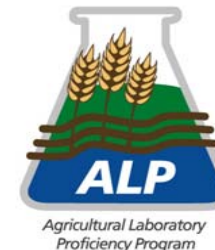


# ALP Program

## 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 2017 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Summer 2017 (Cycle 33) was completed in August 2017, with participation by 103 labs from the United States, Canada, Guatemala, South Africa, Italy, Ukraine, Honduras, 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 used for the soils program were: SRS1706 a Fuquay loamy sand collected from Crisp Cty, GA; SRS1707 a Colton loamy fine sand collected from Cheshire Cty, VT; SRS1708 a clay loam collected from Arcola, SK CANADA; SRS1709 a Goulding-Toomes sandy loam collected from Sonoma Cty, CA; and SRS1710 a Thurman sandy loam collected from Nobles Cty, MN. Standard Reference Botanical (SRB) materials were: SRB1705 asparagus composite from MEXICO; SRB1706 basil leaf composite from CO; SRB1707 corn leaves from IA and SRB1708 potato petiole from WA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1704 a canal in CA, SRW1705 water source in WY, and SRW1706 water source in CO.

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 4 reported results.

#### Web Summary Report Table of Contents

1	Cover page
2	Special Topics
6	Soil Analyses
138	Botanicals Analyses
195	Water Analyses





### Discussion of Statistics in ALP Reports

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

#### **Laboratory Statistics:**

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

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

#### **Consensus Statistics:**

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

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

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

continued on the following page



Discussion of Statistics in ALP Reports

**Performance Statistics:**

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

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

$$\text{WithinLab Performance} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}} \qquad \text{Laboratory-Sample Bias} = \frac{(\text{laboratory mean} - \text{Grand Median})}{\text{M.A.D.}}$$

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.

$$\text{k Score} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}} \qquad \text{Z Score} = \frac{(\text{laboratory mean} - \text{Grand Median})}{1.48(\text{M.A.D.})}$$



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)
k Score	laboratory standard deviation divided by the Within Lab Average STD

**Consensus Results**

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



### Choosing the Statistics Used

In this report and the Individual Performance Analysis Report, ALP participants should note that CTS has used means and medians to calculate averages, as well as standard deviations and Median Absolute Deviation (M.A.D.) to estimate dispersion about these averages. The use of multiple averages and multiple measures of dispersion has the potential to lead to confusion. This note is intended to explain the rationale behind the choice of statistics used. **As a guideline, we have chosen means and standard deviations to describe within laboratory measures and the median and M.A.D. to describe between laboratory measures.**

#### **Why did we decide this?**

This decision is based upon the assumption that within each laboratory there measurement process is "in-control." If one of the triplicate determinations was very different from the other results, it would likely be discarded as an outlier and the sample tested again. Additionally, laboratories use training, maintenance, calibration and check samples to produce reliable results based on a historical perspective. Because of these two factors, absence of outliers and relative consistency, the assumption is made that the results will be normally distributed. Although in reality this is often not true, it is the conventional practice. Mean and standard deviations provide good estimates of value and dispersion in this case.

On the other hand, we have not made this same "in-control" assumption about the between laboratory comparisons. As a result, we have chosen more robust estimators of value and dispersion. In many cases, the median will be less affected by outliers than the mean when dealing with a small number of measurements. Similarly, the average difference and the M.A.D. will often yield more accurate estimates of dispersion than the standard deviation when dealing with a "flawed sample." Here the term flawed sample refers to a group of measurements that differs from the idealized normal distribution. Moreover, the M.A.D. will also make the dispersion estimate less susceptible to outliers than the use of standard deviations. Unlike the M.A.D., a standard deviation emphasizes larger deviations by the squaring of the difference.



The choice of statistics used is not the only choice that may be made, nor were the presented statistics the only ones calculated for the Demonstration Round. CTS, in conjunction with Dr. Miller, chose the measures used in the report based on the utility the measures provide to the participants. We will continue to evaluate our statistical choices and make changes to provide the best tools for evaluating your laboratory's measurement performance. However we will balance this need with our ongoing commitment to simplicity of interpretation.



