	1.12	0.65
GE2RRQ	5.11	-0.67	1.50	8.43	-0.63	0.22	0.61	-1.10	0.16	2.30	-1.09	0.33
GWF9YP	5.32	-0.22	0.08	9.92	0.78	0.04	0.63	-0.76	0.16	2.54	-0.09	0.25
GZGCNQ	5.81	0.86	0.32	10.33	1.17	0.55	0.67	0.02	0.15	2.71	0.64	0.26
HLD6C8	4.84	-1.26	0.08	10.59	1.42	0.65	0.61	-0.98	0.16	2.39	-0.69	0.67
LJW6PM	4.90	-1.13	1.42	7.70	-1.33	4.75	0.62	-0.93	0.32	2.37	-0.80	0.93
LR7U3L	4.95	-1.03	0.55	8.57	-0.50	0.17	0.64	-0.53	0.00	2.45	-0.44	0.09
LY9Q47	5.39	-0.07	0.22	8.87	-0.22	0.14	0.69	0.25	0.64	2.58	0.09	0.83



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K (SubTestCode 213) in the Wet Digestion Property Groups												Data units: Percent		
SRB2505				SRB2506			SRB2507			SRB2508				
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		
M2UUC4	5.16	-0.57	0.45	8.61	-0.46	0.33	0.65	-0.43	0.31	2.44	-0.49	0.70		
MJVU46	4.95	-1.02	5.19	7.79	-1.24	0.69	0.67	-0.03	0.48	2.21	-1.45	0.80		
MRPXAM	5.49	0.15	0.48	9.25	0.15	0.80	0.67	0.03	1.31	2.56	0.02	1.71		
NMQQKH	4.86	-1.23	0.18	7.98	-1.07	1.16	0.64	-0.55	0.44	2.40	-0.67	1.46		
NYYNB4	5.96	1.19	0.37	9.94	0.80	0.36	0.73	0.93	0.32	2.81	1.03	0.09		
Q2EYXY	5.46	0.09	0.05	8.85	-0.23	0.03	0.72	0.87	0.16	2.51	-0.20	0.16		
Q7E99Z	5.20	-0.48	0.37	8.45	-0.61	0.18	0.61	-0.98	0.32	2.46	-0.41	0.42		
R9T6AV	4.57	-1.85	0.25	7.17	-1.83	0.19	0.60	-1.15	0.23	2.26	-1.25	0.52		
RCWWKH	5.42	0.00	0.36	9.24	0.14	0.55	0.69	0.25	0.32	2.69	0.55	0.48		
RQB76X	5.22	-0.43	0.79	9.29	0.19	1.90	0.68	0.20	0.42	2.42	-0.59	0.82		
RTJECX	5.72	0.66	0.49	10.23	1.08	1.41	0.69	0.23	0.77	2.41	-0.62	0.31		
T4LUYG	5.69	0.59	0.09	9.25	0.15	0.03	0.64	-0.46	0.44	2.70	0.60	0.11		
V4VKZW	5.29	-0.27	0.04	9.06	-0.04	0.02	0.64	-0.46	0.09	2.56	-0.01	0.04		
VDUKAU	5.28	-0.31	1.40	8.30	-0.76	0.88	0.78	1.79	2.12	2.54	-0.08	1.89		
WGA6XV	6.19	1.70	0.52	11.00	1.82	0.10	0.77	1.71	0.07	2.95	1.63	0.24		
YFTTBA	5.36	-0.12	0.27	8.62	-0.46	0.26	0.68	0.17	0.48	2.59	0.13	0.91		
YMELLA	5.44	0.04	1.24	8.93	-0.15	1.50	0.71	0.66	1.51	2.63	0.30	2.47		
YY93BB	4.37	-2.29	0.64	6.79	-2.19	0.72	0.64	-0.57	0.68	2.32	-1.01	0.28		
ZDLVE8	5.32	-0.21	0.80	8.65	-0.43	0.27	0.65	-0.33	0.23	2.56	0.01	0.42		
ZYLZX8	5.05	-0.81	0.71	8.43	-0.63	0.71	0.66	-0.26	0.21	2.45	-0.46	0.93		
K (SubTestCode 213) in the Wet Digestion Property Groups														Data units: Percent
SRB2505				SRB2506			SRB2507			SRB2508				
Grand Median		5.42		9.10		0.67		2.56						
Median Abs Dev		0.28		0.62		0.03		0.15						
Avg Within Lab SD		0.19		0.40		0.04		0.06						
Labs Included		44		44		44		44						
Labs Reporting		46		46		46		46						



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	1.20	-3.13X	16.60	1.28	-3.57X	13.05	1.35	-3.06X	16.66	0.63	-1.52	5.54
2PTAQ6	1.64	0.39	0.71	1.78	0.24	0.57	1.87	0.64	0.57	0.74	0.22	0.51
3463VM	1.53	-0.47	0.27	1.67	-0.56	0.22	1.68	-0.67	0.52	0.70	-0.37	0.08
3DWDAP	1.72	1.03	1.06	1.87	0.93	0.71	1.84	0.43	0.10	0.77	0.70	0.03
4NPE46	1.78	1.54	0.58	1.90	1.16	0.40	2.04	1.93	0.31	0.84	1.92	0.44
6FBYQ2	1.68	0.68	0.51	1.83	0.59	0.66	1.88	0.76	0.95	0.77	0.78	0.21
8AJAKH	1.76	1.32	1.71	1.86	0.84	0.88	2.04	1.93	1.15	0.80	1.30	0.82
8B9T92	1.55	-0.34	1.01	1.75	0.03	1.69	1.90	0.87	0.95	0.79	1.07	1.05
9CJY3G	1.59	-0.02	1.40	1.76	0.06	0.68	1.80	0.19	0.62	0.75	0.50	0.64
9N9W4E	1.74	1.23	0.68	1.93	1.37	0.08	1.92	1.04	0.20	0.79	1.03	0.26
9R98ZE	1.66	0.52	0.65	1.92	1.32	1.29	1.76	-0.12	1.46	0.73	0.19	0.55
AGT9CY	1.49	-0.80	0.43	1.61	-1.07	0.29	1.65	-0.94	0.31	0.68	-0.68	0.29
BGNHEE	1.82	1.80	0.70	1.61	-1.02	3.13	2.12	2.46	1.11	0.66	-0.94	1.37
BQFQ6X	1.50	-0.72	0.43	1.66	-0.67	1.08	1.75	-0.17	1.43	0.74	0.22	1.02
BXCPCC	1.48	-0.91	0.22	1.36	-2.95X	0.34	1.64	-0.96	0.60	0.72	0.00	0.30
EA8B4C	1.57	-0.22	0.16	1.71	-0.28	0.17	1.69	-0.61	0.02	1.75	16.33X	0.35
EB22AQ	1.59	0.01	0.58	1.66	-0.65	0.22	1.78	0.02	0.53	0.66	-0.94	0.17
G78LZA	1.55	-0.32	1.59	1.77	0.16	0.51	1.71	-0.51	0.65	0.68	-0.66	0.44
GE2RRQ	1.53	-0.51	0.84	1.66	-0.67	0.39	1.65	-0.94	0.62	0.67	-0.78	0.34
GWF9YP	1.53	-0.48	0.16	1.69	-0.42	0.11	1.73	-0.35	0.15	0.67	-0.84	0.29
GZGCNQ	1.71	0.91	0.36	1.84	0.69	0.50	1.83	0.41	0.46	0.75	0.40	0.17
HLD6C8	1.68	0.73	0.32	1.82	0.51	0.29	1.90	0.87	0.23	0.78	0.96	0.44
LJW6PM	1.57	-0.21	1.61	1.73	-0.12	1.11	1.77	-0.07	2.33	0.73	0.06	0.84
LR7U3L	1.43	-1.34	0.70	1.59	-1.20	0.19	1.72	-0.43	0.23	0.70	-0.41	0.17
LY9Q47	1.55	-0.32	0.85	1.68	-0.55	0.29	1.77	-0.02	1.31	0.71	-0.15	0.60
M2UUC4	1.52	-0.60	0.82	1.66	-0.70	0.48	1.72	-0.42	0.26	0.68	-0.65	0.53



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MJVU46	1.41	-1.50	2.81	1.60	-1.15	0.91	1.73	-0.36	0.62	0.68	-0.75	0.22
MRPXAM	1.79	1.62	0.54	1.93	1.33	0.18	2.02	1.74	0.67	0.78	0.86	0.22
NMQQKH	1.41	-1.44	1.90	1.53	-1.64	2.94	1.66	-0.81	1.77	0.68	-0.71	0.84
NYYNB4	1.84	2.02	0.58	2.02	2.04	0.37	2.04	1.90	0.87	0.83	1.69	0.00
Q2EYXY	1.64	0.41	0.16	1.83	0.61	0.19	1.82	0.29	0.12	0.70	-0.36	0.29
Q7E99Z	1.60	0.09	1.29	1.95	1.49	0.49	1.90	0.89	0.40	0.80	1.23	0.29
R9T6AV	1.53	-0.47	0.54	1.71	-0.31	0.50	1.67	-0.75	0.88	0.68	-0.62	0.41
RQB76X	1.61	0.17	1.64	1.78	0.23	0.70	1.76	-0.10	2.07	0.72	0.01	0.44
RTJECX	1.65	0.45	0.73	1.75	-0.01	0.11	1.75	-0.20	2.13	0.68	-0.70	0.89
T4LUYG	1.62	0.20	0.18	1.73	-0.12	0.10	1.66	-0.83	0.43	0.72	0.00	0.12
V4VKZW	1.59	-0.01	0.14	1.75	0.01	0.62	1.81	0.23	0.31	0.71	-0.23	0.38
VDUKAU	1.56	-0.26	1.48	1.70	-0.37	1.68	1.76	-0.14	1.22	0.71	-0.23	0.86
WGA6XV	1.93	2.70X	1.28	2.01	1.99	0.48	2.20	3.06X	0.27	0.86	2.23	0.17
YFTTBA	1.59	-0.06	1.14	1.74	-0.10	0.72	1.81	0.23	0.36	0.71	-0.17	0.73
YMELLA	1.66	0.54	1.12	1.79	0.31	2.28	1.89	0.84	2.22	0.77	0.80	0.73
YY93BB	1.69	0.75	0.66	1.76	0.05	0.25	1.90	0.90	0.57	0.73	0.06	0.19
ZDLVE8	1.59	0.01	0.32	1.73	-0.17	0.49	1.81	0.27	0.12	0.74	0.31	0.12
ZYLZX8	1.48	-0.94	0.97	1.67	-0.58	1.08	1.77	-0.08	1.23	0.68	-0.74	0.21
Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	1.59			1.75			1.78			0.72		
Median Abs Dev	0.06			0.08			0.08			0.04		
Avg Within Lab SD	0.04			0.05			0.05			0.03		
Labs Included	42			42			42			43		
Labs Reporting	44			44			44			44		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	0.29	0.41	3.65	0.69	-2.87X	8.97	0.24	-0.42	4.04	0.30	-2.17	5.62
2PTAQ6	0.28	0.13	0.04	0.98	0.33	0.40	0.25	0.29	0.66	0.37	0.07	0.11
3463VM	0.26	-0.94	0.13	0.88	-0.75	0.10	0.23	-0.63	0.28	0.34	-0.67	0.02
3DWDAP	0.29	0.40	0.43	0.98	0.36	0.52	0.25	0.03	0.10	0.38	0.55	0.08
4NPE46	0.27	-0.36	0.00	1.01	0.72	0.75	0.28	1.61	0.00	0.41	1.68	0.31
6FBYQ2	0.30	1.14	0.15	0.96	0.17	0.48	0.27	1.35	0.65	0.39	0.96	0.20
8AJAKH	0.30	1.11	0.46	1.02	0.78	0.86	0.28	1.41	0.88	0.41	1.55	0.85
8B9T92	0.28	-0.09	0.42	1.01	0.72	1.28	0.28	1.59	0.94	0.42	2.01	0.45
9CJY3G	0.28	0.00	1.11	0.95	0.06	1.00	0.26	0.60	1.02	0.39	0.74	0.71
9N9W4E	0.28	0.13	0.29	0.97	0.20	0.05	0.25	0.11	0.12	0.37	0.25	0.22
9R98ZE	0.29	0.51	0.16	1.00	0.60	1.40	0.24	-0.06	1.14	0.37	0.07	0.25
AGT9CY	0.26	-0.84	0.76	0.78	-1.89	0.46	0.23	-0.64	0.97	0.33	-1.12	0.54
BGNHEE	0.30	1.06	0.00	0.85	-1.11	1.89	0.28	1.76	1.12	0.35	-0.45	1.44
BQFQ6X	0.27	-0.52	0.88	0.88	-0.71	0.75	0.24	-0.19	0.97	0.36	0.00	0.83
BXCPCC	0.20	-3.62X	0.18	0.50	-4.93X	0.05	0.34	4.22X	0.14	0.35	-0.54	0.10
EA8B4C	0.25	-1.26	0.00	0.18	-8.42X	0.08	0.23	-0.73	0.10	0.34	-0.74	0.03
EB22AQ	0.29	0.43	0.44	0.88	-0.75	0.30	0.25	0.11	0.56	0.37	0.11	0.31
G78LZA	0.27	-0.52	0.27	0.85	-1.05	0.89	0.23	-0.81	0.90	0.35	-0.31	0.73
GE2RRQ	0.25	-1.31		0.88	-0.78	0.46	0.22	-1.09	0.00	0.33	-1.23	0.31
GWF9YP	0.27	-0.19	0.12	0.93	-0.21	0.08	0.24	-0.09	0.20	0.36	-0.18	0.14
GZGCNQ	0.28	0.14	0.11	0.96	0.11	0.25	0.24	0.00	0.24	0.37	0.11	0.13
HLD6C8	0.29	0.58	0.00	1.12	1.94	0.62	0.26	0.86	0.56	0.39	1.01	0.31
LJW6PM	0.25	-1.15	0.44	0.83	-1.26	0.62	0.23	-0.64	0.97	0.34	-0.67	0.63
LR7U3L	0.23	-2.26	0.00	0.83	-1.26	0.17	0.22	-1.09	0.00	0.34	-0.89	0.31
LY9Q47	0.26	-0.84	0.76	0.87	-0.86	0.30	0.24	-0.34	0.56	0.35	-0.45	0.54
M2UUC4	0.26	-0.95	0.26	0.89	-0.63	0.28	0.23	-0.44	0.16	0.34	-0.92	0.43



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MJVU46	0.28	-0.05	4.35	0.95	-0.01	3.78	0.23	-0.64	1.68	0.34	-0.67	0.31
MRPXAM	0.28	0.13	1.07	0.99	0.43	1.16	0.25	0.46	2.04	0.37	0.36	1.35
NMQQKH	0.25	-1.36	0.51	0.84	-1.23	2.10	0.24	-0.39	0.82	0.33	-1.07	0.74
NYYNB4	0.33	2.31	0.31	1.10	1.64	0.46	0.29	2.12	0.56	0.42	1.98	0.06
Q2EYXY	0.26	-0.84	0.00	0.96	0.10	0.06	0.24	-0.28	0.19	0.34	-0.67	0.31
Q7E99Z	0.28	0.27	0.44	0.97	0.21	0.46	0.24	-0.34	0.56	0.36	-0.22	0.63
R9T6AV	0.27	-0.37	0.41	0.90	-0.56	0.39	0.24	-0.22	0.67	0.35	-0.48	0.47
RQB76X	0.29	0.58	0.76	0.97	0.25	0.52	0.26	0.86	1.12	0.37	0.22	0.54
RTJECX	0.28	0.32	0.11	1.04	1.03	1.77	0.26	0.60	1.56	0.38	0.62	0.38
T4LUYG	0.28	-0.08	0.08	0.90	-0.49	0.02	0.23	-0.73	0.19	0.37	0.08	0.21
V4VKZW	0.26	-0.71	0.14	0.93	-0.18	0.02	0.24	-0.06	0.02	0.36	-0.17	0.02
VDUKAU	0.26	-0.89	0.40	0.88	-0.77	1.01	0.23	-0.55	0.42	0.35	-0.52	0.56
WGA6XV	0.32	1.85	0.28	1.16	2.29	0.80	0.29	2.13	0.38	0.41	1.69	0.09
YFTTBA	0.27	-0.25	0.42	0.95	0.00	0.31	0.25	0.27	0.56	0.36	0.00	0.68
YMELLA	0.30	1.22	1.17	0.96	0.14	1.19	0.27	1.31	1.48	0.40	1.23	1.09
YY93BB	0.28	0.33	0.38	0.96	0.14	0.16	0.25	0.45	0.46	0.36	0.04	0.19
ZDLVE8	0.28	0.03	0.18	0.87	-0.83	0.21	0.25	0.39	0.26	0.37	0.15	0.11
ZYLZX8	0.28	0.14	0.95	0.94	-0.10	0.82	0.25	0.30	0.33	0.36	-0.07	0.26

Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.28			0.95			0.24			0.36		
Median Abs Dev	0.01			0.06			0.01			0.02		
Avg Within Lab SD	0.01			0.03			0.01			0.02		
Labs Included	43			41			43			44		
Labs Reporting	44			44			44			44		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	0.63	0.70	1.79	0.24	0.85	2.74	0.15	1.39	1.89	0.27	1.02	3.66
2PTAQ6	0.62	0.44	0.26	0.22	0.13	0.48	0.14	0.37	0.51	0.27	0.73	1.71
3463VM	0.53	-1.35	0.26	0.21	-0.63	0.16	0.13	-0.26	0.38	0.24	-0.60	0.38
3DWDAP	0.60	0.09	0.68	0.22	-0.11	0.41	0.13	-0.53	0.06	0.25	-0.06	0.13
4NPE46	0.65	1.18	0.26	0.24	0.94	0.67	0.15	1.05	0.00	0.29	1.85	0.00
6FBYQ2	0.63	0.63	0.23	0.23	0.57	0.48	0.15	0.79	0.46	0.27	0.66	0.13
8AJAKH	0.61	0.33	2.04	0.22	-0.16	1.45	0.13	-0.31	0.83	0.25	0.06	1.58
8B9T92	0.59	-0.18	0.57	0.22	0.00	0.98	0.12	-0.94	0.36	0.26	0.22	0.59
8KFH2Y	0.59	-0.15	0.26	0.21	-0.51	0.00	0.13	-0.40	0.00	0.25	-0.09	
9CJY3G	0.62	0.59	0.43	0.23	0.67	0.52	0.15	0.71	0.46	0.27	0.99	0.58
9N9W4E	0.63	0.69	0.34	0.23	0.84	0.08	0.14	0.04	0.16	0.27	0.64	0.40
9R98ZE	0.66	1.24	0.29	0.26	2.25	0.78	0.14	0.37	0.83	0.28	1.30	0.80
AGT9CY	0.56	-0.69	0.45	0.21	-0.69	1.78	0.14	0.57	1.56	0.24	-0.57	1.14
BGNHEE	0.17	-8.48X	0.00	0.12	-5.59X	1.34	0.05	-6.22X	0.00	0.16	-4.28X	1.32
BQFQ6X	0.57	-0.49	0.45	0.21	-0.69	0.67	0.13	-0.16	1.18	0.25	0.07	1.32
BXCPCC	0.64	1.00	0.22	0.13	-4.95X	0.05	0.17	2.72	0.07	0.33	3.78X	0.07
EA8B4C	0.59	0.00	0.15	0.21	-0.40	0.20	0.13	-0.57	0.16	0.25	-0.07	0.13
EB22AQ	0.50	-1.82	0.69	0.21	-0.51	1.16	0.16	1.78	1.02	0.23	-0.89	0.66
GE2RRQ	0.60	0.18	0.26	0.22	0.04	0.00	0.12	-0.89	0.59	0.24	-0.41	0.66
GWF9YP	0.55	-0.82	0.26	0.21	-0.51	0.00	0.14	0.32	0.00	0.24	-0.57	0.00
GZGCNQ	0.66	1.25	0.24	0.23	0.49	0.17	0.13	-0.04	0.16	0.27	0.70	0.29
HLD6C8	0.61	0.31	0.00	0.22	0.04	0.00	0.13	-0.40	0.00	0.26	0.39	1.14
LR7U3L	0.57	-0.49	0.00	0.22	0.04	0.00	0.14	0.32	0.00	0.26	0.39	0.00
LY9Q47	0.58	-0.29	0.45	0.21	-0.69	0.67	0.13	-0.40	0.00	0.25	0.07	0.66
M2UUC4	0.57	-0.51	0.37	0.21	-0.76	0.36	0.13	-0.65	0.10	0.23	-0.87	0.64
MJVU46	0.58	-0.29	4.76	0.22	0.04	3.08	0.15	1.29	5.04	0.24	-0.73	0.66



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MRPXAM	0.56	-0.61	0.17	0.22	0.09	0.16	0.15	1.39	0.09	0.23	-0.90	0.13
NMQQKH	0.56	-0.73	0.86	0.21	-0.78	2.04	0.13	-0.25	0.47	0.24	-0.34	1.26
NYYNB4	0.64	1.01	0.29	0.25	1.47	0.74	0.16	1.61	0.12	0.27	1.06	0.07
Q2EYXY	0.58	-0.29	0.45	0.22	0.00	0.18	0.13	-0.57	0.16	0.24	-0.57	1.14
Q7E99Z	0.57	-0.42	0.26	0.20	-0.87	0.67	0.12	-0.89	0.59	0.23	-0.89	0.66
R9T6AV	0.60	0.12	0.49	0.23	0.35	1.03	0.14	0.44	0.07	0.26	0.32	0.89
RQB76X	0.58	-0.35	1.59	0.22	-0.15	0.67	0.13	-0.16	1.18	0.23	-0.89	1.32
RTJECX	0.72	2.60X	1.34	0.26	2.33	1.83	0.16	1.55	0.14	0.31	2.65X	1.11
T4LUYG	0.62	0.47	0.05	0.23	0.44	0.07	0.14	0.13	0.26	0.26	0.48	0.35
V4VKZW	0.53	-1.32	0.22	0.20	-1.26	0.07	0.13	-0.46	0.10	0.23	-1.24	0.37
VDUKAU	0.59	-0.13	0.93	0.21	-0.45	0.65	0.12	-0.79	0.33	0.25	-0.17	1.04
WGA6XV	0.71	2.36	0.35	0.26	2.44	0.80	0.18	3.39X	0.24	0.30	2.47	0.56
YFTTBA	0.63	0.67	0.37	0.23	0.45	0.67	0.14	0.32	0.00	0.27	0.83	0.57
YMELLA	0.63	0.65	1.59	0.20	-0.98	0.27	0.14	0.23	1.05	0.24	-0.57	1.98
YY93BB	0.62	0.60	0.59	0.25	1.45	0.12	0.18	3.50X	1.15	0.26	0.46	0.07
ZDLVE8	0.57	-0.57	0.07	0.21	-0.56	0.23	0.13	-0.65	0.06	0.24	-0.36	0.17
ZYLZX8	0.51	-1.67	0.31	0.20	-1.04	1.27	0.13	-0.25	0.19	0.22	-1.44	0.21

S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.59			0.22			0.14			0.25		
Median Abs Dev	0.03			0.01			0.01			0.01		
Avg Within Lab SD	0.02			0.01			0.01			0.01		
Labs Included	41			41			40			40		
Labs Reporting	43			43			43			43		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	0.28	-3.20X	11.48	0.10	-1.79	4.46	0.06	-1.66	4.43	0.02	1.43	1.70
3DWDAP	0.49	1.42	0.58	0.16	1.89	0.40	0.09	0.64	0.06	0.01	-0.09	0.39
4NPE46	0.45	0.66	0.33	0.14	0.71	0.00	0.10	1.17	0.00	0.01	-0.27	0.00
6FBYQ2	0.44	0.29	0.13	0.14	0.46	0.32	0.10	1.08	0.21	0.02	3.01	0.63
8AJAKH	0.46	0.92	0.79	0.14	0.65	0.36	0.10	0.93	0.37	0.02	1.07	0.55
8B9T92	0.42	-0.20	0.64	0.14	0.65	0.41	0.09	0.73	0.21	0.02	2.68	4.11
9CJY3G	0.22	-4.68X	0.98	0.07	-3.46X	0.44	0.05	-2.49	0.31	0.01	0.18	0.39
9N9W4E	0.37	-1.17	0.30	0.10	-1.94	0.01	0.08	-0.32	0.04	0.01	0.10	0.07
9R98ZE	0.44	0.34	0.46	0.14	0.65	0.41	0.08	-0.07	0.41	0.01	-0.22	0.13
AGT9CY	0.39	-0.77	0.58	0.12	-0.55	0.89	0.07	-0.76	0.32	0.01	-0.22	0.52
BGNHEE	0.46	0.74	0.33	0.11	-0.97	0.51	0.10	0.93	0.60	0.01	-0.27	0.00
BQFQ6X	0.38	-0.93	0.44	0.12	-0.61	0.15	0.08	-0.17	0.16	0.01	0.98	0.78
BXCPC	0.31	-2.51	0.11				0.19	7.72X	0.25	0.02	1.22	0.10
EA8B4C	0.39	-0.73	0.07	0.11	-1.46	0.10	0.06	-1.64	0.06	0.02	1.61	0.00
G78LZA	0.43	0.09	0.17	0.13	-0.07	0.22	0.08	-0.35	0.28	0.01	-0.08	0.49
GWF9YP	0.41	-0.32	0.00	0.12	-0.55	0.00	0.08	-0.29	0.00	0.01	-0.27	0.00
GZGCNQ	0.46	0.80	0.35	0.13	0.31	0.15	0.09	0.07	0.04	0.01	0.14	0.08
HLD6C8	0.31	-2.50	0.33	0.11	-0.97	0.51	0.06	-1.76	0.00	0.01	-0.27	0.00
LR7U3L	0.41	-0.43	0.21	0.16	1.72	0.15	0.09	0.54	0.16	0.02	2.86	0.39
LY9Q47	0.41	-0.32	0.58	0.13	0.08	0.00	0.09	0.20	0.60	0.01	-0.27	0.00
M2UUC4	0.40	-0.54	0.44	0.12	-0.33	0.19	0.08	0.04	0.07	0.02	1.23	0.43
MJVU46	0.43	0.14	4.94	0.14	0.92	2.72	0.11	2.23	3.49	0.03	4.47X	3.40
MRPXAM	0.43	0.16	0.09	0.13	0.32	0.23	0.09	0.33	0.21	0.02	1.88	0.04
NMQQKH	0.38	-1.07	0.30	0.11	-0.88	0.77	0.08	-0.41	0.21	0.01	-0.32	0.54
Q2EYXY	0.43	0.14	0.58	0.13	0.08	0.00	0.08	-0.29	0.00	36.18	701.18X	185.85
Q7E99Z	0.44	0.44	0.33	0.14	0.50	0.51	0.09	0.44	0.00	0.01	-0.27	0.00



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent			
SRB2505				SRB2506			SRB2507			SRB2508					
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			
R9T6AV	0.40	-0.46	0.14	0.13	-0.15	0.19	0.08	-0.53	0.19	0.01	-0.29	0.27			
RQB76X	0.40	-0.47	0.88	0.12	-0.55	0.00	0.08	-0.29	0.00	0.01	-0.27	0.00			
RTJECX	0.46	0.91	0.19	0.14	0.59	0.68	0.09	0.45	0.31	0.01	0.16	0.88			
T4LUYG	0.42	0.00	0.06	0.12	-0.36	0.00	0.08	-0.54	0.22	0.01	0.00	0.00			
V4VKZW	0.44	0.30	0.44	0.13	0.00	0.02	0.09	0.13	0.01	0.01	-0.60	0.28			
VDUKAU	0.45	0.54	1.80	0.14	0.95	1.45	0.08	-0.46	0.06	0.01	0.00	0.67			
WGA6XV	0.47	1.04	0.38	0.14	0.42	0.20	0.10	0.94	0.10	0.01	0.27	0.43			
YFTTBA	0.42	-0.16	0.35	0.13	0.05	0.35	0.08	0.00	0.24	0.01	0.13	0.58			
YMELLA	0.44	0.44	1.45	0.13	-0.13	1.36	0.09	0.20	1.20	0.01	0.00	3.09			
YY93BB	0.37	-1.31	0.40	0.11	-1.16	0.10	0.08	-0.51	0.10	0.01	-0.27	0.00			
ZDLVE8	0.41	-0.35	0.07	0.13	-0.17	0.09									
Na (SubTestCode 217) in the Wet Digestion Property Groups														Data units: Percent	
SRB2505				SRB2506			SRB2507			SRB2508					
Grand Median		0.42		0.13		0.084		0.011							
Median Abs Dev		0.02		0.01		0.006		0.001							
Avg Within Lab SD		0.02		0.01		0.010		0.001							
Labs Included		35		35		35		34							
Labs Reporting		37		36		36		36							



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3463VM	143.8	-0.04	0.81	85.2	0.24	1.02	288.4	0.02	0.57	247.0	0.00	0.93
3DWDAP	192.3	0.75	1.43	100.4	0.78	0.58	322.4	0.34	0.07	308.7	0.75	0.13
4NPE46	96.0	-0.81	0.12	58.3	-0.73	0.19	181.3	-0.98	0.07	216.0	-0.38	0.32
6FBYQ2	208.6	1.01	1.30	92.7	0.50	0.78	426.4	1.31	0.42	342.4	1.16	0.41
8B9T92	71.4	-1.21	0.32	47.4	-1.13	0.48	168.1	-1.10	0.13	156.0	-1.11	0.09
9CJY3G	136.0	-0.16	0.43	77.8	-0.03	0.80	292.3	0.06	0.42	249.6	0.03	1.06
9N9W4E	234.8	1.44	0.59	115.6	1.33	0.12	453.2	1.56	1.04	372.1	1.52	1.20
9R98ZE	146.0	0.00	0.12	81.6	0.10	0.32	269.3	-0.16	0.42	241.3	-0.07	0.63
BGNHEE	97.9	-0.78	0.08	51.7	-0.98	0.50	203.7	-0.77	0.18	157.3	-1.09	0.86
BQFQ6X	105.4	-0.66	0.75	63.1	-0.56	0.71	207.8	-0.73	0.38	183.4	-0.77	1.53
BXCPCC	660.5	8.34X	0.04	507.1	15.46X	0.12	1,006.0	6.72X	0.03	688.5	5.37X	0.24
G78LZA	224.7	1.28	0.35	113.3	1.25	0.60	437.7	1.41	0.10	384.7	1.67	1.66
GWF9YP	108.0	-0.62	0.12	63.0	-0.57	0.13	209.0	-0.72	0.03	198.7	-0.59	0.05
GZGCNQ	120.6	-0.41	0.60	69.2	-0.34	0.07	260.5	-0.24	0.11	222.8	-0.29	0.42
LR7U3L	158.0	0.19		23.0	-2.01	0.38	360.3	0.69	0.07	283.3	0.44	0.13
LY9Q47	274.1	2.08	3.12	160.6	2.96X	1.29	473.8	1.75	4.11	378.4	1.60	2.28
M2UUC4	78.7	-1.09	0.81	45.0	-1.21	0.06	171.5	-1.07	0.07	171.3	-0.92	0.93
MRPXAM	206.0	0.97	0.07	101.0	0.81	0.08	382.8	0.90	0.12	326.2	0.96	0.51
Q2EYXY	168.0	0.36	0.12	79.6	0.03	0.07	412.4	1.18	0.02	290.3	0.53	0.06
Q7E99Z	118.7	-0.44	0.28	68.0	-0.39		219.7	-0.62	0.12	204.0	-0.52	0.32
R9T6AV	115.6	-0.49	0.18	67.5	-0.40	0.37	224.3	-0.58	0.47	206.2	-0.50	0.14
RQB76X	158.1	0.20	2.29	94.1	0.56	4.26	283.6	-0.02	2.31	211.4	-0.43	2.75
T4LUYG	183.6	0.61	0.48	84.1	0.20	0.16	305.0	0.18	0.58	300.6	0.65	0.32
V4VKZW	113.3	-0.53	0.52	49.6	-1.05	0.25	262.0	-0.22	0.08	219.5	-0.33	0.02
YFTTBA	151.2	0.08	0.58	81.2	0.09	0.51	286.1	0.00	0.07	249.2	0.03	0.67
YY93BB	186.2	0.65	1.14	103.4	0.89	0.15	313.4	0.25	0.14	289.6	0.52	0.58