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>62PGXK</b>	<b>27.7</b>	0.3	0.3	<b>36.7</b>	-0.2	0.5	<b>42.7</b>	-0.3	0.2	<b>41.0</b>	-0.5	0.2	<b>41.7</b>	0.0	0.2	
<b>7AAAGU</b>	<b>28.0</b>	0.4	1.0	<b>39.0</b>	0.3	0.8	<b>46.3</b>	0.1	0.4	<b>43.3</b>	-0.4	0.3	<b>43.0</b>	0.2		
<b>8HMNYQ</b>	<b>20.0</b>	-1.9	0.0	<b>32.4</b>	-1.2	0.1	<b>52.9</b>	0.9	0.2	<b>49.9</b>	0.0	0.0	<b>33.5</b>	-1.5	0.0	
<b>AJP7AQ</b>	<b>31.2</b>	1.3	3.6	<b>44.0</b>	1.4	3.1	<b>51.2</b>	0.7	4.1	<b>71.3</b>	1.4	4.0	<b>45.9</b>	0.7	4.0	
<b>B4RBDQ</b>	<b>25.2</b>	-0.5	0.0	<b>37.7</b>	0.0	0.0	<b>51.6</b>	0.7	0.0	<b>80.1</b>	1.9	0.0	<b>43.3</b>	0.3	0.0	
<b>C932XC</b>	<b>26.8</b>	0.0	0.4	<b>43.7</b>	1.3	1.4	<b>59.9</b>	1.8	0.3	<b>71.1</b>	1.4	0.1	<b>49.5</b>	1.4	1.3	
<b>ELYW99</b>	<b>28.7</b>	0.6	0.9	<b>39.7</b>	0.4	0.9	<b>59.0</b>	1.7	0.7	<b>72.0</b>	1.4	0.4	<b>52.3</b>	1.9	0.2	
<b>FLDNVY</b>	<b>26.6</b>	0.0	0.3	<b>38.0</b>	0.1	0.0	<b>41.6</b>	-0.5	0.4	<b>45.1</b>	-0.3	0.3	<b>40.2</b>	-0.3	0.4	
<b>HDAM7F</b>	<b>26.0</b>	-0.2		<b>41.0</b>	0.7		<b>58.0</b>	1.5		<b>89.0</b>	2.5		<b>46.0</b>	0.8		
<b>HMG4V2</b>	<b>26.5</b>	-0.1	0.4	<b>36.0</b>	-0.4	0.4	<b>39.2</b>	-0.8	0.1	<b>48.7</b>	0.0	1.6	<b>38.1</b>	-0.7	0.3	
<b>JE2Z7E</b>	<b>30.0</b>	1.0		<b>40.3</b>	0.6	0.5	<b>45.3</b>	0.0	0.2	<b>50.3</b>	0.1	0.1	<b>44.3</b>	0.5	0.2	
<b>JHJX2V</b>	<b>24.3</b>	-0.7	0.2	<b>33.3</b>	-1.0	0.5	<b>32.2</b>	-1.6	0.4	<b>56.1</b>	0.4	0.5	<b>35.6</b>	-1.1	0.0	
<b>KLXV4C</b>	<b>27.8</b>	0.3	1.3	<b>38.7</b>	0.2	0.9	<b>46.3</b>	0.1	0.5	<b>55.6</b>	0.4	0.7	<b>43.0</b>	0.2	0.7	
<b>NBPLQA</b>	<b>27.6</b>	0.3	1.1	<b>38.8</b>	0.2	0.6	<b>49.9</b>	0.5	0.4	<b>66.1</b>	1.1	0.3	<b>40.9</b>	-0.2	0.4	
<b>NNA4JD</b>	<b>28.0</b>	0.4		<b>37.7</b>	0.0	0.9	<b>47.0</b>	0.2		<b>46.0</b>	-0.2		<b>43.3</b>	0.3	0.2	
<b>NVC7PZ</b>	<b>23.7</b>	-0.9	0.7	<b>35.5</b>	-0.5	1.5	<b>42.5</b>	-0.4	1.2	<b>48.7</b>	0.0	0.4	<b>36.8</b>	-0.9	0.7	
<b>RCPNBV</b>	<b>29.0</b>	0.7	0.5	<b>37.6</b>	0.0	0.5	<b>45.0</b>	-0.1	0.4	<b>45.6</b>	-0.2	0.2	<b>41.8</b>	0.0	0.6	
<b>RQB4DV</b>	<b>25.4</b>	-0.4	0.4	<b>35.3</b>	-0.5	0.4	<b>42.7</b>	-0.3	0.4	<b>35.9</b>	-0.8	0.3	<b>40.2</b>	-0.3	0.5	
<b>U7A393</b>	<b>25.0</b>	-0.5	0.1	<b>35.0</b>	-0.6	0.3	<b>45.6</b>	0.0	0.2	<b>47.1</b>	-0.1	0.2	<b>36.0</b>	-1.0	0.1	
<b>WM898M</b>	<b>18.9</b>	-2.3	0.2	<b>28.1</b>	-2.1	1.3	<b>32.8</b>	-1.6	0.2	<b>38.1</b>	-0.7	0.5	<b>32.4</b>	-1.7	0.2	
<b>X6BTWN</b>	<b>33.3</b>	1.9	0.2	<b>49.4</b>	2.6	0.5	<b>39.7</b>	-0.7	0.3	<b>56.4</b>	0.4	0.3	<b>43.6</b>	0.3	0.0	
<b>XZCJK2</b>	<b>25.5</b>	-0.3	0.2	<b>35.8</b>	-0.4	0.7	<b>43.8</b>	-0.2	0.2	<b>42.7</b>	-0.4	0.1	<b>38.9</b>	-0.5	0.2	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	26.7	37.7	45.5	49.3	41.7	
<b>Median Abs Dev</b>	1.4	2.1	4.2	6.7	2.7	
<b>Avg Within Lab SD</b>	1.7	1.2	2.6	4.6	2.5	
<b>Labs Included</b>	22	22	22	22	22	
<b>Labs Reporting</b>	22	22	22	22	22	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>62PGXK</b>	<b>5.12</b>	-0.28	0.26	<b>4.07</b>	-0.86	1.03	<b>7.20</b>	-1.48	0.32	<b>5.36</b>	-0.30	0.37	<b>6.72</b>	-0.11	0.57	
<b>7AAAGU</b>	<b>5.13</b>	-0.24	0.38	<b>4.21</b>	0.26	2.32	<b>7.35</b>	-0.41	0.72	<b>5.73</b>	1.95	0.18	<b>6.75</b>	0.08	0.96	
<b>8HMNYQ</b>	<b>5.02</b>	-0.88	0.81	<b>3.95</b>	-1.75	0.74	<b>7.32</b>	-0.62	0.09	<b>5.30</b>	-0.67	0.31	<b>6.73</b>	-0.04	0.72	
<b>AJP7AQ</b>	<b>4.69</b>	-2.87	3.21	<b>3.94</b>	-1.88	0.94	<b>7.69</b>	1.98	3.53	<b>5.31</b>	-0.59	3.44	<b>7.43</b>	3.90	1.75	
<b>B4RBDQ</b>	<b>5.35</b>	1.11	0.00	<b>4.18</b>	0.03	0.00	<b>7.32</b>	-0.65	0.00	<b>5.12</b>	-1.76	0.00	<b>6.50</b>	-1.36		
<b>C932XC</b>	<b>5.00</b>	-1.00		<b>3.87</b>	-2.42	1.69	<b>7.40</b>	-0.07	0.00	<b>5.33</b>	-0.47	1.18	<b>6.77</b>	0.15	0.92	
<b>ELYW99</b>	<b>5.06</b>	-0.62	0.73	<b>4.18</b>	0.03	0.00	<b>7.48</b>	0.48	0.47	<b>5.38</b>	-0.18	1.58	<b>6.70</b>	-0.23	1.04	
<b>HDAM7F</b>	<b>5.13</b>	-0.22		<b>4.14</b>	-0.29		<b>7.27</b>	-1.00		<b>5.56</b>	0.91		<b>6.69</b>	-0.28		
<b>JE2Z7E</b>	<b>5.05</b>	-0.72	0.20	<b>4.06</b>	-0.94	0.34	<b>7.35</b>	-0.45	0.62	<b>5.31</b>	-0.61	0.80	<b>6.69</b>	-0.30	0.33	
<b>JHJX2V</b>	<b>4.99</b>	-1.04	0.28	<b>3.96</b>	-1.67	2.22	<b>7.47</b>	0.41	0.47	<b>5.14</b>	-1.62	0.16	<b>6.72</b>	-0.09	0.40	
<b>KLXV4C</b>	<b>5.17</b>	0.00	0.33	<b>4.13</b>	-0.34	0.61	<b>7.50</b>	0.62	0.23	<b>5.41</b>	0.00	0.37	<b>6.81</b>	0.38	0.82	
<b>M4WU6B</b>	<b>5.26</b>	0.58	1.07	<b>4.24</b>	0.47	0.45	<b>7.72</b>	2.25	0.77	<b>5.60</b>	1.18	0.51	<b>7.12</b>	2.14	1.32	
<b>NBPLQA</b>	<b>5.22</b>	0.30	0.50	<b>4.22</b>	0.31	1.03	<b>7.41</b>	0.00	1.07	<b>5.48</b>	0.43	0.10	<b>6.94</b>	1.12	0.33	
<b>NC2EMX</b>	<b>5.20</b>	0.20		<b>4.30</b>	0.96		<b>7.50</b>	0.65		<b>5.60</b>	1.16		<b>6.50</b>	-1.36		
<b>NNA4JD</b>	<b>5.25</b>	0.52	2.15	<b>4.14</b>	-0.26	0.45	<b>7.42</b>	0.05	0.88	<b>5.60</b>	1.14	1.57	<b>6.60</b>	-0.79	2.26	
<b>NVC7PZ</b>	<b>5.20</b>	0.20	0.13	<b>4.14</b>	-0.29	0.00	<b>7.36</b>	-0.36	0.15	<b>5.46</b>	0.28	0.67	<b>6.92</b>	1.04	0.24	
<b>RCPNBV</b>	<b>5.32</b>	0.92	0.53	<b>4.27</b>	0.73	0.29	<b>7.25</b>	-1.17	1.50	<b>5.48</b>	0.45	0.51	<b>6.65</b>	-0.49	1.04	
<b>REHMKN</b>	<b>5.25</b>	0.50	0.96	<b>4.21</b>	0.26	0.88	<b>7.37</b>	-0.31	1.16	<b>5.44</b>	0.18	0.18	<b>6.75</b>	0.04	1.75	
<b>RQB4DV</b>	<b>5.28</b>	0.68	0.26	<b>4.23</b>	0.39	0.17	<b>7.48</b>	0.53	0.09	<b>5.46</b>	0.30	0.54	<b>6.86</b>	0.68	0.16	
<b>U7A393</b>	<b>5.31</b>	0.88	0.31	<b>4.21</b>	0.26	0.51	<b>7.42</b>	0.05	0.35	<b>5.32</b>	-0.53	0.36	<b>6.75</b>	0.08	0.49	
<b>WM898M</b>	<b>5.40</b>	1.41	0.66	<b>4.30</b>	0.96	1.46	<b>7.25</b>	-1.15	0.77	<b>5.45</b>	0.24	0.51	<b>6.70</b>	-0.23	0.80	
<b>X6BTWN</b>	<b>5.13</b>	-0.20	0.33	<b>4.16</b>	-0.16	0.17	<b>7.51</b>	0.74	0.23	<b>5.37</b>	-0.22	0.24	<b>6.74</b>	0.00	0.42	
<b>XZCJK2</b>	<b>5.15</b>	-0.10	0.35	<b>4.18</b>	0.00	0.34	<b>7.42</b>	0.10	0.32	<b>5.35</b>	-0.34	0.12	<b>6.85</b>	0.62	0.32	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH - sp (SubTestCode 102) in the Salinity Property Groups	Data units: Unit					
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	5.17	4.18	7.41	5.41	6.74	
<b>Median Abs Dev</b>	0.10	0.04	0.07	0.08	0.05	
<b>Avg Within Lab SD</b>	0.08	0.03	0.07	0.10	0.06	
<b>Labs Included</b>	23	23	23	23	23	
<b>Labs Reporting</b>	23	23	23	23	23	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