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Al (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	146.0	78.7	286.1	247.0	
Median Abs Dev	38.0	15.6	74.2	43.3	
Avg Within Lab SD	8.2	7.9	31.1	11.4	
Labs Included	25	24	25	25	
Labs Reporting	26	26	26	26	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	44.3	0.48	0.57	30.1	0.43	2.13	76.3	0.80	2.41	24.2	1.01	3.50
2PTAQ6	44.0	0.40	0.64	29.1	0.02	0.87	73.3	0.38	0.50	21.5	-0.08	0.38
3463VM	42.8	0.12	0.19	29.4	0.15	0.18	67.9	-0.39	0.62	21.6	-0.04	0.25
3DWDAP	45.5	0.75	0.44	31.2	0.85	0.07	72.7	0.29	0.13	21.8	0.03	0.16
4NPE46	51.7	2.12	0.41	33.3	1.69	0.76	87.3	2.36	0.54	26.3	1.84	0.46
6FBYQ2	42.2	-0.01	0.78	28.3	-0.26	0.28	67.2	-0.48	0.60	22.2	0.20	0.91
8AJAKH	47.7	1.23	2.15	31.0	0.76	0.74	81.1	1.49	1.25	22.7	0.39	0.65
8B9T92	40.9	-0.30	0.34	29.3	0.13	0.53	72.4	0.25	0.81	22.9	0.49	0.48
9CJY3G	42.0	-0.05	0.95	30.4	0.56	0.79	68.7	-0.26	0.29	25.0	1.32	0.76
9N9W4E	44.7	0.56	0.46	30.5	0.60	0.07	72.3	0.25	0.31	22.3	0.26	0.19
9R98ZE	47.7	1.22	0.71	34.0	1.96	0.91	74.2	0.51	1.32	24.0	0.92	0.64
AGT9CY	40.9	-0.29	0.11	28.1	-0.36	0.17	63.3	-1.03	0.17	19.6	-0.83	0.46
BGNHEE	47.1	1.09	0.40	26.0	-1.18	1.40	81.9	1.60	1.35	19.8	-0.73	0.96
BQFQ6X	42.0	-0.05	0.11	29.0	-0.02	1.04	70.8	0.03	1.60	23.9	0.89	2.72
EB22AQ	43.5	0.28	0.08	28.1	-0.35	0.07	73.0	0.34	0.47	22.9	0.49	0.08
G78LZA	37.8	-0.98	0.45	25.9	-1.19	0.76	57.1	-1.90	0.92	20.0	-0.66	0.97
GE2RRQ	40.5	-0.38	0.65	28.2	-0.30	0.20	63.7	-0.97	0.37	20.2	-0.57	0.23
GWF9YP	40.0	-0.50		28.0	-0.39		66.3	-0.60	0.27	20.0	-0.66	
GZGCNQ	45.2	0.67	0.47	30.0	0.41	0.13	72.0	0.19	0.67	20.9	-0.32	0.19
HLD6C8	37.7	-1.01	0.12	25.8	-1.23	0.12	64.1	-0.92	0.79	18.7	-1.18	0.22
LR7U3L	36.7	-1.24	0.41	25.0	-1.56		64.3	-0.88	0.27	20.0	-0.66	
LY9Q47	41.0	-0.26	0.92	27.3	-0.66	0.48	67.8	-0.40	0.52	21.7	0.01	0.76
M2UUC4	41.4	-0.18	0.40	27.9	-0.45	0.15	68.9	-0.23	0.71	20.2	-0.57	0.48
MJVU46	34.4	-1.75	3.33	27.1	-0.74	0.77	62.1	-1.20	0.55	19.6	-0.82	0.11
MRPXAM	46.3	0.92	0.28	29.6	0.23	0.23	78.7	1.15	0.84	23.0	0.52	0.43
NYYNB4	42.3	0.01	0.20	29.0	0.00	0.34	70.1	-0.06	0.35	21.5	-0.07	0.14



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Q2EYXY	40.4	-0.41	0.71	27.0	-0.76	0.04	68.2	-0.33	0.07	20.5	-0.48	0.20
Q7E99Z	47.3	1.15	0.81	29.3	0.13	3.38	72.7	0.29	2.84	22.7	0.39	1.67
R9T6AV	42.8	0.14	1.36	29.1	0.04	1.05	69.2	-0.20	1.87	21.0	-0.25	0.76
RQB76X	41.4	-0.17	0.78	27.4	-0.62	0.54	66.3	-0.61	1.51	19.4	-0.90	0.37
RTJECX	49.0	1.52	0.65	37.7	3.38X	0.60	80.2	1.35	0.64	25.7	1.59	0.21
T4LUYG	50.8	1.94	1.26	31.2	0.87	0.40	71.0	0.06	0.05	24.5	1.12	0.68
V4VKZW	41.9	-0.07	0.05	28.8	-0.07	0.15	70.4	-0.03	0.16	21.6	-0.01	0.00
VDUKAU	38.2	-0.90	1.21	26.0	-1.15	0.85	58.1	-1.76	1.10	19.1	-1.02	0.69
WGA6XV	41.6	-0.14	1.14	25.8	-1.24	1.28	74.2	0.50	0.12	18.5	-1.26	0.89
YFTTBA	43.1	0.20	0.22	29.8	0.33	0.23	70.8	0.03	0.12	22.2	0.20	0.18
YMELLA	46.5	0.97	1.76	31.5	0.96	1.35	76.6	0.84	1.73	24.2	1.01	0.86
YY93BB	37.1	-1.15	0.46	23.9	-1.98	0.09	60.7	-1.39	0.21	18.5	-1.26	0.15
ZDLVE8	45.9	0.82	2.35	32.7	1.44	2.49	73.6	0.42	0.93	25.0	1.33	2.37
ZYLZX8	39.8	-0.55	0.46	29.6	0.23	0.74	69.2	-0.20	0.77	23.2	0.59	0.66

B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg
SRB2505			SRB2506			SRB2507			SRB2508			
Grand Median	42.2		29.0			70.6			21.7			
Median Abs Dev	2.3		1.4			3.2			1.6			
Avg Within Lab SD	1.4		1.5			2.1			1.2			
Labs Included	40		39			40			40			
Labs Reporting	40		40			40			40			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	36.8	-0.41	2.75	28.7	-0.02	1.13	17.9	0.67	1.33	34.3	0.27	0.54
2PTAQ6	41.1	1.09	0.28	31.1	0.92	0.80	17.1	0.33	0.60	36.2	1.09	1.68
3463VM	40.8	0.96	2.64	28.8	0.01	0.48	16.3	0.00	0.23	36.1	1.04	2.18
3DWDAP	39.1	0.39	0.74	30.0	0.51	0.14	15.5	-0.33	0.18	33.7	0.00	0.03
4NPE46	39.3	0.47	0.41	29.7	0.35	0.37	18.7	0.98	0.63	37.0	1.42	0.95
6FBYQ2	35.9	-0.75	0.50	25.8	-1.21	0.24	13.6	-1.15	0.31	32.0	-0.70	0.13
8AJAKH	43.0	1.76	2.20	31.8	1.23	0.94	19.1	1.18	1.07	39.0	2.26	1.73
8B9T92	35.3	-0.93	0.64	28.2	-0.23	0.63	16.1	-0.09	0.63	34.4	0.33	0.88
9CJY3G	37.6	-0.13	0.25	28.8	0.00	0.26	18.1	0.75	0.65	34.2	0.24	0.43
9N9W4E	41.9	1.37	0.47	32.5	1.52	0.08	17.5	0.51	0.19	35.9	0.94	0.36
9R98ZE	40.5	0.87	0.38	31.3	1.02	0.57	16.4	0.05	0.54	34.7	0.44	0.43
AGT9CY	36.8	-0.43	0.30	37.2	3.42X	0.16	21.1	2.01	0.22	28.1	-2.35	0.20
BGNHEE	39.8	0.63	0.16	24.7	-1.68	1.28	16.9	0.25	0.66	30.2	-1.49	1.95
BQFQ6X	38.0	-0.01	0.45	27.0	-0.73	0.88	13.4	-1.21	0.84	32.4	-0.53	0.98
BXCPCC	38.2	0.05	0.11	25.6	-1.31	0.58	18.0	0.70	0.22	36.5	1.18	0.24
EA8B4C	34.6	-1.18	0.29	28.4	-0.14	0.92	12.6	-1.57	0.18	30.5	-1.32	0.04
EB22AQ	41.6	1.26	0.07	29.7	0.35	0.74	18.5	0.93	0.06	34.9	0.53	0.09
G78LZA	38.2	0.06	0.70	28.6	-0.07	0.30	16.5	0.06	0.13	34.7	0.45	1.45
GE2RRQ	37.5	-0.19	0.44	26.3	-1.01	0.29	14.3	-0.85	0.82	32.9	-0.34	1.38
GWF9YP	38.0	0.00	0.71	29.0	0.08		17.0	0.28		33.7	0.00	0.55
GZGCNQ	39.7	0.59	0.17	29.7	0.39	0.26	16.0	-0.12	0.21	34.2	0.21	0.69
HLD6C8	36.9	-0.39	0.25	28.0	-0.32	0.18	15.7	-0.28	0.14	32.8	-0.35	0.79
LJW6PM	37.7	-0.12	2.06	29.3	0.22	1.48	15.7	-0.28	1.66	34.0	0.14	2.51
LR7U3L	34.3	-1.28	0.41	27.0	-0.74		16.0	-0.14		32.7	-0.42	0.55
LY9Q47	36.6	-0.49	0.40	27.1	-0.68	0.24	16.0	-0.15	0.66	32.2	-0.61	0.38
M2UUC4	37.1	-0.33	0.30	28.6	-0.09	0.09	16.1	-0.09	0.12	32.0	-0.72	0.59



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MJVU46	35.7	-0.81	0.48	28.5	-0.13	2.11	14.6	-0.73	0.29	31.1	-1.08	0.60
MRPXAM	42.4	1.52	0.29	33.5	1.90	1.19	21.9	2.33	0.89	35.2	0.65	0.30
NMQQKH	35.1	-1.03	0.75	26.4	-0.97	1.76	14.5	-0.77	0.37	31.4	-0.94	1.05
NYYNB4	39.0	0.35		29.0	0.08	1.11	17.3	0.42	4.39	33.0	-0.28	1.64
Q2EYXY	39.6	0.57	0.08	29.4	0.25	0.06	15.4	-0.40	0.17	34.1	0.19	0.09
Q7E99Z	38.0	0.00	1.23	28.3	-0.19	0.98	14.0	-0.98	1.09	32.3	-0.56	1.10
R9T6AV	37.6	-0.13	1.28	27.7	-0.44	0.66	15.6	-0.29	0.99	32.7	-0.40	1.06
RQB76X	40.8	0.97	0.72	33.3	1.83	1.48	18.9	1.10	0.17	33.2	-0.18	0.58
RTJECX	43.0	1.75	0.16	32.6	1.56	0.08	17.7	0.57	0.31	36.9	1.39	0.58
T4LUYG	41.0	1.06	1.02	29.6	0.33	0.03	15.6	-0.32	0.36	34.6	0.39	0.22
V4VKZW	35.5	-0.87	0.90	27.7	-0.43	0.71	16.7	0.15	0.51	31.7	-0.84	0.87
VDUKAU	36.7	-0.47	1.32	28.1	-0.30	1.04	15.6	-0.32	0.60	32.3	-0.56	1.45
WGA6XV	48.1	3.54X	0.70	36.4	3.10X	0.23	22.7	2.69	0.57	42.9	3.92X	0.26
YFTTBA	38.5	0.17	0.41	28.8	0.01	0.44	15.7	-0.26	0.41	33.5	-0.06	0.57
YMELLA	43.0	1.75	2.14	30.8	0.80	0.88	22.2	2.47	2.51	35.0	0.58	0.90
YY93BB	35.9	-0.73	0.62	25.2	-1.46	0.09	15.9	-0.16	0.76	31.8	-0.80	0.22
ZDLVE8	37.9	-0.03	0.26	34.0	2.13	3.45	16.5	0.09	0.17	33.8	0.06	0.49
ZYLZX8	46.6	3.02X	0.41	64.0	14.37X	1.83	51.5	14.76X	1.41	105.0	30.25X	2.05

Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	38.0			28.8			16.3			33.7		
Median Abs Dev	1.7			1.1			1.0			1.3		
Avg Within Lab SD	1.4			1.6			0.9			1.1		
Labs Included	42			41			43			42		
Labs Reporting	44			44			44			44		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	45.3	-0.71	1.93	57.2	-1.15	1.21	149.6	-0.74	1.64	61.8	-0.45	1.22
2PTAQ6	51.9	0.72	0.89	70.4	1.16	0.56	177.8	1.12	0.99	66.6	0.46	0.21
3463VM	46.7	-0.40	0.21	60.9	-0.49	0.25	147.0	-0.91	0.53	62.3	-0.37	1.57
3DWDAP	53.2	1.00	0.64	69.5	1.01	0.74	163.8	0.19	0.03	68.5	0.81	0.08
4NPE46	54.0	1.18	0.72	68.7	0.86	0.80	181.3	1.35	0.77	73.3	1.73	0.29
6FBYQ2	50.8	0.48	0.51	66.8	0.53	0.45	167.7	0.45	1.11	65.7	0.29	0.15
8AJAKH	50.8	0.49	0.86	65.1	0.24	1.40	176.3	1.02	0.69	71.8	1.44	1.36
8B9T92	46.3	-0.48	0.56	63.8	0.01	1.05	167.6	0.44	1.27	68.2	0.75	1.02
9CJY3G	44.8	-0.83	1.76	56.6	-1.25	0.77	141.2	-1.30	0.29	61.3	-0.56	0.56
9N9W4E	51.2	0.56	0.45	67.9	0.73	0.13	161.1	0.01	0.27	66.1	0.36	0.37
9R98ZE	52.0	0.74	0.77	70.5	1.18	1.72	177.0	1.06	2.14	66.3	0.39	0.70
AGT9CY	42.3	-1.36	0.33	56.5	-1.26	0.24	138.0	-1.51	0.48	56.7	-1.42	0.23
BGNHEE	43.0	-1.20	0.57	46.4	-3.03X	2.55	190.7	1.96	1.71	50.1	-2.67X	2.42
BQFQ6X	45.5	-0.67	1.32	58.9	-0.84	0.98	152.4	-0.56	1.47	58.7	-1.04	4.10
BXCPCC	38.5	-2.20	0.25	44.9	-3.29X	0.16	162.4	0.10	0.01	56.5	-1.47	0.43
EA8B4C	44.1	-0.97	0.06	57.2	-1.14	0.17	141.8	-1.26	0.26	57.3	-1.31	0.08
EB22AQ	46.3	-0.48	0.11	57.3	-1.13	0.11	149.8	-0.73	0.39	59.8	-0.83	0.08
G78LZA	50.1	0.34	1.09	65.4	0.28	0.58	155.3	-0.37	1.45	63.2	-0.19	0.73
GE2RRQ	46.7	-0.41	0.19	60.6	-0.54	0.45	143.0	-1.18	0.48	60.4	-0.72	0.84
GWF9YP	45.7	-0.63	0.41	59.0	-0.83		146.3	-0.96	0.14	60.7	-0.67	0.29
GZGCNQ	52.4	0.83	0.19	67.4	0.63	0.35	162.7	0.12	0.32	66.3	0.39	0.45
HLD6C8	44.3	-0.93	0.57	56.5	-1.27	0.30	145.7	-1.00	0.26	60.3	-0.73	0.78
LJW6PM	47.0	-0.34	0.72	63.7	-0.01	0.80	153.3	-0.50	1.39	64.0	-0.04	1.35
LR7U3L	41.7	-1.50	0.41	57.3	-1.12	0.30	149.0	-0.78	0.24	59.3	-0.93	0.29
LY9Q47	48.7	0.02	0.98	62.8	-0.16	0.35	160.9	0.00	1.27	65.7	0.27	1.00
M2UUC4	47.3	-0.26	0.62	61.6	-0.38	0.46	155.2	-0.37	0.31	60.6	-0.68	0.82



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MJVU46	45.4	-0.69	3.21	58.4	-0.93	1.41	146.3	-0.96	0.37	60.7	-0.67	0.32
MRPXAM	54.4	1.27	1.32	66.9	0.55	0.34	176.8	1.05	0.62	68.8	0.86	0.25
NMQQKH	45.6	-0.65	1.95	58.4	-0.93	2.75	164.0	0.20	1.90	60.3	-0.74	2.01
NYYNB4	50.3	0.38	0.41	66.3	0.45	0.61	164.0	0.20	0.83	66.0	0.34	
Q2EYXY	50.3	0.38	0.07	65.5	0.30	0.21	166.9	0.39	0.10	67.8	0.69	0.08
Q7E99Z	52.7	0.89	0.83	71.3	1.33	0.30	171.0	0.67	0.42	69.0	0.91	0.51
R9T6AV	47.6	-0.20	0.47	62.9	-0.14	0.70	150.1	-0.71	0.73	62.0	-0.43	0.42
RQB76X	47.3	-0.28	0.98	61.9	-0.32	1.26	149.2	-0.77	2.41	62.1	-0.40	1.07
RTJECX	53.9	1.16	0.90	69.1	0.93	1.64	165.6	0.31	0.47	69.6	1.01	0.23
T4LUYG	51.1	0.56	0.12	64.7	0.17	0.08	151.8	-0.60	0.43	66.9	0.52	0.38
V4VKZW	48.6	0.00	0.14	64.0	0.05	0.08	165.3	0.29	0.13	65.4	0.22	0.17
VDUKAU	48.6	0.00	1.65	63.6	-0.02	1.81	154.7	-0.41	1.37	63.6	-0.11	1.49
WGA6XV	60.4	2.56X	0.22	75.4	2.03	0.31	198.6	2.48X	0.39	78.3	2.67X	0.17
YFTTBA	48.7	0.02	1.29	63.9	0.02	1.19	164.1	0.21	0.22	64.5	0.05	1.02
YMELLA	53.7	1.11	1.50	67.3	0.62	2.40	171.7	0.71	1.84	69.5	1.00	0.92
YY93BB	55.3	1.46	0.72	68.0	0.74	0.13	178.3	1.14	0.71	70.0	1.09	0.17
ZDLVE8	48.3	-0.06	0.29	62.8	-0.16	0.33	159.0	-0.13		64.4	0.04	0.12
ZYLZX8	49.3	0.15	0.52	61.5	-0.39	1.60	157.0	-0.26	0.39	59.3	-0.94	0.39

Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	48.6			63.7			160.9			64.2		
Median Abs Dev	2.9			3.6			10.1			3.6		
Avg Within Lab SD	1.4			1.9			4.2			2.0		
Labs Included	43			42			43			42		
Labs Reporting	44			44			44			44		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	173.2	-1.09	3.30	95.8	-1.43	1.24	257.3	-1.31	2.01	297.8	-1.42	1.55
2PTAQ6	227.0	0.41	0.69	140.6	0.42	0.53	418.8	0.89	0.50	375.2	0.54	1.26
3463VM	208.9	-0.09	0.58	125.7	-0.20	1.06	356.1	0.03	0.63	347.4	-0.16	0.14
3DWDAP	224.2	0.34	0.65	137.5	0.29	0.96	366.5	0.17	0.41	361.4	0.20	0.01
4NPE46	162.7	-1.38	0.19	94.3	-1.49	0.23	266.7	-1.19	0.15	353.7	0.00	0.30
6FBYQ2	235.5	0.65	1.01	144.8	0.59	1.35	408.7	0.75	0.84	371.8	0.46	0.44
8AJAKH	175.0	-1.04	1.36	112.0	-0.76	0.85	284.7	-0.94	0.35	343.7	-0.25	1.46
8B9T92	173.1	-1.09	0.82	114.5	-0.66	1.42	327.4	-0.36	0.74	325.4	-0.72	0.83
9CJY3G	183.2	-0.81	1.24	132.3	0.07	0.72	286.9	-0.91	0.37	281.9	-1.82	0.49
9N9W4E	255.4	1.20	0.86	155.7	1.04	0.20	426.4	0.99	0.63	400.9	1.20	0.83
9R98ZE	231.7	0.54	0.65	140.0	0.39	0.90	345.3	-0.11	1.04	368.0	0.36	1.19
AGT9CY	214.7	0.07	0.26	120.0	-0.43	0.20	314.3	-0.54	0.22	334.3	-0.49	0.80
BGNHEE	180.5	-0.88	0.13	82.2	-1.99	1.77	310.8	-0.59	1.07	299.5	-1.37	2.63
BQFQ6X	185.9	-0.73	0.80	113.3	-0.71	0.98	288.6	-0.89	1.05	337.9	-0.40	0.72
BXCPCC	214.0	0.05	0.28	138.1	0.31	0.60	395.4	0.57	0.14	355.3	0.04	0.38
EA8B4C	197.5	-0.41	1.08	111.4	-0.78	0.86	748.8	5.38X	1.67	924.6	14.47X	0.41
EB22AQ	221.0	0.25	0.13	134.3	0.16	0.30	392.0	0.52	0.19	353.7	0.00	0.18
G78LZA	237.0	0.69	0.79	148.0	0.72	0.90	412.3	0.80	1.21	369.3	0.40	0.61
GE2RRQ	220.7	0.24	0.44	140.0	0.39	0.20	354.3	0.01	0.94	350.0	-0.09	1.07
GWF9YP	179.0	-0.92	0.25	129.0	-0.06	0.20	258.3	-1.30	0.11	314.3	-1.00	0.18
GZGCNQ	197.6	-0.41	0.69	121.2	-0.38	0.30	334.2	-0.27	0.29	353.0	-0.02	0.48
HLD6C8	197.5	-0.41	0.51	115.1	-0.63	0.56	324.0	-0.41	0.46	340.1	-0.34	1.14
LJW6PM	160.0	-1.45		98.7	-1.31	0.45	243.3	-1.50	0.41	303.3	-1.28	0.70
LR7U3L	202.3	-0.27	0.44	129.7	-0.03	0.41	381.7	0.38	0.08	356.0	0.06	0.63
LY9Q47	238.8	0.74	0.60	148.2	0.73	0.93	401.1	0.64	2.79	395.2	1.05	0.82
M2UUC4	170.4	-1.17	1.44	98.7	-1.31	0.45	276.8	-1.05	0.76	302.8	-1.29	0.89



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MJVU46	231.3	0.53	1.71	160.3	1.23	3.07	416.0	0.85	0.70	389.3	0.90	0.80
MRPXAM	263.4	1.43	0.23	153.9	0.96	0.15	451.8	1.34	0.86	426.0	1.83	0.49
NMQQKH	222.4	0.28	1.59	136.1	0.23	3.43	383.1	0.40	1.75	353.1	-0.02	1.00
NYYNB4	217.0	0.13	0.44	140.7	0.42	0.45	361.3	0.10	0.78	354.7	0.03	0.07
Q2EYXY	211.1	-0.03	0.04	118.6	-0.49	0.11	398.0	0.60	0.03	357.5	0.10	0.07
Q7E99Z	191.0	-0.59	0.79	131.3	0.03	0.45	320.7	-0.45	0.35	352.7	-0.03	0.59
R9T6AV	196.2	-0.44	0.78	152.8	0.92	1.00	298.4	-0.75	0.48	331.7	-0.56	1.05
RQB76X	189.0	-0.65	1.30	114.8	-0.64	1.11	290.8	-0.86	3.59	311.1	-1.08	2.47
RTJECX	271.7	1.66	0.62	153.9	0.96	0.53	422.8	0.94	0.13	405.5	1.31	0.75
T4LUYG	227.9	0.44	0.69	137.0	0.27	0.23	338.4	-0.21	0.49	373.5	0.50	0.54
V4VKZW	213.2	0.03	0.15	145.7	0.63	0.06	379.7	0.35	0.04	365.5	0.30	0.08
VDUKAU	205.7	-0.18	0.86	122.3	-0.34	0.63	349.0	-0.06	0.68	341.0	-0.32	1.57
WGA6XV	280.8	1.91	0.79	161.9	1.29	0.39	487.5	1.82	0.82	436.1	2.09	0.53
YFTTBA	216.8	0.13	1.37	121.0	-0.39	0.64	353.8	0.00	0.23	362.9	0.23	1.16
YMELLA	238.3	0.73	1.40	132.0	0.06	0.71	390.3	0.50	1.03	389.3	0.90	1.81
YY93BB	185.8	-0.74	0.57	105.0	-1.05	0.41	280.4	-1.00	0.53	265.9	-2.23	0.86
ZDLVE8	148.0	-1.79	0.38	89.0	-1.71	0.26	242.3	-1.52	0.47	292.3	-1.55	0.90
ZYLZX8	235.3	0.65	1.80	111.3	-0.79	0.48	363.7	0.14	0.64	356.3	0.07	0.83

Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	212.2			130.5			353.8			353.7		
Median Abs Dev	22.2			15.3			44.2			18.2		
Avg Within Lab SD	7.9			5.1			14.1			8.3		
Labs Included	44			44			43			43		
Labs Reporting	44			44			44			44		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	11.07	1.74	5.18	6.64	1.39	3.98	5.86	1.74	3.08	13.30	2.55X	8.04
2PTAQ6	9.42	0.30	0.67	5.10	0.00	0.65	4.70	0.62	0.56	11.49	1.01	0.61
3463VM	9.54	0.41	0.27	5.38	0.25	0.22	4.04	-0.03	0.10	11.37	0.90	3.27
3DWDAP	10.73	1.44	0.44	6.26	1.05	0.57	4.70	0.61	0.13	11.67	1.16	0.11
4NPE46	10.00	0.81		5.00	-0.09		5.00	0.91		11.67	1.15	1.24
6FBYQ2	7.56	-1.31	0.25	3.31	-1.62	0.28	2.93	-1.10	0.52	8.83	-1.28	0.33
8AJAKH	9.47	0.35	0.63	5.25	0.14	0.12	4.55	0.47	0.13	10.80	0.41	0.43
8B9T92	9.14	0.06	0.23	5.67	0.52	0.47	4.65	0.57	0.74	11.28	0.83	0.91
9CJY3G	7.74	-1.15	0.85	5.32	0.20	1.26	5.16	1.06	0.49	8.58	-1.49	0.68
9N9W4E	10.07	0.87	0.44	5.94	0.76	0.20	4.45	0.37	0.10	10.94	0.53	0.41
9R98ZE	9.34	0.24	0.31	5.39	0.27	0.38	4.26	0.18	0.53	10.43	0.10	0.33
AGT9CY	8.40	-0.58	0.39	5.07	-0.03	0.36	4.07	0.00	0.38	9.23	-0.93	0.16
BGNHEE	9.89	0.71	0.25	4.29	-0.73	0.77	3.66	-0.39	0.16	9.91	-0.35	1.33
BQFQ6X	8.46	-0.53	0.55	4.63	-0.43	0.98	3.80	-0.26	0.99	10.11	-0.18	0.70
BXCPCC	12.10	2.63X	0.00	6.60	1.36	0.93	6.30	2.17	0.25	13.75	2.94X	0.11
EA8B4C	7.79	-1.11	0.34	3.73	-1.24	0.30	2.94	-1.09	0.38	9.36	-0.82	0.10
EB22AQ	9.20	0.12	0.20	5.17	0.06	0.13	4.37	0.29	0.38	10.17	-0.13	0.12
G78LZA	8.49	-0.50	0.31	4.56	-0.48	0.17	3.97	-0.09	0.47	10.63	0.27	1.43
GE2RRQ	8.67	-0.35	0.57	5.00	-0.09		3.50	-0.55		9.30	-0.87	0.57
GWF9YP	9.07	0.00	0.11	5.33	0.21	0.13	4.23	0.16	0.14	10.17	-0.13	0.12
GZGCNQ	9.81	0.65	0.24	5.25	0.14	0.93	3.91	-0.16	0.79	10.57	0.21	0.24
HLD6C8	9.14	0.07	0.26	5.43	0.30	0.25	4.33	0.25	0.21	10.56	0.21	0.65
LJW6PM	8.87	-0.17	0.97	5.10	0.00	0.81	5.13	1.03	3.88	10.67	0.30	1.24
LR7U3L	8.00	-0.92		5.00	-0.09		4.00	-0.06		10.00	-0.27	
LY9Q47	8.70	-0.32	0.52	4.60	-0.45	2.04	4.23	0.16	0.29	10.20	-0.10	1.30
M2UUC4	8.51	-0.49	0.24	4.69	-0.37	1.12	3.58	-0.47	0.35	9.36	-0.82	0.58