ECe - sp (SubTestCode 103) in the Salinity Property Groups														Data units: dS/m		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
62PGXK	1.86	0.34	0.06	1.15	0.58	0.43	8.36	0.60	1.10	0.12	0.31	1.04	1.07	-0.55	0.46	
7AAAGU	1.75	-0.12	0.16	1.09	0.19	0.28	7.50	-0.13	0.15	0.13	0.50	1.20	1.30	0.60	0.51	
8HMNYQ	0.34	-6.32X	0.04	0.25	-5.70X	0.28	2.16	-4.65X	0.13	0.09	-0.19	0.35	0.46	-3.70X	0.00	
AJP7AQ	1.48	-1.32	0.79	0.93	-0.94	2.70	6.38	-1.08	1.32	0.06	-0.76	0.83	0.75	-2.20	1.82	
B4RBDQ	1.89	0.48	0.00	1.21	1.03	0.00	10.84	2.71	0.00	0.22	2.17	0.00	1.28	0.51	0.00	
C932XC	1.37	-1.82	0.27	0.84	-1.59	0.16	5.17	-2.11	0.54	0.17	1.24	3.35	0.81	-1.92	0.34	
ELYW99	1.65	-0.56	0.13	1.06	-0.01	0.35	7.28	-0.32	0.42	0.14	0.61	1.20	1.16	-0.09	0.89	
FLDNVY	1.83	0.24	0.07	1.09	0.19	0.59	8.25	0.50	1.73	0.09	-0.19	0.12	1.20	0.11	0.40	
HDAM7F	1.91	0.57		1.08	0.12		8.40	0.64		0.13	0.50		1.29	0.57		
HMG4V2	1.90	0.53	0.06	1.18	0.79	1.98	8.78	0.96	0.23	0.07	-0.56	0.30	1.38	1.05	0.51	
JE2Z7E	1.59	-0.83	0.03	0.94	-0.87	0.16	7.33	-0.27	0.35	0.08	-0.39	0.33	1.16	-0.12	0.08	
JHJX2V	2.05	1.17	0.09	1.08	0.13	0.83	8.42	0.65	0.37	0.08	-0.43	0.33	1.36	0.91	0.52	
KLXV4C	1.82	0.18	0.76	1.05	-0.07	2.13	7.37	-0.24	0.17	0.15	0.91	0.23	1.21	0.17	1.13	
M4WU6B	1.25	-2.34	0.03	0.72	-2.41	0.04	6.11	-1.31	0.18	0.14	0.77	0.20	0.87	-1.59	0.09	
NBPLQA	1.78	0.00	0.08	0.96	-0.74	0.10	7.73	0.07	0.21	0.23	2.34	0.94	1.23	0.26	0.22	
NC2EMX	1.78	0.00		0.65	-2.90		5.41	-1.90		0.19	1.62		0.92	-1.34		
NNA4JD	1.75	-0.12	0.04	1.10	0.23	0.43	7.66	0.01	0.43	0.10	0.00	0.92	1.28	0.53	0.46	
NVC7PZ	1.75	-0.13	0.15	1.14	0.54	0.28	6.97	-0.57	0.18	0.08	-0.50	0.35	0.81	-1.90	0.22	
RCPNBV	1.77	-0.06	0.09	1.09	0.16	0.33	7.35	-0.25	0.43	0.09	-0.17	0.26	1.25	0.36	0.38	
REHMKN	1.86	0.33	0.24	1.05	-0.12	1.11	7.85	0.17	2.85	0.12	0.24	1.67	1.17	-0.06	3.47	
RQB4DV	1.71	-0.32	0.29	1.06	0.00	0.91	7.65	0.00	0.57	0.10	-0.01	0.17	1.17	-0.05	1.17	
U7A393	1.85	0.32	0.02	1.13	0.47	0.84	7.75	0.09	0.23	0.07	-0.62	0.57	1.14	-0.22	0.34	
WM898M	0.52	-5.53X	0.08	0.31	-5.31X	1.15	1.97	-4.81X	1.02	0.03	-1.30	0.21	0.30	-4.53X	0.25	
X6BTWN	2.42	2.80	4.41	0.87	-1.35	0.74	8.69	0.88	2.11	0.12	0.31	1.20	1.26	0.39	0.46	
XZCJK2	1.99	0.94	0.06	1.05	-0.09	0.28	7.59	-0.05	0.89	0.09	-0.22	0.17	1.18	0.00	0.38	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	1.78	1.06	7.65	0.10	1.18	
<b>Median Abs Dev</b>	0.08	0.07	0.60	0.03	0.10	
<b>Avg Within Lab SD</b>	0.34	0.04	0.18	0.02	0.05	
<b>Labs Included</b>	23	23	23	25	23	
<b>Labs Reporting</b>	25	25	25	25	25	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.20</b>	-0.58	0.00				<b>4.60</b>	1.41	0.93	<b>0.33</b>	-0.50	0.37	<b>4.00</b>	0.98	1.12
<b>8HMNYQ</b>	<b>0.21</b>	-0.55	0.13	<b>0.06</b>	-0.50	0.16	<b>0.92</b>	-0.59	0.04	<b>0.08</b>	-1.64	0.05	<b>0.41</b>	-0.74	0.06
<b>AJP7AQ</b>	<b>0.92</b>	1.97	2.81	<b>1.60</b>	2.16		<b>5.51</b>	1.91	2.66	<b>0.67</b>	1.00	2.60	<b>4.64</b>	1.28	2.55
<b>C932XC</b>	<b>0.63</b>	0.94	0.00	<b>0.53</b>	0.31	1.91	<b>3.90</b>	1.03	0.17	<b>0.63</b>	0.85	1.01	<b>4.21</b>	1.08	0.39
<b>FLDNVY</b>	<b>0.36</b>	0.00	0.05	<b>0.05</b>	-0.50	0.57	<b>2.96</b>	0.52	0.03	<b>0.37</b>	-0.31	0.13	<b>3.76</b>	0.86	0.14
<b>NC2EMX</b>	<b>0.66</b>	1.05		<b>0.51</b>	0.29		<b>1.80</b>	-0.11		<b>0.61</b>	0.74		<b>1.10</b>	-0.41	
<b>RCPNBV</b>	<b>0.30</b>	-0.23	0.15				<b>2.01</b>	0.00	0.16	<b>0.54</b>	0.45	0.16	<b>1.75</b>	-0.10	0.19
<b>RQB4DV</b>	<b>0.44</b>	0.28	0.20	<b>0.18</b>	-0.29	0.00	<b>1.97</b>	-0.02	0.06	<b>0.44</b>	0.00	0.18	<b>1.96</b>	0.00	0.00
<b>X6BTWN</b>	<b>0.23</b>	-0.46	0.15				<b>1.14</b>	-0.47	0.07	<b>0.31</b>	-0.58	0.05	<b>0.68</b>	-0.62	0.09

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	0.36			0.34			2.01			0.44			1.96		
<b>Median Abs Dev</b>	0.15			0.24			0.96			0.13			1.55		
<b>Avg Within Lab SD</b>	0.28			0.09			1.12			0.31			0.94		
<b>Labs Included</b>	9			6			9			9			9		
<b>Labs Reporting</b>	9			6			9			9			9		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>0.56</b>	-3.79	0.29	<b>0.19</b>	-2.39	0.10	<b>5.15</b>	-2.24	0.47	<b>0.16</b>	1.02	0.48	<b>0.02</b>	-4.69X	0.33
<b>AJP7AQ</b>	<b>1.26</b>	-1.43	1.90	<b>0.83</b>	5.01X	7.40	<b>6.67</b>	-1.19	0.35	<b>0.28</b>	2.16	3.23	<b>0.28</b>	0.43	3.39
<b>B4RBDQ</b>	<b>1.80</b>	0.41	0.00	<b>0.43</b>	0.42	0.00	<b>10.13</b>	1.18	0.00	<b>0.08</b>	0.18	0.00	<b>0.29</b>	0.55	0.00
<b>C932XC</b>	<b>1.43</b>	-0.83	0.54	<b>0.35</b>	-0.49	0.25	<b>7.57</b>	-0.57	1.58	<b>0.04</b>	-0.20	0.54	<b>0.22</b>	-0.75	0.00
<b>ELYW99</b>	<b>1.49</b>	-0.63	0.49	<b>0.32</b>	-0.91	0.10	<b>8.53</b>	0.09	0.33	<b>0.07</b>	0.10	0.00	<b>0.29</b>	0.61	0.28
<b>FLDNVY</b>	<b>1.68</b>	0.01	0.32	<b>0.39</b>	-0.05	0.04	<b>9.00</b>	0.41	0.39	<b>0.02</b>	-0.37	0.32	<b>0.26</b>	0.04	0.03
<b>HDAM7F</b>	<b>1.75</b>	0.25		<b>0.40</b>	0.00		<b>9.36</b>	0.66					<b>0.28</b>	0.43	
<b>HMG4V2</b>	<b>1.73</b>	0.19	0.38	<b>0.41</b>	0.16	0.33	<b>9.64</b>	0.85	0.56				<b>0.27</b>	0.16	0.16
<b>JE2Z7E</b>	<b>0.12</b>	-5.31X	0.05	<b>0.29</b>	-1.20	0.47	<b>6.29</b>	-1.46	0.47	<b>0.18</b>	1.23	0.14	<b>0.07</b>	-3.58	0.22
<b>KLXV4C</b>	<b>1.75</b>	0.24	1.51	<b>0.38</b>	-0.14	0.19	<b>8.41</b>	0.00	0.22				<b>0.26</b>	-0.04	0.16
<b>NBPLQA</b>	<b>1.26</b>	-1.42	0.10	<b>0.29</b>	-1.17	0.10	<b>6.36</b>	-1.41	0.32				<b>0.18</b>	-1.52	0.00
<b>NNA4JD</b>	<b>1.67</b>	0.00	0.48	<b>0.41</b>	0.17	0.16	<b>8.77</b>	0.25	0.21	<b>0.03</b>	-0.27	0.11	<b>0.28</b>	0.51	0.11
<b>RCPNBV</b>	<b>1.53</b>	-0.48	1.64	<b>0.40</b>	0.00	0.17	<b>8.25</b>	-0.11	0.24	<b>0.03</b>	-0.26	0.25	<b>0.26</b>	-0.06	0.09
<b>REHMKN</b>	<b>1.68</b>	0.00	1.33	<b>0.42</b>	0.24	1.36	<b>7.92</b>	-0.33	1.02	<b>0.05</b>	-0.10	0.62	<b>0.24</b>	-0.33	0.45
<b>U7A393</b>	<b>1.74</b>	0.21	0.29	<b>0.42</b>	0.24	0.25	<b>8.47</b>	0.04	0.48	<b>0.02</b>	-0.36	0.18	<b>0.26</b>	-0.04	0.33
<b>X6BTWN</b>	<b>1.61</b>	-0.23	1.52	<b>0.62</b>	2.52	3.47	<b>8.84</b>	0.30	2.88	<b>0.25</b>	1.84	0.65	<b>0.34</b>	1.51	1.70
<b>XZCJK2</b>	<b>1.87</b>	0.65	1.07	<b>0.46</b>	0.69	0.75	<b>7.85</b>	-0.38	1.59				<b>0.25</b>	-0.23	0.33