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MJVU46	8.05	-0.88	1.50	4.92	-0.16	0.99	3.39	-0.65	0.05	9.13	-1.02	0.55
MRPXAM	10.41	1.17	0.78	5.56	0.41	0.33	4.63	0.54	0.59	11.24	0.79	0.97
NMQQKH	6.55	-2.18	0.75	2.59	-2.27	0.84	2.47	-1.55	0.84	8.24	-1.78	2.90
NYYNB4	10.50	1.24	0.34	6.83	1.57	1.08	9.67	5.43X	16.75	12.33	1.73	0.49
Q2EYXY	7.20	-1.62	0.20	2.20	-2.62	0.23	1.90	-2.10	0.25	8.07	-1.93	0.12
Q7E99Z	8.67	-0.35	1.14	5.00	-0.09		3.67	-0.39	1.44	10.67	0.30	1.24
R9T6AV	9.16	0.08	0.26	5.25	0.13	0.37	3.86	-0.20	0.26	10.21	-0.10	0.33
RQB76X	8.03	-0.90	1.12	3.43	-1.51	1.10	3.13	-0.91	1.18	8.87	-1.25	1.10
RTJECX	10.31	1.08	0.19	6.00	0.82	0.18	4.59	0.51	0.46	11.33	0.86	0.14
T4LUYG	8.33	-0.64	0.33	4.55	-0.50	0.28	3.50	-0.55	0.27	10.11	-0.18	0.65
V4VKZW	8.82	-0.21	0.28	2.14	-2.67	0.34	3.03	-1.00	0.12	10.60	0.24	0.08
VDUKAU	8.90	-0.14	0.90	5.03	-0.06	0.59	3.90	-0.16	0.50	10.03	-0.25	0.97
WGA6XV	8.27	-0.69	0.42	2.78	-2.10	0.20	2.21	-1.80	0.67	9.37	-0.82	0.52
YFTTBA	9.31	0.21	0.70	5.40	0.27	0.93	4.57	0.49	0.90	10.47	0.13	1.32
YMELLA	9.36	0.25	1.14	5.60	0.45	2.31	4.34	0.26	1.97	10.70	0.33	0.77
YY93BB	8.09	-0.85	0.34	4.46	-0.58	0.08	3.58	-0.48	0.02	9.02	-1.11	0.33
ZDLVE8	10.15	0.94	0.36	5.92	0.74	0.49	4.77	0.69	0.63	11.27	0.81	0.12
ZYLZX8	9.51	0.39	0.10	5.61	0.46	0.34	6.05	1.93	0.63	10.60	0.24	0.99

Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	9.07			5.10			4.07			10.3		
Median Abs Dev	0.67			0.49			0.52			0.8		
Avg Within Lab SD	0.51			0.43			0.40			0.5		
Labs Included	43			44			43			42		
Labs Reporting	44			44			44			44		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P8P47	1.68	3.84X	3.67	1.08	2.99X	8.03	1.01	4.32X	7.52	1.60	1.26	1.03
3DWDAP	0.80	0.53	0.18	0.36	-0.30	0.12	0.09	-0.18	0.09	1.26	0.01	0.44
6FBYQ2	0.50	-0.62	0.65	0.19	-1.09	0.68	-0.07	-0.97	1.92	1.10	-0.56	1.58
9CJY3G	0.66	-0.02	0.25	0.58	0.69	0.18	0.56	2.11	0.29	0.79	-1.67	0.87
9N9W4E	0.71	0.19	0.10	0.34	-0.39	0.01	0.12	-0.05	0.06	1.19	-0.24	0.15
9R98ZE	0.83	0.64	0.14	0.44	0.07	0.22	0.12	-0.06	0.13	1.31	0.22	0.55
BGNHEE	0.16	-1.88	0.13	0.14	-1.31	0.00	0.14	0.05	0.00	0.31	-3.43X	0.95
BXCPCC	1.85	4.47X	0.43	1.55	5.12X	0.62	2.15	9.92X	0.81	3.15	6.90X	2.16
G78LZA	0.82	0.59	0.06	0.43	0.00	0.03	0.14	0.06	0.13	1.25	-0.01	0.14
GWF9YP	0.65	-0.05	0.09	0.39	-0.19	0.06	0.05	-0.39	0.00	1.13	-0.45	0.14
GZGCNQ	1.01	1.31	1.21	0.45	0.09	0.97				1.18	-0.27	1.27
LJW6PM	0.51	-0.59	1.09	0.28	-0.67	0.86	0.09	-0.21	1.62	1.22	-0.12	2.32
LR7U3L	0.57	-0.36	1.78	0.77	1.55	1.89	0.47	1.65	2.47	1.73	1.75	1.67
M2UUC4	0.90	0.89	0.23	0.53	0.45	0.29	0.24	0.52	0.19	1.30	0.18	0.20
NYYNB4	0.66	0.00	3.31	0.65	1.02	2.99	0.38	1.23		1.84	2.12	1.08
Q7E99Z	1.23	2.15	0.49	0.80	1.70	0.00	0.50	1.82		1.57	1.14	0.83
R9T6AV	0.60	-0.22	0.12							1.07	-0.68	0.54
RTJECX										1.36	0.38	0.79
T4LUYG	1.07	1.53	0.42	0.54	0.50	0.32	0.38	1.23	0.03	1.48	0.83	0.65
VDUKAU	0.49	-0.67	0.91	0.18	-1.14	1.44	0.09	-0.19	1.16	1.00	-0.92	1.24
YY93BB	0.78	0.43	0.22	0.36	-0.31	0.10	0.11	-0.08	0.23	1.27	0.07	0.18
ZDLVE8	0.63	-0.14	0.54							1.09	-0.61	0.73



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	0.66	0.43	0.13	1.25	
Median Abs Dev	0.16	0.11	0.06	0.14	
Avg Within Lab SD	0.12	0.08	0.06	0.07	
Labs Included	19	17	16	20	
Labs Reporting	21	19	18	22	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	0.31	0.38	0.14	0.27	0.17	1.17	0.10	0.21	0.00	0.34	0.07	0.90
BXCPCC	0.24	-0.39	0.00	0.17	-1.68	0.09	0.14	2.23	0.07	0.33	-0.42	0.51
CXRAZG	0.32	0.51	0.07	0.27	0.16	0.38	0.09	-0.21	0.32	0.37	0.90	0.34
DAFX3T	0.24	-0.33	2.44	0.30	0.80	0.00	0.11	0.74	0.00	0.40	1.74	0.90
U6NALD	0.07	-2.11	0.14	0.20	-1.10	2.02	0.09	-0.32	2.40	0.31	-0.85	1.56
YY93BB	0.31	0.33	0.17	0.25	-0.16	0.62	0.09	-0.34	0.37	0.34	-0.07	1.25
P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	0.27			0.26			0.10			0.34		
Median Abs Dev	0.04			0.03			0.01			0.02		
Avg Within Lab SD	0.07			0.00			0.00			0.01		
Labs Included	6			6			6			6		
Labs Reporting	6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K (SubTestCode 226) in the Dry Ash Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	5.87	0.85	0.38	9.76	0.91	0.37	0.66	0.25	0.75	2.77	0.26	0.36
BXCPCC	5.61	0.00	0.15	7.67	-0.62	0.13	0.69	0.65	0.05	3.06	1.05	1.95
CXRAZG	5.28	-1.08	1.03	8.21	-0.22	0.72	0.63	-0.25	1.71	2.59	-0.25	0.13
DAFX3T	5.64	0.08	0.07	9.75	0.91	2.02	0.68	0.55	0.75	2.77	0.25	0.74
U6NALD	2.67	-9.59X	2.03	6.91	-1.17	0.09	0.51	-2.02	0.75	2.20	-1.31	0.36
YY93BB	5.20	-1.35	1.94	8.81	0.22	1.11	0.62	-0.34	1.18	2.34	-0.93	1.17
K (SubTestCode 226) in the Dry Ash Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	5.61			8.51			0.64			2.68		
Median Abs Dev	0.26			1.04			0.03			0.22		
Avg Within Lab SD	0.08			0.06			0.01			0.03		
Labs Included	5			6			6			6		
Labs Reporting	6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca (SubTestCode 227) in the Dry Ash Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	1.76	0.78	0.95	1.86	0.21	1.11	1.83	0.41	0.91	0.78	0.37	0.79
BXCPCC	1.48	-1.46	0.50	1.36	-1.42	0.97	1.64	-0.70	1.31	0.72	-0.26	0.47
CXRAZG	1.72	0.48	1.60	1.84	0.13	0.40	1.99	1.34	0.91	0.80	0.60	2.01
DAFX3T	1.66	0.00	0.62	1.83	0.12	1.40	1.85	0.49	0.25	0.77	0.26	0.79
U6NALD	0.47	-9.62X	2.81	1.17	-2.03	0.55	1.64	-0.71	0.67	0.60	-1.61	0.46
YY93BB	1.58	-0.66	0.95	1.76	-0.12	1.19	1.69	-0.41	1.45	0.66	-0.94	0.53
Ca (SubTestCode 227) in the Dry Ash Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	1.66			1.80			1.76			0.75		
Median Abs Dev	0.08			0.05			0.10			0.04		
Avg Within Lab SD	0.02			0.02			0.02			0.02		
Labs Included	5			6			6			6		
Labs Reporting	6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
78ECH3	0.28	0.19	1.03	0.98	0.25	0.58	0.25	-0.05	1.60	0.37	0.68	0.98	
BXCPCC	0.20	-0.79	0.43	0.50	-2.15	0.16	0.34	2.44	0.19	0.35	-0.22	0.32	
CXRAZG	0.29	0.22	0.10	0.95	0.09	1.10	0.26	0.42	0.56	0.40	1.50	1.08	
DAFX3T	0.27	0.07	1.03	0.91	-0.07	0.58	0.25	0.05		0.36	0.22	0.00	
U6NALD	0.04	-2.72	1.79	0.65	-1.41	1.54	0.23	-0.50	1.38	0.34	-0.47	1.70	
YY93BB	0.26	-0.07	0.68	0.94	0.07	1.31	0.23	-0.60	0.44	0.33	-0.96	0.94	
Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508			
	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	0.27			0.93			0.25			0.35			
Median Abs Dev	0.02			0.03			0.02			0.02			
Avg Within Lab SD	0.01			0.01			0.01			0.01			
Labs Included	6			6			6			6			
Labs Reporting	6			6			6			6			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	0.40	-0.07	1.53	0.13	0.00	0.75	0.08	0.00	1.56	0.01	-0.74	0.00
BXCPCC	0.31	-1.04	0.25				0.19	3.07	0.65	0.02	-0.06	0.22
CXRAZG	0.41	0.07	0.85	0.13	0.45	0.28	0.08	0.00	0.35	0.02	0.06	1.94
DAFX3T	0.41	0.08	0.00	0.14	2.12	0.00	0.09	0.29	1.56	0.03	1.72	0.00
U6NALD	0.17	-2.70	1.45	0.12	-0.74	2.08	0.06	-0.57	0.41	0.02	0.74	1.48
YY93BB	0.41	0.08	0.88	0.13	-0.05	0.20	0.08	-0.12	0.63	0.01	-0.74	0.00
Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.40			0.13			0.083			0.016		
Median Abs Dev	0.01			0.00			0.007			0.006		
Avg Within Lab SD	0.01			0.01			0.004			0.001		
Labs Included	6			5			6			6		
Labs Reporting	6			5			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
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
BXCPCC	660.5		0.04	507.1		0.17	1,006.0		0.07	688.5		0.25
DAFX3T	206.6		0.18	192.1		0.77	233.5		0.39	225.6		0.28
NMQQKH	180.3		1.95	85.3		1.80	331.4		1.85	274.7		1.89
YY93BB	145.7		0.42	73.7		0.36	238.2		0.66	186.7		0.52
AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	193.5			138.7			284.8			250.2		
Median Abs Dev												
Avg Within Lab SD	9.0			5.6			13.4			10.9		
Labs Included	4			4			4			4		
Labs Reporting	4			4			4			4		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

B (SubTestCode 231) in the Dry Ash Property Groups												Data units: mg/kg	
SRB2505				SRB2506			SRB2507			SRB2508			
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	
78ECH3	53.7	1.00	0.43	35.7	1.85	0.52	73.3	0.44	0.32	34.7	1.66	0.63	
CXRAZG	44.3	0.03	0.33	28.9	-0.19	0.29	74.7	0.93	0.42	23.9	-0.28	0.31	
DAFX3T	45.5	0.15	1.56	31.1	0.46	1.56	72.9	0.29	1.52	27.0	0.28	1.51	
NMQQKH	42.3	-0.18	1.10	26.8	-0.84	1.10	71.3	-0.29	1.74	21.8	-0.66	1.64	
U6NALD	18.4	-2.66	1.38	27.9	-0.51	1.22	68.4	-1.32	0.33	27.1	0.29	0.27	
YY93BB	43.8	-0.03	0.39	30.2	0.19	0.73	69.9	-0.78	0.51	20.5	-0.88	0.70	
B (SubTestCode 231) in the Dry Ash Property Groups												Data units: mg/kg	
SRB2505				SRB2506			SRB2507			SRB2508			
Grand Median		44.0		29.6		72.1		25.4					
Median Abs Dev		1.6		1.6		1.7		2.6					
Avg Within Lab SD		1.3		1.1		1.8		0.9					
Labs Included		6		6		6		6					
Labs Reporting		6		6		6		6					



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	41.3	1.19	0.96	29.7	0.41	0.38	16.7	0.75	1.09	35.7	0.40	0.92
BXCPCC	38.2	-0.01	0.25	25.6	-0.88	0.60	18.0	1.44	0.38	36.5	0.62	0.40
CXRAZG	38.8	0.24	0.87	31.1	0.88	0.67	18.7	1.81	0.91	36.3	0.58	1.02
DAFX3T	38.2	0.01	1.09	28.4	0.00	0.27	15.2	0.00	1.09	34.3	0.00	0.75
NMQQKH	35.1	-1.18	1.75	26.4	-0.62	1.82	14.5	-0.39	0.64	31.4	-0.81	1.75
U6NALD	11.7	-9.97X	3.29	32.7	1.39	1.59	15.2	0.00	1.61	30.1	-1.19	0.32
YY93BB	34.4	-1.42	0.20	26.7	-0.54	0.36	14.6	-0.34	0.82	30.3	-1.12	1.11
Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	38.2			28.4			15.2			34.3		
Median Abs Dev	1.9			1.9			0.8			2.2		
Avg Within Lab SD	0.6			1.5			0.5			0.6		
Labs Included	6			7			7			7		
Labs Reporting	7			7			7			7		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	50.7	0.46	1.94	67.3	0.22	0.52	141.3	-0.41	0.73	65.3	0.60	0.69
BXCPCC	38.5	-2.07	0.45	44.9	-1.59	0.27	162.4	1.10	0.03	56.5	-0.86	1.02
CXRAZG	48.7	0.05	0.44	65.0	0.03	0.69	149.7	0.19	1.36	65.7	0.66	1.17
DAFX3T	44.6	-0.80	0.19	64.2	-0.03	0.73	144.5	-0.19	0.41	64.2	0.42	0.18
U6NALD	10.7	-7.79X	1.91	39.0	-2.07	1.98	122.2	-1.79	0.44	55.1	-1.09	0.24
YY93BB	48.5	0.00	0.89	65.9	0.10	0.86	152.1	0.36	1.80	59.1	-0.42	1.74
Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	48.5			64.6			147.1			61.7		
Median Abs Dev	2.2			2.0			5.4			3.8		
Avg Within Lab SD	0.8			1.1			1.6			0.8		
Labs Included	5			6			6			6		
Labs Reporting	6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
78ECH3	166.3	0.17	1.36	92.3	-0.56	0.32	235.3	0.00	0.49	255.7	-0.13	0.54
BXCPCC	214.0	1.10	0.72	138.1	8.26X	0.64	395.4	13.25X	0.62	355.3	2.15	0.82
CXRAZG	144.6	-0.26	1.08	95.2	0.00	0.69	250.6	1.26	1.54	269.2	0.18	1.11
DAFX3T	162.0	0.08	0.85	102.7	1.45	0.10	252.4	1.41	0.92	266.9	0.13	1.36
U6NALD	37.8	-2.35	0.58	99.7	0.87	2.06	235.0	-0.03	0.91	232.3	-0.66	1.28
YY93BB	153.5	-0.08	1.18	92.7	-0.50	0.40	227.3	-0.66	0.84	226.5	-0.79	0.57
Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	157.7			95.2			235.3			261.3		
Median Abs Dev	10.8			2.9			8.0			18.5		
Avg Within Lab SD	3.1			4.7			3.1			3.9		
Labs Included	6			5			5			6		
Labs Reporting	6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
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
78ECH3	9.73	0.19	0.39	3.97	-0.82	0.43	4.87	0.13	0.43	9.83	0.19	0.99
BXCPCC	12.10	0.72	0.00	6.60	0.70	1.48	6.30	1.35	0.28	13.75	1.35	0.24
CXRAZG	8.93	0.01	0.65	4.91	-0.28	0.19	4.56	-0.13	0.54	9.50	0.09	1.92
DAFX3T	2.00	-1.56	2.22	5.87	0.28	0.21	6.10	1.18	2.23	1.80	-2.20	0.48
U6NALD	1.93	-1.57	0.65	6.53	0.66	1.67	4.00	-0.61	0.56	8.90	-0.09	0.95
YY93BB	8.88	-0.01	0.24	3.10	-1.32	0.88	3.96	-0.64	0.39	8.77	-0.13	0.37
Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	8.90			5.39			4.71			9.20		
Median Abs Dev	2.01			1.18			0.73			0.53		
Avg Within Lab SD	0.39			0.27			0.36			0.21		
Labs Included	6			6			6			6		
Labs Reporting	6			6			6			6		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mo (SubTestCode 236) in the Dry Ash Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BXCPC	1.85		0.32	1.55		0.17	2.15		0.15	3.15		1.13
DAFX3T	0.50		1.70	1.03		1.72	2.50		1.73	0.40		1.30
YY93BB	0.67		0.13	0.19		0.11	0.10		0.01	0.99		0.21
Mo (SubTestCode 236) in the Dry Ash Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.67			1.03			2.15			0.99		
Median Abs Dev												
Avg Within Lab SD	0.16			0.30			0.32			0.13		
Labs Included	3			3			3			3		
Labs Reporting	3			3			3			3		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.04	-0.53	0.27	0.08	-0.08	0.28	0.60	0.07	0.17	0.27	0.13	0.74
6FBYQ2	0.73	3.37	2.63	1.92	2.32	2.81	1.71	1.97	2.82	1.12	1.96	2.69
9N9W4E	0.20	0.40	0.02	0.15	0.01	0.01	0.52	-0.07	0.02	0.12	-0.18	0.08
9R98ZE	0.12	-0.07	0.02	0.13	-0.02	0.01	0.49	-0.12	0.03	0.13	-0.18	0.07
BGNHEE	2.11	11.14X	0.48	2.34	2.87	0.06	2.16	2.73	0.08	1.31	2.38	0.25
BXCPCC	0.10	-0.19	0.00	0.10	-0.05	0.00	0.30	-0.44	0.00	0.35	0.31	0.36
G78LZA	0.13	0.00	0.02	0.13	-0.01	0.00	0.56	0.00	0.04	0.14	-0.14	0.05
NYYNB4	0.16	0.17	0.03	0.16	0.03	0.02	0.56	0.00	0.02	0.15	-0.13	0.01

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	0.13	0.14	0.56	0.21	
Median Abs Dev	0.03	0.03	0.05	0.08	
Avg Within Lab SD	0.13	0.43	0.51	0.14	
Labs Included	7	8	8	8	
Labs Reporting	8	8	8	8	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ba (SubTestCode 238) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	16.8	-0.59	1.10	71.4	-0.33	0.63	28.2	-1.16	0.31	15.2	-0.69	0.02
6FBYQ2	14.4	-1.51	0.30	57.6	-1.58	0.28	25.9	-1.92	0.55	13.8	-1.43	0.57
9R98ZE	19.1	0.32	1.44	85.1	0.93	1.36	31.7	0.02	1.93	16.8	0.16	0.75
BGNHEE	16.8	-0.56	0.34	56.8	-1.65	1.92	31.1	-0.17	1.57	13.1	-1.81	1.98
BXCPCC	23.4	1.99	1.66	75.7	0.06	0.91	80.0	16.22X	0.96	46.3	15.67X	0.65
G78LZA	18.1	-0.07	1.15	74.3	-0.06	0.99	33.5	0.61	0.28	16.5	0.00	1.42
GZGCNQ	18.5	0.07	0.29	76.7	0.16	0.22	31.6	0.00	0.43	16.5	0.01	0.26
NYYNB4	19.0	0.29	0.60	81.8	0.62	0.36	34.1	0.83	0.41	17.7	0.62	0.32

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	18.3	75.0	31.6	16.5	
Median Abs Dev	1.1	5.2	1.8	1.2	
Avg Within Lab SD	0.3	2.2	0.8	0.5	
Labs Included	8	8	7	7	
Labs Reporting	8	8	8	8	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.17	-0.10	0.00	1.22	-0.15	0.85	0.13	-0.02	0.00	0.12	-0.04	1.31
6FBYQ2	0.13	-0.42	2.15	1.22	-0.13	0.19	0.10	-0.26	0.51	0.06	-0.49	2.05
9N9W4E	0.18	-0.04	0.22	1.21	-0.27	0.06	0.13	0.00	0.23	0.12	-0.02	0.27
9R98ZE	0.19	0.04	0.35	1.37	1.40	1.52	0.13	0.00	0.67	0.13	0.02	0.27
BGNHEE	0.48	2.19	0.50	1.34	1.15	1.66	0.40	2.41	2.67	0.42	2.41	1.31
BXCPCC	0.50	2.32		1.75	5.55X	1.68	0.40	2.44	0.00	0.40	2.25	0.00
G78LZA	0.17	-0.10	0.18	1.13	-1.12	0.19	0.13	-0.07	0.28	0.12	-0.07	0.20
GZGCNQ				1.25	0.13	1.46						
NYYNB4	0.21	0.18	1.40	1.33	1.03	0.08	0.15	0.18	0.16	0.14	0.09	0.38

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
	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	0.18			1.24			0.13			0.13		
Median Abs Dev	0.02			0.06			0.01			0.01		
Avg Within Lab SD	0.01			0.03			0.01			0.01		
Labs Included	8			8			8			8		
Labs Reporting	8			9			8			8		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.17	0.00	0.34	0.35	-0.15	0.30	0.32	-0.31	0.76	0.23	-0.04	0.00
6FBYQ2	0.35	1.20	1.84	0.49	2.11	1.78	0.49	1.23	1.20	0.39	1.43	0.58
9R98ZE	0.15	-0.16	0.21	0.36	0.03	0.26	0.30	-0.50	0.27	0.23	-0.06	0.07
BGNHEE	0.39	1.41	0.45	0.72	5.86X	0.00	0.38	0.23	0.96	0.43	1.82	0.58
BXCPCC	0.50	2.15		0.41	0.79	0.00	0.82	4.21X	0.13	0.74	4.61X	0.12
G78LZA	0.17	0.00	1.86	0.35	-0.22	1.17	0.33	-0.23	0.10	0.22	-0.16	0.26
LR7U3L	0.12	-0.33	0.17	0.43	1.16	0.79	0.52	1.46	0.84	0.34	0.94	1.26
NYYNB4	0.16	-0.11	0.00	0.36	-0.03	0.23	0.39	0.34	0.10	0.24	0.04	0.04
VDUKAU	0.07	-0.71	0.88	0.31	-0.91	1.63	0.23	-1.09	2.07	0.13	-0.92	2.38
Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.17			0.36			0.35			0.23		
Median Abs Dev	0.05			0.03			0.05			0.06		
Avg Within Lab SD	0.03			0.05			0.05			0.06		
Labs Included	9			8			8			8		
Labs Reporting	9			9			9			9		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.54	0.22	1.52	1.18	0.54	0.17	2.00	0.55	0.21	2.02	0.25	0.35
6FBYQ2	0.07	-2.37	0.87	0.49	-1.76	0.53	1.77	0.00	1.32	1.57	-1.83	1.71
9N9W4E	0.50	-0.03	1.13	1.04	0.06	0.42	2.06	0.68	0.42	2.13	0.77	0.98
9R98ZE	0.51	0.03	0.98	1.02	0.00	0.76	1.66	-0.26	1.44	2.09	0.57	0.91
BGNHEE	0.83	1.77	0.66	1.40	1.26	0.51	1.44	-0.80	0.73	1.96	0.00	0.73
BXCPCC	30.40	163.14X	8.66	29.15	93.55X	0.83	23.20	51.12X	10.80	21.20	89.47X	3.23
G78LZA	0.46	-0.26	0.42	0.90	-0.41	0.26	1.90	0.31	1.35	1.85	-0.51	0.69
GZGCNQ				0.63	-1.29	2.34	1.16	-1.46	1.61	1.75	-0.98	1.70
M2UUC4	0.40	-0.54	1.32	0.87	-0.48	1.45	1.29	-1.16	0.05	1.86	-0.49	0.33
NYYNB4	0.53	0.17	0.57	1.10	0.27	0.24	2.13	0.84	0.14	2.11	0.67	0.35

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2505	SRB2506	SRB2507	SRB2508	
Grand Median	0.50	1.02	1.77	1.96	
Median Abs Dev	0.04	0.14	0.29	0.12	
Avg Within Lab SD	0.02	0.06	0.06	0.09	
Labs Included	8	9	9	9	
Labs Reporting	9	10	10	10	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2505			SRB2506			SRB2507			SRB2508		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.37	1.86	1.28	0.49	-0.48	1.75	2.96	0.11	0.93	0.29	0.21	2.23
6FBYQ2	0.04	-1.42	0.69	0.53	-0.25	1.42	3.53	1.49	2.09	0.51	2.33	1.67
9N9W4E	0.16	-0.25	0.50	0.74	0.81	0.27	2.77	-0.36	0.30	0.22	-0.48	0.12
9R98ZE	0.20	0.09	0.10	0.73	0.76	1.16	2.88	-0.11	0.70	0.26	-0.09	0.27
BGNHEE	1.51	13.11X	3.57	2.77	11.16X	0.60	3.37	1.11	1.64	1.19	8.81X	1.75
BXCPCC	0.27	0.84	0.00	0.40	-0.92	0.00	2.45	-1.15	0.83	0.42	1.44	0.14
G78LZA	0.18	-0.09	0.17	0.63	0.25	0.64	2.58	-0.83	0.28	0.22	-0.44	0.02
GZGCNQ							3.02	0.24	0.56			
M2UUC4	0.16	-0.27	2.33	0.50	-0.42	1.01	2.52	-0.99	0.62	0.24	-0.32	0.40
NYYNB4	0.24	0.57	0.42	0.88	1.51	0.27	3.06	0.35	0.13	0.28	0.09	0.03

Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2505			SRB2506			SRB2507			SRB2508		
Grand Median	0.19			0.58			2.92			0.27		
Median Abs Dev	0.04			0.12			0.24			0.04		
Avg Within Lab SD	0.03			0.09			0.18			0.08		
Labs Included	8			8			10			8		
Labs Reporting	9			9			10			9		



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
SRB2505				SRB2506			SRB2507			SRB2508			
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	
3DWDAP	148.7	0.00	1.10	80.7	0.00	0.42	142.0	-0.51	0.21	15.7	-1.97	1.10	
6FBYQ2	156.6	0.45	1.12	89.2	0.71	0.68	160.9	0.86	0.96	21.7	0.76	0.28	
9R98ZE	174.0	1.44	1.44	93.1	1.03	1.55	168.0	1.38	1.62	20.5	0.23	0.51	
BGNHEE	140.2	-0.48	0.86	64.3	-1.36	2.32	149.1	0.00	2.23	16.0	-1.82	2.02	
BXCPCC	129.1	-1.11	0.14	70.0	-0.89	0.40	141.5	-0.55	0.06	19.5	-0.25	0.10	
G78LZA	143.3	-0.30	1.66	79.2	-0.12	0.48	136.3	-0.93	0.45	20.0	0.00	1.75	
GZGCNQ	158.4	0.55	0.77	88.4	0.64	0.37	154.3	0.38	0.36	20.1	0.06	0.38	
LR7U3L	127.6	-1.20	0.59	76.6	-0.34	0.21	143.8	-0.39	0.31	19.1	-0.41	0.28	
NYYNB4	158.0	0.53	0.18	92.5	0.98	0.04	163.9	1.08	0.05	21.3	0.58	0.24	
Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
SRB2505				SRB2506			SRB2507			SRB2508			
Grand Median	148.7			80.7			149.1			20.0			
Median Abs Dev	9.3			8.6			7.6			0.9			
Avg Within Lab SD	1.4			2.7			4.7			0.5			
Labs Included	9			9			9			9			
Labs Reporting	9			9			9			9			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PH (SubTestCode 301)

Data units:

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	7.80	-0.94	0.00	7.87	-0.80	0.00	8.00	-0.98	
4NPE46	7.94	-0.29	0.11	8.03	0.00	0.16	8.22	0.74	0.27
78ECH3	8.08	0.36	0.00	8.12	0.43	0.24	8.20	0.58	0.80
8AJAKH	7.93	-0.32	0.65	8.03	0.02	0.90	8.10	-0.19	0.00
9N9W4E	7.11	-4.14X	1.50	7.56	-2.36	1.11	8.08	-0.34	0.47
9NV6DJ	7.99	-0.07	0.68	8.01	-0.12	1.17	8.11	-0.13	1.35
BQFQ6X	7.53	-2.19	0.78	7.87	-0.81	0.18	8.08	-0.37	0.40
BW3NPE	8.02	0.07	0.07	8.04	0.05	0.16	8.14	0.13	0.00
GWF9YP	7.90	-0.47	1.13	7.70	-1.64	0.00	8.00	-0.98	
GZGCNQ	8.04	0.19	0.46	8.18	0.75	0.41	8.29	1.30	0.36
KDA3Z7	7.97	-0.15	1.41	7.96	-0.36	1.04	8.04	-0.66	1.74
MJVU46	7.72	-1.31	0.20	7.60	-2.12	0.09	7.92	-1.62	0.35
NMQQKH	7.85	-0.69	0.53	7.85	-0.88	0.96	8.05	-0.61	0.20
NYYNB4	8.02	0.09	1.59	8.02	-0.03	2.39	8.12	0.00	2.20
Q2EYXY	8.13	0.61	0.13	8.18	0.73	0.24	8.27	1.17	0.17
Q7E99Z	8.07	0.30	0.51	8.08	0.25	0.56	8.15	0.24	0.27
RQB76X	7.97	-0.16	2.60	7.90	-0.65	2.71	8.07	-0.45	2.66
RTJECX	8.46	2.13	0.00	8.31	1.39	0.00	8.33	1.64	0.00
U6NALD	7.60	-1.86	0.00	7.83	-0.98	0.90	8.10	-0.19	0.00
V4VKZW	8.22	1.00	2.45	8.07	0.22	1.37	8.20	0.58	1.41
WUHVUB	8.13	0.59	0.12	8.10	0.34	0.10	8.23	0.81	0.05
YMELLA	8.10	0.44	0.90	8.11	0.41	0.79	8.20	0.64	0.53
ZDLVE8	8.13	0.61	0.52	8.07	0.18	0.71	8.27	1.17	0.70