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	1.68			0.40			8.41			0.060			0.26		
<b>Median Abs Dev</b>	0.10			0.03			0.59			0.032			0.02		
<b>Avg Within Lab SD</b>	0.11			0.06			0.36			0.032			0.04		
<b>Labs Included</b>	16			16			17			12			16		
<b>Labs Reporting</b>	17			17			17			12			17		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4YJWBK</b>	<b>6.66</b>	-1.67		<b>4.35</b>	-0.07		<b>36.88</b>	0.00		<b>0.29</b>	-0.14		<b>6.59</b>	-0.64	
<b>62PGXK</b>	<b>7.53</b>	-0.39	0.33	<b>4.67</b>	0.53	0.98	<b>37.87</b>	0.20	0.92	<b>0.40</b>	0.33	0.99	<b>5.90</b>	-1.51	0.73
<b>8HMNYQ</b>	<b>2.19</b>	-8.24X	0.55	<b>2.26</b>	-4.04X	0.07	<b>18.73</b>	-3.73X	0.19	<b>3.19</b>	12.31X	6.15	<b>0.10</b>	-8.90X	0.00
<b>AJP7AQ</b>	<b>2.51</b>	-7.77X	0.68	<b>1.67</b>	-5.17X	0.90	<b>14.64</b>	-4.57X	0.08				<b>2.28</b>	-6.12X	0.32
<b>B4RBDQ</b>	<b>8.72</b>	1.36	0.00	<b>5.20</b>	1.54	0.00	<b>47.85</b>	2.25	0.00	<b>0.92</b>	2.54	0.00	<b>8.46</b>	1.75	0.00
<b>C932XC</b>	<b>6.85</b>	-1.39	0.86	<b>4.14</b>	-0.46	0.41	<b>31.53</b>	-1.10	1.57	<b>0.19</b>	-0.57	0.53	<b>5.08</b>	-2.55	0.17
<b>ELYW99</b>	<b>7.41</b>	-0.58	0.62	<b>4.66</b>	0.53	0.51	<b>42.47</b>	1.15	1.56	<b>0.20</b>	-0.51	0.29	<b>7.21</b>	0.16	0.21
<b>FLDNVY</b>	<b>8.41</b>	0.90	0.66	<b>4.42</b>	0.06	0.38	<b>38.77</b>	0.39	0.59	<b>0.20</b>	-0.52	0.27	<b>7.81</b>	0.92	0.16
<b>HDAM7F</b>	<b>8.03</b>	0.34		<b>4.21</b>	-0.34		<b>40.20</b>	0.68		<b>0.31</b>	-0.03		<b>7.78</b>	0.88	
<b>HMG4V2</b>	<b>8.48</b>	1.00	0.68	<b>4.74</b>	0.67	1.02	<b>43.87</b>	1.43	0.49				<b>8.38</b>	1.64	0.48
<b>JE2Z7E</b>	<b>7.55</b>	-0.37	0.11	<b>4.23</b>	-0.31	0.38	<b>36.46</b>	-0.09	0.27	<b>0.24</b>	-0.34	0.31	<b>7.33</b>	0.30	0.13
<b>KLXV4C</b>	<b>7.88</b>	0.12	2.08	<b>4.39</b>	0.00	1.02	<b>33.83</b>	-0.63	0.58	<b>0.39</b>	0.29	1.24	<b>6.92</b>	-0.21	0.69
<b>NBPLQA</b>	<b>7.80</b>	0.00	0.72	<b>4.18</b>	-0.39	0.15	<b>37.07</b>	0.04	2.42	<b>0.46</b>	0.61	0.06	<b>6.90</b>	-0.24	0.90
<b>NC2EMX</b>	<b>7.63</b>	-0.25		<b>5.54</b>	2.19		<b>50.50</b>	2.80		<b>0.30</b>	-0.09		<b>7.09</b>	0.00	
<b>NNA4JD</b>	<b>6.94</b>	-1.27	0.43	<b>4.07</b>	-0.60	0.31	<b>32.80</b>	-0.84	0.30	<b>0.32</b>	0.00	0.83	<b>6.60</b>	-0.62	0.14
<b>NVC7PZ</b>	<b>8.80</b>	1.47	0.89	<b>5.00</b>	1.16	0.26	<b>35.30</b>	-0.32	1.40	<b>0.34</b>	0.07	1.37	<b>7.01</b>	-0.10	1.94
<b>RCPNBV</b>	<b>7.63</b>	-0.25	2.26	<b>4.65</b>	0.50	0.89	<b>35.91</b>	-0.20	0.12	<b>0.41</b>	0.39	0.66	<b>7.96</b>	1.10	0.20
<b>REHMKN</b>	<b>7.98</b>	0.27	1.78	<b>4.24</b>	-0.28	0.85	<b>35.92</b>	-0.20	0.82	<b>0.25</b>	-0.32	0.73	<b>6.92</b>	-0.21	2.75
<b>RQB4DV</b>	<b>7.90</b>	0.14	0.24	<b>4.91</b>	0.99	0.56	<b>36.47</b>	-0.09	0.30	<b>1.14</b>	3.52	1.15	<b>7.33</b>	0.31	0.42
<b>U7A393</b>	<b>7.80</b>	0.00	0.22	<b>4.33</b>	-0.10	0.50	<b>38.06</b>	0.24	0.33	<b>0.16</b>	-0.68	0.15	<b>7.17</b>	0.10	0.33
<b>WM898M</b>	<b>8.18</b>	0.56	1.03	<b>5.18</b>	1.52	2.91	<b>33.40</b>	-0.71	0.11	<b>0.52</b>	0.86	0.40	<b>7.05</b>	-0.05	1.27
<b>X6BTWN</b>	<b>6.75</b>	-1.54	0.76	<b>3.83</b>	-1.06	1.83	<b>40.09</b>	0.66	1.55	<b>0.55</b>	0.99	2.81	<b>7.39</b>	0.38	1.54
<b>XZCJK2</b>	<b>7.60</b>	-0.29	0.22	<b>3.94</b>	-0.86	0.42	<b>36.13</b>	-0.15	0.15				<b>6.70</b>	-0.50	0.44