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

PH (SubTestCode 301)

Data units:

	SRW2504	SRW2505	SRW2506
Grand Median	8.00	8.03	8.12
Median Abs Dev	0.10	0.09	0.08
Avg Within Lab SD	0.09	0.06	0.06
Labs Included	22	23	23
Labs Reporting	23	23	23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.29	-1.54	0.11	0.20	-1.53	0.00	0.45	-1.62	0.12
4NPE46	0.30	-1.35	0.41	0.20	-1.71	1.00	0.45	-1.60	0.69
78ECH3	0.32	0.47	0.41	0.21	0.14	0.00	0.48	0.43	0.69
8AJAKH	0.31	0.29	0.15	0.21	0.18	0.26	0.48	0.39	0.38
9N9W4E	0.31	-0.35	0.04	0.20	-0.60	0.05	0.48	0.04	0.18
9NV6DJ	0.31	-0.35	0.41	0.21	-0.14	0.52	0.47	-0.58	0.45
BQFQ6X	0.33	1.32	0.12	0.21	0.42	0.30	0.49	0.62	0.21
BW3NPE	0.31	0.31	0.02	0.21	0.37	0.01	0.47	-0.14	0.01
GWF9YP	0.31	-0.14	0.00	0.21	0.14	0.00	0.48	0.21	0.00
GZGCNQ	0.31	-0.17	0.04	0.21	-0.28	0.00	0.48	-0.04	0.07
KDA3Z7	0.27	-3.91X	0.29	0.18	-4.27X	0.29	0.43	-3.46X	0.12
MJVU46	0.30	-1.26	0.18	0.18	-3.84	0.55	0.45	-1.83	0.24
NMQQKH	0.31	0.14	0.12	0.21	-0.18	0.36	0.47	-0.15	0.56
NYYNB4	0.34	2.42	4.10	0.20	-0.88	0.50	0.46	-0.97	0.68
Q2EYXY	0.32	0.78	0.71	0.21	0.60	1.99	0.48	0.21	1.19
Q7E99Z	0.31	-0.23	0.03	0.21	-0.55	0.04	0.47	-0.30	0.10
RQB76X	0.31	-0.14	1.24	0.21	-0.32	2.63	0.49	0.66	3.83
RTJECX	169.73	459.01X	24.68	199.23	613.84X	984.04	528.27	809.61X	247.24
U6NALD	0.33	1.69	0.71	0.21	0.60	2.63	0.51	2.24	1.19
V4VKZW	309.00	167.87X	71.36	210.00	107.67X	172.50	469.67	833.70X	182.06
WUHVUB	0.31	0.25	0.05	0.21	0.56	0.01	0.46	-0.92	0.21
YMELLA	0.31	-0.14	0.00	0.21	0.14	0.00	0.48	0.21	0.00
ZDLVE8	0.31	0.17	0.16	0.21	0.32	0.20	0.48	0.32	0.45



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

EC (SubTestCode 302)				Data units: dS/m
	SRW2504	SRW2505	SRW2506	
Grand Median	0.31	0.21	0.48	
Median Abs Dev	0.00	0.00	0.01	
Avg Within Lab SD	0.01	0.01	0.01	
Labs Included	20	20	20	
Labs Reporting	23	23	23	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	2.78	0.11	0.10	1.75	0.12	0.02	2.29	0.00	0.02
4NPE46	2.51	-0.75	0.62	1.54	-0.75	0.54	2.06	-1.02	2.06
78ECH3	2.37	-1.21	0.83	1.50	-0.94		2.03	-1.15	0.84
8AJAKH	3.18	1.37	1.82	1.97	1.12	1.32	2.59	1.28	0.99
9N9W4E	2.77	0.08	0.34	1.73	0.04	0.10	2.30	0.02	0.06
9NV6DJ	2.51	-0.76	1.67	1.45	-1.14	1.91	2.36	0.30	1.77
BQFQ6X	2.22	-1.67	0.00	1.30	-1.82	0.30	1.86	-1.91	0.25
GWF9YP	2.82	0.23	0.00	1.78	0.29	0.00	2.32	0.11	0.00
GZGCNQ	2.66	-0.27	0.07	1.66	-0.25	0.31	2.15	-0.63	0.02
KDA3Z7	2.79	0.13	0.96	1.71	-0.04	1.58	2.30	0.01	0.80
MJVU46	53.79	161.96X	9.79	34.65	142.76X	2.21	44.06	183.44X	10.37
NMQQKH	2.95	0.65	0.80	1.82	0.45	0.61	2.36	0.27	0.30
NYYNB4	2.72	-0.08	0.69	1.71	-0.02	1.49	2.20	-0.40	0.97
Q2EYXY	2.96	0.68	0.29	1.91	0.84	0.26	2.44	0.64	0.53
Q7E99Z	2.74	-0.02	0.72	1.72	0.00	0.75	2.18	-0.49	1.12
RQB76X	2.75	0.00	2.88	1.78	0.29	2.55	2.29	-0.03	2.13
RTJECX	2.50	-0.77	0.82	1.60	-0.52	0.22	2.18	-0.50	0.43
U6NALD	2.29	-1.44	0.44	1.25	-2.04	0.15	1.82	-2.07	0.17
V4VKZW	2.56	-0.60	0.11	1.57	-0.63	0.43	2.09	-0.91	0.15
WUHVUB	3.24	1.56	0.61	1.95	1.01	0.35	2.52	0.98	1.17
YMELLA	3.14	1.25	1.12	1.97	1.10	0.52	2.50	0.90	1.46
ZDLVE8	2.92	0.55	0.52	1.89	0.75	1.13	2.42	0.54	0.61



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	2.75	1.72	2.29
Median Abs Dev	0.20	0.15	0.12
Avg Within Lab SD	0.07	0.04	0.07
Labs Included	21	21	21
Labs Reporting	22	22	22



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.33	-0.01	0.02	0.19	-0.02	0.01	1.49	0.38	0.16
4NPE46	0.39	1.16	0.24	0.22	0.75	0.00	1.63	1.53	1.01
78ECH3	0.40	1.45	0.00	0.20	0.19	0.00	1.30	-1.25	0.00
8AJAKH	0.41	1.75	0.40	0.24	1.37	0.53	1.76	2.58	2.31
9N9W4E	0.33	0.00	0.33	0.19	0.00	0.08	1.40	-0.43	0.20
9NV6DJ	0.30	-0.83	4.02	0.15	-1.10	3.93	1.02	-3.63X	6.90
BQFQ6X	0.33	-0.02	0.48	0.17	-0.64	0.00	1.41	-0.29	0.44
GWF9YP	0.39	1.25	0.00	0.16	-0.79	0.00	1.56	0.97	0.00
GZGCNQ	0.32	-0.29	0.02	0.18	-0.29	0.12	1.39	-0.45	0.04
KDA3Z7	0.31	-0.44	0.30	0.16	-0.86	0.55	1.48	0.28	0.31
MJVU46	4.26	86.63X	1.98	2.56	65.74X	2.76	17.50	135.04X	8.41
NMQQKH	0.34	0.04	0.23	0.17	-0.53	0.22	1.57	1.05	0.18
NYYNB4	0.33	-0.16	0.19	0.19	-0.18	0.36	1.41	-0.30	1.63
Q2EYXY	0.33	-0.10	0.42	0.19	0.01	1.17	1.46	0.07	0.58
Q7E99Z	0.41	1.67	0.00	0.25	1.58		1.40	-0.41	0.00
RQB76X	0.34	0.13	1.51	0.19	0.01	1.17	1.45	0.04	2.44
RTJECX	0.32	-0.23	0.65	0.19	0.00	0.28	1.42	-0.21	0.17
U6NALD	0.30	-0.83	0.87	0.15	-1.19	0.00	1.36	-0.72	1.44
V4VKZW	0.29	-0.97	0.09	0.14	-1.45	0.39	1.44	-0.04	0.96
WUHVUB	0.36	0.58	0.38	0.22	0.78	0.66	1.44	-0.07	0.22
YMELLA	0.36	0.57	0.42	0.20	0.29	0.32	1.64	1.58	0.79
ZDLVE8	0.41	1.69	0.32	0.27	2.13	0.55	1.55	0.83	0.79



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.33	0.19	1.45
Median Abs Dev	0.03	0.02	0.05
Avg Within Lab SD	0.02	0.01	0.03
Labs Included	21	21	20
Labs Reporting	22	22	22



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.30	0.28	0.03	0.29	0.40	0.12	1.30	0.48	0.03
4NPE46	0.28	-0.36	0.83	0.27	-0.05	0.72	1.25	0.06	0.17
78ECH3	0.30	0.36	0.00	0.20	-2.07	0.00	1.07	-1.60	0.38
8AJAKH	0.37	3.05X	0.96	0.32	1.33	1.04	1.61	3.32X	0.28
9N9W4E	0.28	-0.26	0.51	0.27	-0.14	0.21	1.21	-0.27	0.03
9NV6DJ	0.30	0.48	1.27	0.28	0.05	1.89	1.31	0.60	0.73
BQFQ6X	0.30	0.24	0.48	0.29	0.32	0.72	0.93	-2.86	4.35
BW3NPE	0.25	-1.58	0.09	0.25	-0.60	0.09	0.12	-10.11X	0.00
GWF9YP	0.30	0.52	0.00	0.26	-0.39	0.00	1.22	-0.23	0.00
GZGCNQ	0.27	-0.59	0.13	0.26	-0.36	0.12	1.20	-0.35	0.03
KDA3Z7	0.23	-2.05	2.41	0.20	-2.20	1.31	1.24	-0.06	0.06
MJVU46	4.09	136.61X	29.49	3.83	98.07X	9.36	35.51	309.69X	2.68
NMQQKH	0.30	0.50	0.40	0.30	0.55	0.14	1.38	1.26	0.08
NYYNB4	0.31	0.87	0.43	0.30	0.70	1.15	1.30	0.48	0.19
Q2EYXY	0.31	0.72	0.83	0.32	1.15	1.89	1.32	0.66	0.14
Q7E99Z	0.27	-0.60	1.93	0.26	-0.41	0.00	1.22	-0.21	0.00
RQB76X	0.28	-0.24	1.74	0.28	0.23	1.43	1.26	0.12	0.46
RTJECX	0.31	0.74	0.13	0.30	0.71	0.14	1.34	0.85	0.04
U6NALD	0.25	-1.32	0.48	0.24	-0.97	0.00	1.18	-0.57	0.11
V4VKZW	0.27	-0.73	0.54	0.26	-0.30	0.87	1.21	-0.33	0.04
WUHVUB	0.42	4.51X	1.68	0.31	0.96	2.02	1.09	-1.43	0.24
YMELLA	0.27	-0.72	1.67	0.26	-0.51	1.47	1.33	0.75	0.20
ZDLVE8	0.30	0.32	0.51	0.29	0.45	0.75	1.28	0.30	0.15



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.29	0.28	1.24
Median Abs Dev	0.02	0.02	0.05
Avg Within Lab SD	0.01	0.01	0.15
Labs Included	20	22	20
Labs Reporting	23	23	23



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.021	0.00	0.02	0.064	0.37	0.07	0.163	0.58	0.10
4NPE46	0.013	-0.43	0.30	0.053	-0.15	2.20	0.147	-0.11	1.16
78ECH3	0.027	0.32	0.30	0.063	0.33	1.10	0.157	0.30	1.16
8AJAKH	0.037	0.88	0.11	0.091	1.66	0.61	0.091	-2.41	0.64
9N9W4E	0.017	-0.21	0.06	0.056	-0.01	0.11	0.149	0.00	0.12
BQFQ6X	0.010	-0.62	0.00	0.060	0.17	0.00	0.160	0.44	0.00
BW3NPE	0.015	-0.32	0.00	0.060	0.16	0.03	0.156	0.27	0.09
GWF9YP	0.026	0.26	0.00	0.051	-0.26	0.00	0.153	0.17	0.00
GZGCNQ	0.016	-0.30	0.03	0.057	0.01	0.11	0.147	-0.08	0.12
KDA3Z7	0.051	1.71	3.96	0.029	-1.33	1.95	0.115	-1.40	1.57
MJVU46	1.500	83.11X	4.20	2.833	134.14X	14.56	5.917	237.71X	20.29
NMQQKH				0.041	-0.73	0.35	0.143	-0.28	0.08
NYYNB4	0.024	0.20	0.20	0.080	1.13	0.43	0.184	1.42	0.92
Q2EYXY				0.030	-1.28	0.00	0.130	-0.80	0.00
Q7E99Z	0.037	0.88	0.59	0.030	-1.28	0.00	0.043	-4.37X	2.33
RQB76X	0.013	-0.43	0.30	0.050	-0.31	1.91	0.133	-0.66	2.33
RTJECX	0.002	-1.05	0.04	0.044	-0.60	1.06	0.148	-0.06	0.39
U6NALD	0.012	-0.51	0.00	0.041	-0.73	0.11	0.122	-1.14	0.12
V4VKZW	0.063	2.38	0.78	0.104	2.29	2.12	0.192	1.76	2.22
WUHVUB	0.038	0.98	0.21	0.065	0.42	0.12	0.167	0.72	1.31
ZDLVE8				0.062	0.27	0.38	0.155	0.23	0.53



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.021	0.057	0.15
Median Abs Dev	0.008	0.008	0.01
Avg Within Lab SD	0.020	0.005	0.00
Labs Included	17	20	19
Labs Reporting	18	21	21



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	0.001	-0.89	0.00	0.002	-0.11	0.00	0.001	-1.12	0.00	
4NPE46	0.010	0.00	0.00				0.010	0.00	0.00	
9N9W4E	0.028	1.78	1.42	0.023	0.14	0.09	0.023	1.66	1.05	
GWF9YP	0.011	0.11	0.00	0.011	0.00	0.00	0.011	0.13	0.00	
NMQQKH	0.284	27.03X	18.71	0.278	3.05	2.23	0.305	36.69X	21.37	
NYYNB4	0.004	-0.60	1.73	0.005	-0.07	0.20	0.006	-0.46	1.98	

NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	0.010			0.011			0.010			
Median Abs Dev	0.006			0.009			0.004			
Avg Within Lab SD	0.003			0.028			0.002			
Labs Included	5			5			5			
Labs Reporting	6			5			6			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	3.43	0.31	0.08	2.29	0.31	0.04	5.25	0.51	0.08	
4NPE46	3.20	-0.49	0.39	2.09	-0.41	0.65	5.10	0.00	1.06	
BQFQ6X	2.86	-1.65	0.19	1.81	-1.40	0.10	4.74	-1.24	0.22	
NMQQKH	3.59	0.84	0.72	2.33	0.44	0.51	5.46	1.23	0.23	
NYYNB4	3.39	0.17	0.63	2.28	0.28	1.32	5.10	0.00	1.11	
RQB76X	3.38	0.14	2.57	2.32	0.39	2.29	5.12	0.08	2.14	
RTJECX	3.30	-0.14	0.50	2.13	-0.28	0.55	5.04	-0.21	0.91	
U6NALD	2.86	-1.66	0.13	1.68	-1.89	0.10	4.49	-2.12	0.39	

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	3.34			2.21			5.10			
Median Abs Dev	0.12			0.11			0.10			
Avg Within Lab SD	0.09			0.06			0.13			
Labs Included	8			8			8			
Labs Reporting	8			8			8			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SAR (SubTestCode 309) in the Cations Property Groups										Data units:
	SRW2504			SRW2505			SRW2506			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	0.24	-0.12	0.04	0.29	0.11	0.13	0.94	0.18	0.07	
78ECH3	0.30	1.77	0.00	0.20	-1.79	0.00	0.87	-0.91	1.50	
9NV6DJ	0.25	0.12	1.86	0.31	0.49	2.28	1.00	1.07	1.73	
BQFQ6X	0.27	0.74	0.43	0.34	0.96	0.63	1.02	1.37	0.15	
Q7E99Z	0.22	-0.70	1.28	0.26	-0.58	0.00	0.91	-0.33	0.40	
RQB76X	0.22	-0.60	0.85	0.28	-0.11	0.63	0.92	-0.18	0.75	
SAR (SubTestCode 309) in the Cations Property Groups										Data units:
	SRW2504			SRW2505			SRW2506			
Grand Median	0.24			0.29			0.93			
Median Abs Dev	0.02			0.03			0.04			
Avg Within Lab SD	0.01			0.01			0.04			
Labs Included	6			6			6			
Labs Reporting	6			6			6			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
SRW2504				SRW2505			SRW2506			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
78ECH3	0.30		0.00	0.20		0.00	0.97		0.93	
RQB76X	0.42		1.41	0.43		1.41	1.82		1.07	

Adj-SAR (SubTestCode 310) in the Cations Property Groups				Data units:
	SRW2504	SRW2505	SRW2506	
Grand Median	0.36	0.32	1.39	
Median Abs Dev				
Avg Within Lab SD	0.02	0.01	0.06	
Labs Included	2	2	2	
Labs Reporting	2	2	2	



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

HCO3 (SubTestCode 311) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	2.87	0.09	0.00	2.08	0.34	0.00	3.49	0.39	0.00	
4NPE46	2.70	-0.66	0.00	2.00	-0.29		3.40	0.00	0.00	
78ECH3	3.07	0.96	2.61	2.13	0.76	2.26	3.73	1.43	2.19	
8AJAKH	2.93	0.37	0.98	2.10	0.52	0.67	3.59	0.81	0.31	
9N9W4E	2.86	0.06	0.06	2.03	-0.08	0.11	3.27	-0.56	0.52	
9NV6DJ	2.86	0.06	1.51	2.03	-0.08	1.96	3.36	-0.17	1.43	
BQFQ6X	2.84	-0.06	0.26	2.05	0.08	0.23	3.48	0.36	0.22	
GWF9YP	2.49	-1.59	0.00	2.05	0.09	0.00	3.36	-0.17	0.00	
KDA3Z7	2.99	0.62	0.62	2.14	0.82	0.22	3.59	0.80	0.67	
NMQQKH	2.75	-0.44	0.82	1.97	-0.54	1.60	3.35	-0.20	2.15	
NYYNB4	2.90	0.23	0.00	2.09	0.40	0.37	4.72	5.63	39.47	
Q2EYXY	2.80	-0.21	0.91	2.00	-0.26	0.49	3.44	0.16	0.48	
RQB76X	2.40	-2.01	1.29	1.70	-2.68	0.30	2.96	-1.90	0.29	
U6NALD	2.38	-2.09	0.57	1.72	-2.50	0.70	2.97	-1.83	0.58	
HCO3 (SubTestCode 311) in the Anions Property Groups										Data units: mmolc/L
	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	2.85			2.04			3.40			
Median Abs Dev	0.09			0.05			0.09			
Avg Within Lab SD	0.04			0.05			0.05			
Labs Included	14			14			13			
Labs Reporting	14			14			14			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

SRW2504				SRW2505				SRW2506			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score	
9N9W4E								0.231		1.04	
9NV6DJ	0.063		1.41	0.043		1.41		0.117		1.39	
GWF9YP	0.003		0.00	0.003		0.00		0.003		0.00	

CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

SRW2504		SRW2505		SRW2506	
Grand Median	0.033		0.023		0.12
Median Abs Dev					
Avg Within Lab SD	0.011		0.008		0.02
Labs Included	2		2		3
Labs Reporting	2		2		3



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.367	1.18	0.00	0.113	0.93	0.00	0.429	0.62	0.00
4NPE46	0.313	0.00	0.26	0.060	-0.42	0.00	0.390	-0.07	0.00
78ECH3	0.400	1.91	1.80	0.107	0.77	2.25	0.420	0.46	1.90
8AJAKH	0.274	-0.88	0.03	0.076	0.00	0.00	0.329	-1.15	0.10
9N9W4E	0.312	-0.04	0.09	0.066	-0.27	0.09	0.442	0.85	0.11
9NV6DJ	0.293	-0.44	2.71	0.133	1.44	1.80	0.323	-1.25	2.56
BQFQ6X	0.297	-0.37	1.04	0.093	0.43	0.90	0.397	0.05	0.37
GWF9YP	0.282	-0.69	0.00	0.085	0.21	0.00	0.465	1.27	0.00
GZGCNQ	0.318	0.10	0.09	0.060	-0.41	0.12	0.382	-0.22	0.18
MJVU46	0.527	4.70X	1.13	0.493	10.57X	0.45	0.480	1.53	1.10
NMQQKH	0.323	0.22	1.06	0.043	-0.85	0.62	0.391	-0.05	0.98
NYYNB4	0.294	-0.43	1.08	0.049	-0.70	1.51	0.340	-0.95	0.78
Q2EYXY	0.180	-2.94X	0.90				0.233	-2.85X	1.32
Q7E99Z	0.387	1.62	0.26	0.140	1.61	0.00	0.447	0.94	0.73
RQB76X	0.303	-0.22	0.26	0.050	-0.67	0.00	0.373	-0.37	0.37
RTJECX	0.299	-0.32	0.23	0.062	-0.37	0.00	0.363	-0.55	1.34
U6NALD	0.320	0.15	0.00	0.060	-0.42	0.00	0.380	-0.25	0.00
V4VKZW	0.366	1.16	1.26	0.141	1.63	2.23	0.413	0.33	1.02
WUHVUB	0.346	0.72	1.55	0.042	-0.88	1.48	0.408	0.26	1.42
YMELLA	0.250	-1.40	0.45	0.101	0.62	0.14	0.310	-1.49	0.63
ZDLVE8	0.358	0.98	0.74	0.084	0.20	0.09	0.441	0.83	0.96



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cl (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.31	0.076	0.39
Median Abs Dev	0.02	0.025	0.03
Avg Within Lab SD	0.02	0.013	0.02
Labs Included	19	19	20
Labs Reporting	21	20	21



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.024	-0.07	0.00	0.001	-0.60	0.00	0.301	-0.34	0.00
4NPE46	0.030	0.29	0.00				0.340	0.15	0.00
78ECH3	0.020	-0.35	0.00				0.307	-0.27	0.38
8AJAKH	0.045	1.24	0.05	0.024	0.93	0.00	0.318	-0.13	0.00
9N9W4E	0.030	0.29	1.21	0.009	-0.07	0.30	0.354	0.32	0.37
BQFQ6X	0.087	3.89	3.58	0.073	4.19	3.44	0.377	0.61	3.04
BW3NPE	0.011	-0.90	0.03	0.001	-0.63	0.00	0.083	-3.08	0.03
GWF9YP	0.021	-0.26	0.00	0.014	0.28	0.00	0.007	-4.04	0.00
GZGCNQ	0.024	-0.07	0.09				0.341	0.16	0.04
KDA3Z7	0.315	18.38X	1.92	0.211	13.27X	3.38	0.949	7.80X	1.65
NMQQKH	0.027	0.09	0.48	0.000	-0.63	0.13	0.386	0.73	1.21
NYYNB4	0.018	-0.45	0.17	0.001	-0.60	0.00	0.304	-0.31	0.80
Q2EYXY	0.093	4.31X	0.89				1.097	9.66X	2.12
Q7E99Z	0.010	-0.99	0.00	0.010	0.00	0.00	0.330	0.02	1.74
RQB76X	0.020	-0.35	0.00				0.327	-0.02	0.38
RTJECX	1.835	114.96X	14.00	0.340	21.85X	30.55	21.360	264.52X	86.62
U6NALD	0.030	0.29	0.00	0.010	0.00	0.00	0.330	0.02	0.66
V4VKZW	0.253	14.43X	4.41	0.182	11.40X	22.70	1.423	13.77X	6.26
WUHVUB	0.044	1.21	0.83	0.013	0.18	0.22	0.364	0.44	0.41
YMELLA	0.027	0.07	0.89	0.010	0.00	0.00	0.317	-0.15	0.76

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.026	0.010	0.33
Median Abs Dev	0.005	0.007	0.02
Avg Within Lab SD	0.006	0.003	0.02
Labs Included	16	12	16
Labs Reporting	20	15	20



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.017	-0.08	0.02	0.065	0.32	0.05	0.688	0.24	0.03
4NPE46	0.020	0.08	0.00	0.073	1.59	0.99	0.697	0.51	1.91
78ECH3	0.017	-0.08	0.40	0.060	-0.53	0.00	0.660	-0.57	1.31
BQFQ6X	0.020	0.08	0.00	0.067	0.53	0.99	0.677	-0.08	0.44
GWF9YP	0.063	2.00		0.063	-0.13		0.688	0.24	
GZGCNQ	0.006	-0.56	0.07	0.010	-8.53X	0.69	0.644	-1.02	0.03
NMQQKH	0.011	-0.33	0.03	0.071	1.30	0.22	0.736	1.65	0.47
NYYNB4	0.056	1.72	3.22	0.089	4.13X	5.36	0.666	-0.38	1.20
Q7E99Z	0.060	1.89	0.00	0.060	-0.53	0.00	0.500	-5.25X	
RQB76X	0.010	-0.38	0.00	0.053	-1.59	0.99	0.650	-0.86	0.00
U6NALD	0.010	-0.38	0.00	0.060	-0.53	0.00	0.733	1.58	1.16
V4VKZW							0.630	-1.43	1.36
YMELLA	0.030	0.53	0.70	0.063	0.00	2.62	0.687	0.21	1.16
ZDLVE8				0.066	0.37	0.36	0.679	0.00	0.52

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.018	0.063	0.68
Median Abs Dev	0.008	0.003	0.02
Avg Within Lab SD	0.014	0.006	0.01
Labs Included	12	11	13
Labs Reporting	12	13	14



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3DWDAP	3.28	0.29	0.01	2.26	0.44	0.01	4.91	0.15	0.01	
4NPE46	3.06	-0.32	0.13	2.13	-0.18	0.15	4.83	-0.14	0.43	
BQFQ6X	3.24	0.18	0.76	2.28	0.54	0.44	4.93	0.24	0.40	
NMQQKH	3.11	-0.18	1.25	2.08	-0.42	2.28	4.87	0.00	1.62	
NYYNB4	3.27	0.27	1.51	2.23	0.28	1.23	6.03	4.20X	35.28	
RQB76X	2.73	-1.25	1.29	1.80	-1.79	0.29	4.31	-2.01	0.51	
RTJECX	3.76	1.66	1.21	2.21	0.18	0.36	5.01	0.54	1.89	
U6NALD	2.73	-1.25	0.67	1.85	-1.56	0.92	4.41	-1.64	0.43	

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW2504			SRW2505			SRW2506			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	3.18			2.17			4.87			
Median Abs Dev	0.11			0.09			0.07			
Avg Within Lab SD	0.05			0.04			0.06			
Labs Included	8			8			7			
Labs Reporting	8			8			8			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups

Data units:

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.16	0.04	0.07	0.03	-0.36	0.02	0.34	0.21	0.01
NMQQKH	0.48	0.91	0.67	0.25	0.58	1.25	0.59	0.60	0.08
NYYNB4	0.12	-0.05	1.20	0.06	-0.26	1.41	-0.92	-1.78	2.42
RQB76X	0.65	1.38	1.95	0.51	1.74	1.51	0.82	0.96	0.36
RTJECX	-0.46	-1.62	0.45	-0.08	-0.85	0.23	0.03	-0.29	0.01
U6NALD	0.13	-0.04	0.30	0.17	0.26	0.37	0.07	-0.21	0.07

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups

Data units:

	SRW2504	SRW2505	SRW2506
Grand Median	0.14	0.12	0.21
Median Abs Dev	0.18	0.11	0.28
Avg Within Lab SD	0.11	0.09	0.86
Labs Included	6	6	6
Labs Reporting	6	6	6



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.020	-0.03	0.13	0.013	0.00	0.12	0.109	0.23	0.00
78ECH3	0.020	0.00	0.00	0.030	1.24	0.00	0.120	0.80	1.76
9N9W4E	0.019	-0.11	0.26	0.011	-0.14	0.12	0.108	0.17	0.18
GWF9YP	0.020	0.00	0.00	0.010	-0.19	0.00	0.080	-1.30	0.00
GZGCNQ	0.017	-0.25	0.00	0.010	-0.17	0.25	0.097	-0.40	0.00
KDA3Z7	0.057	3.08	1.86	0.049	2.64	2.88	0.130	1.35	1.03
MJVU46	0.050	2.47	2.25	0.047	2.44	1.23	0.127	1.15	1.02
NMQQKH	0.024	0.34	0.19	0.021	0.56	0.40	0.106	0.09	0.20
NYYNB4	0.020	-0.03	0.19	0.012	-0.03	0.13	0.103	-0.09	0.58
Q7E99Z	0.020	0.00	0.00	0.020	0.53	0.00	0.020	-4.45	0.00
RTJECX	0.018	-0.17	0.81	0.012	-0.05	1.18	0.103	-0.09	1.27
WUHVUB	0.035	1.22	1.82	0.021	0.58	1.25	0.073	-1.66	1.29
YMELLA	0.007	-1.07	0.59	0.010	-0.19	0.00	0.090	-0.77	1.76

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.020	0.013	0.10
Median Abs Dev	0.002	0.003	0.01
Avg Within Lab SD	0.004	0.005	0.01
Labs Included	13	13	12
Labs Reporting	13	13	13



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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

Data units: mg/L

SRW2504				SRW2505				SRW2506			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
BW3NPE	0.008		0.01	0.040		0.19	0.030		0.14		
WUHVUB	0.637		1.41	0.027		1.40	0.017		1.41		

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

Data units: mg/L

SRW2504				SRW2505				SRW2506			
Grand Median	0.32			0.033				0.023			
Median Abs Dev											
Avg Within Lab SD	0.04			0.007				0.002			
Labs Included	2			2				2			
Labs Reporting	2			2				2			



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025

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

Data units: mg/L

WebCode	SRW2504			SRW2505			SRW2506		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3DWDAP	0.026	0.06	0.55	0.026	0.00	0.36	0.005	-0.16	0.08
9N9W4E	0.011	-0.35	0.15	0.013	-0.39	0.14	0.007	-0.15	0.05
GZGCNQ	0.008	-0.41	0.15	0.006	-0.59	0.22			
KDA3Z7	0.419	10.83X	12.31	0.442	12.30X	3.90	0.453	2.40	2.03
MJVU46	0.117	2.55	1.52	0.090	1.88	0.00	0.150	0.67	0.81
RTJECX	0.023	0.00	1.52	0.043	0.50	2.19	0.033	0.00	0.47

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

Data units: mg/L

	SRW2504	SRW2505	SRW2506
Grand Median	0.023	0.026	0.033
Median Abs Dev	0.013	0.017	0.028
Avg Within Lab SD	0.004	0.007	0.012
Labs Included	5	5	5
Labs Reporting	6	6	5



ALP Program - Participant Web Summary Report - Cycle 57 - Summer 2025