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ca - sp (SubTestCode 106) in the Salinity Property Groups	Data units: mmolc/L				
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710
<b>Grand Median</b>	7.80	4.39	36.9	0.32	7.09
<b>Median Abs Dev</b>	0.27	0.28	1.9	0.09	0.30
<b>Avg Within Lab SD</b>	0.46	0.21	1.8	0.10	0.41
<b>Labs Included</b>	21	21	21	19	21
<b>Labs Reporting</b>	23	23	23	20	23



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>4YJWBK</b>	<b>5.10</b>	-0.54		<b>2.09</b>	0.21		<b>42.27</b>	0.11		<b>0.22</b>	0.32		<b>3.88</b>	0.01	
<b>62PGXK</b>	<b>5.67</b>	0.04	0.39	<b>2.33</b>	0.73	0.65	<b>42.17</b>	0.10	0.06	<b>0.23</b>	0.39	0.56	<b>3.37</b>	-0.79	0.54
<b>8HMNYQ</b>	<b>1.67</b>	-4.07X	0.61	<b>1.03</b>	-2.03	0.28	<b>13.22</b>	-2.14	0.05	<b>2.02</b>	9.77X	0.17			
<b>AJP7AQ</b>	<b>2.04</b>	-3.69	0.57	<b>0.79</b>	-2.54	1.05	<b>16.84</b>	-1.86	0.25	<b>0.02</b>	-0.75	0.01	<b>1.31</b>	-3.98	0.33
<b>B4RBDQ</b>	<b>6.22</b>	0.61	0.00	<b>2.47</b>	1.01	0.00	<b>50.93</b>	0.78	0.00	<b>0.48</b>	1.66	0.00	<b>4.73</b>	1.33	0.00
<b>C932XC</b>	<b>4.55</b>	-1.10	0.50	<b>1.73</b>	-0.54	0.67	<b>35.83</b>	-0.39	1.99	<b>0.14</b>	-0.12	0.56	<b>2.69</b>	-1.83	0.18
<b>ELYW99</b>	<b>5.18</b>	-0.46	0.77	<b>1.88</b>	-0.23	0.17	<b>40.62</b>	-0.02	0.29	<b>0.11</b>	-0.28	0.06	<b>3.80</b>	-0.12	0.18
<b>FLDNVY</b>	<b>5.93</b>	0.31	0.63	<b>1.98</b>	-0.02	0.46	<b>44.10</b>	0.25	0.63	<b>0.12</b>	-0.22	0.07	<b>4.06</b>	0.29	0.23
<b>HDAM7F</b>	<b>6.29</b>	0.68		<b>2.06</b>	0.15		<b>48.40</b>	0.58					<b>4.53</b>	1.02	
<b>HMG4V2</b>	<b>6.30</b>	0.69	0.17	<b>2.21</b>	0.46	1.42	<b>49.87</b>	0.70	0.49				<b>4.66</b>	1.22	0.77
<b>JE2Z7E</b>	<b>4.88</b>	-0.77	0.06	<b>1.11</b>	-1.87	0.08	<b>28.15</b>	-0.99	0.37	<b>0.07</b>	-0.46	0.05	<b>0.74</b>	-4.86X	0.01
<b>KLXV4C</b>	<b>5.86</b>	0.24	2.74	<b>2.02</b>	0.07	1.44	<b>40.87</b>	0.00	0.50				<b>3.87</b>	-0.01	0.75
<b>NBPLQA</b>	<b>4.91</b>	-0.74	0.08	<b>1.79</b>	-0.42	0.17	<b>35.97</b>	-0.38	0.86				<b>3.44</b>	-0.67	0.24
<b>NC2EMX</b>	<b>5.59</b>	-0.04		<b>2.38</b>	0.83		<b>61.84</b>	1.63		<b>0.16</b>	0.00		<b>3.87</b>	-0.01	
<b>NNA4JD</b>	<b>4.90</b>	-0.74	0.57	<b>1.84</b>	-0.32	0.60	<b>36.54</b>	-0.34	0.40	<b>0.14</b>	-0.13	0.27	<b>3.50</b>	-0.58	0.54
<b>NVC7PZ</b>	<b>6.79</b>	1.19	1.06	<b>2.45</b>	0.98	0.78	<b>37.35</b>	-0.27	1.26	<b>0.25</b>	0.45	0.89	<b>3.93</b>	0.09	2.20
<b>RCPNBV</b>	<b>5.24</b>	-0.39	1.68	<b>1.98</b>	-0.02	0.55	<b>39.37</b>	-0.12	0.36	<b>0.18</b>	0.10	0.19	<b>4.09</b>	0.33	0.50
<b>REHMKN</b>	<b>5.39</b>	-0.24	1.84	<b>1.81</b>	-0.39	1.10	<b>38.63</b>	-0.17	1.29	<b>0.11</b>	-0.25	0.47	<b>3.54</b>	-0.52	2.48
<b>RQB4DV</b>	<b>6.26</b>	0.65	0.89	<b>2.46</b>	1.00	1.29	<b>45.39</b>	0.35	0.49	<b>0.94</b>	4.11	0.47	<b>4.27</b>	0.61	0.29
<b>U7A393</b>	<b>5.75</b>	0.13	0.10	<b>1.99</b>	0.00	0.56	<b>41.48</b>	0.05	0.41	<b>0.12</b>	-0.21	0.17	<b>3.80</b>	-0.11	0.47
<b>WM898M</b>	<b>5.91</b>	0.29	0.22	<b>2.55</b>	1.18	2.54	<b>8.41</b>	-2.52	0.05	<b>0.23</b>	0.38	0.55	<b>3.87</b>	0.00	1.45
<b>X6BTWN</b>	<b>5.05</b>	-0.59	0.96	<b>1.79</b>	-0.42	1.24	<b>57.30</b>	1.27	2.95	<b>0.47</b>	1.65	3.56	<b>4.17</b>	0.46	1.52
<b>XZCJK2</b>	<b>6.30</b>	0.69	0.60	<b>2.04</b>	0.11	1.08	<b>47.39</b>	0.51	1.21				<b>4.01</b>	0.21	0.12





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	5.63	1.99	40.9	0.16	3.87	
<b>Median Abs Dev</b>	0.58	0.20	4.9	0.06	0.29	
<b>Avg Within Lab SD</b>	0.29	0.09	1.9	0.10	0.21	
<b>Labs Included</b>	22	23	23	17	21	
<b>Labs Reporting</b>	23	23	23	18	22	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>0.33</b>	0.35		<b>0.62</b>	0.33		<b>11.23</b>	0.32		<b>0.42</b>	0.25		<b>0.17</b>	-0.30		
<b>62PGXK</b>	<b>0.30</b>	0.07	0.00	<b>0.60</b>	0.17	0.00	<b>10.83</b>	0.11	0.21	<b>0.43</b>	0.34	0.81	<b>0.20</b>	0.00	0.00	
<b>8HMNYQ</b>	<b>0.12</b>	-1.67	0.00	<b>0.28</b>	-2.38	0.38	<b>5.46</b>	-2.64	0.10	<b>0.12</b>	-1.62	0.08	<b>0.23</b>	0.34	0.11	
<b>AJP7AQ</b>				<b>0.05</b>	-4.22X	1.49	<b>8.81</b>	-0.92	0.67							
<b>B4RBDQ</b>	<b>0.34</b>	0.44	0.00	<b>0.61</b>	0.25	0.00	<b>13.52</b>	1.49	0.00	<b>0.65</b>	1.73	0.00	<b>0.22</b>	0.24	0.00	
<b>C932XC</b>	<b>0.61</b>	3.05	1.17	<b>0.78</b>	1.64	1.00	<b>9.27</b>	-0.69	2.62	<b>0.38</b>	0.00	1.01	<b>0.47</b>	2.73	3.61	
<b>ELYW99</b>	<b>0.34</b>	0.42	1.49	<b>0.65</b>	0.57	0.80	<b>10.39</b>	-0.11	0.24	<b>0.79</b>	2.59	2.31	<b>0.22</b>	0.17	0.45	
<b>FLDNVY</b>	<b>0.36</b>	0.61	0.77	<b>0.57</b>	-0.04	0.23	<b>11.63</b>	0.52	0.64	<b>0.44</b>	0.35	0.39	<b>0.15</b>	-0.55	0.11	
<b>HDAM7F</b>				<b>0.54</b>	-0.28		<b>11.90</b>	0.66		<b>0.47</b>	0.57					
<b>HMG4V2</b>	<b>0.23</b>	-0.61		<b>0.58</b>	-0.01	0.89	<b>12.10</b>	0.76	0.31	<b>0.30</b>	-0.53	0.21				
<b>JE2Z7E</b>	<b>2.75</b>	23.71X	1.04	<b>0.92</b>	2.70	0.22	<b>21.33</b>	5.49X	0.43	<b>0.06</b>	-2.00	0.09	<b>1.99</b>	18.12X	0.20	
<b>KLXV4C</b>	<b>0.29</b>	-0.08	1.63	<b>0.58</b>	0.01	1.59	<b>10.01</b>	-0.31	0.16	<b>0.41</b>	0.17	1.17	<b>0.27</b>	0.71		
<b>NBPLQA</b>	<b>0.31</b>	0.16	0.00	<b>0.50</b>	-0.60	0.13	<b>8.58</b>	-1.04	0.23	<b>1.62</b>	7.80X	0.21				
<b>NC2EMX</b>	<b>0.22</b>	-0.70		<b>0.65</b>	0.57		<b>15.22</b>	2.36		<b>0.30</b>	-0.50		<b>0.13</b>	-0.71		
<b>NNA4JD</b>	<b>0.25</b>	-0.38	0.52	<b>0.63</b>	0.43	0.87	<b>11.08</b>	0.24	0.24	<b>0.37</b>	-0.06	0.59	<b>0.21</b>	0.11	0.15	
<b>NVC7PZ</b>	<b>0.27</b>	-0.22	0.63	<b>0.59</b>	0.12	0.26	<b>11.00</b>	0.20	1.27	<b>0.36</b>	-0.13	0.62	<b>0.14</b>	-0.59	0.02	
<b>RCPNBV</b>	<b>0.29</b>	-0.07	1.14	<b>0.57</b>	-0.03	0.46	<b>10.18</b>	-0.22	0.52	<b>0.37</b>	-0.09	0.39	<b>0.17</b>	-0.34	0.10	
<b>REHMKN</b>	<b>0.21</b>	-0.77	0.24	<b>0.51</b>	-0.57	0.78	<b>9.63</b>	-0.50	0.34	<b>0.29</b>	-0.59	0.77	<b>0.13</b>	-0.71	0.12	
<b>RQB4DV</b>	<b>0.36</b>	0.67	0.98	<b>0.55</b>	-0.22	0.33	<b>9.67</b>	-0.48	0.38	<b>0.52</b>	0.90	0.23	<b>0.13</b>	-0.73	0.08	
<b>U7A393</b>	<b>0.20</b>	-0.87	0.12	<b>0.54</b>	-0.31	0.22	<b>10.04</b>	-0.29	0.55	<b>0.30</b>	-0.50	0.37	<b>0.11</b>	-0.91	0.00	
<b>WM898M</b>	<b>0.49</b>	1.88	0.54	<b>0.92</b>	2.74	1.83	<b>9.54</b>	-0.55	0.08	<b>0.43</b>	0.29	1.89	<b>0.31</b>	1.06	0.44	
<b>X6BTWN</b>	<b>0.32</b>	0.29	2.25	<b>0.51</b>	-0.57	2.80	<b>11.07</b>	0.24	2.47	<b>0.47</b>	0.55	2.03	<b>0.33</b>	1.28	0.70	
<b>XZCJK2</b>	<b>0.28</b>	-0.17	1.34	<b>0.54</b>	-0.28	0.89	<b>10.93</b>	0.16	1.55	<b>0.32</b>	-0.40	0.21				



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na - sp (SubTestCode 108) in the Salinity Property Groups	Data units: mmolc/L				
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710
<b>Grand Median</b>	0.29	0.58	10.6	0.38	0.20
<b>Median Abs Dev</b>	0.04	0.04	1.0	0.08	0.06
<b>Avg Within Lab SD</b>	0.05	0.05	0.6	0.07	0.14
<b>Labs Included</b>	20	22	22	21	17
<b>Labs Reporting</b>	21	23	23	22	18



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>0.14</b>	0.49		<b>0.35</b>	0.47		<b>1.79</b>	0.69		<b>0.83</b>	0.13		<b>0.10</b>	0.05		
<b>62PGXK</b>	<b>0.10</b>	-0.59	0.00	<b>0.30</b>	-0.23	0.00	<b>1.70</b>	0.25	0.00	<b>0.77</b>	-0.03	0.42	<b>0.10</b>	0.05	0.00	
<b>8HMNYQ</b>	<b>0.09</b>	-0.95	0.32	<b>0.22</b>	-1.36	0.71	<b>1.36</b>	-1.44	0.22	<b>0.07</b>	-1.84	0.04	<b>5.05</b>	37.25X	0.14	
<b>B4RBDQ</b>	<b>0.12</b>	0.05	0.00	<b>0.31</b>	-0.08	0.00	<b>1.92</b>	1.36	0.00	<b>0.79</b>	0.01	0.00	<b>0.09</b>	-0.05	0.00	
<b>C932XC</b>	<b>0.26</b>	3.64	1.14	<b>0.46</b>	1.97	0.85	<b>1.59</b>	-0.30	2.10	<b>1.00</b>	0.56	2.24	<b>0.24</b>	1.10	3.52	
<b>ELYW99</b>	<b>0.14</b>	0.40	1.38	<b>0.36</b>	0.61	0.81	<b>1.61</b>	-0.18	0.32	<b>2.00</b>	3.18	2.54	<b>0.09</b>	-0.03	0.36	
<b>FLDNVY</b>	<b>0.13</b>	0.31	0.88	<b>0.32</b>	0.06	0.11	<b>1.81</b>	0.78	0.38	<b>1.09</b>	0.81	0.26	<b>0.06</b>	-0.25	0.09	
<b>HDAM7F</b>	<b>0.10</b>	-0.59		<b>0.31</b>	-0.09		<b>1.79</b>	0.69		<b>1.19</b>	1.07					
<b>JE2Z7E</b>	<b>1.11</b>	26.60X	0.84	<b>0.56</b>	3.42	0.00	<b>3.76</b>	10.43X	0.58	<b>0.16</b>	-1.63	0.08	<b>0.99</b>	6.76	0.16	
<b>KLXV4C</b>	<b>0.13</b>	0.22		<b>0.32</b>	0.09	1.43	<b>1.64</b>	-0.05	0.22	<b>0.93</b>	0.39	0.37	<b>0.11</b>	0.13		
<b>NBPLQA</b>	<b>0.12</b>	-0.05	0.00	<b>0.29</b>	-0.38	0.00	<b>1.42</b>	-1.14	0.33	<b>3.36</b>	6.72X	0.08				
<b>NNA4JD</b>	<b>0.10</b>	-0.50	0.63	<b>0.37</b>	0.70	0.94	<b>1.88</b>	1.14	0.33	<b>0.78</b>	0.00	0.07	<b>0.09</b>	0.00	0.16	
<b>RCPNBV</b>	<b>0.11</b>	-0.23	1.38	<b>0.32</b>	0.00	0.24	<b>1.66</b>	0.05	0.55	<b>0.67</b>	-0.28	0.33	<b>0.07</b>	-0.20	0.08	
<b>REHMKN</b>	<b>0.08</b>	-1.07	0.03	<b>0.29</b>	-0.36	0.71	<b>1.58</b>	-0.36	0.40	<b>0.68</b>	-0.27	0.64	<b>0.06</b>	-0.27	0.08	
<b>RQB4DV</b>	<b>0.14</b>	0.39	0.91	<b>0.29</b>	-0.42	0.32	<b>1.51</b>	-0.69	0.40	<b>0.51</b>	-0.70	0.08	<b>0.05</b>	-0.30	0.06	
<b>U7A393</b>	<b>0.10</b>	-0.59	0.00	<b>0.30</b>	-0.23	0.00	<b>1.59</b>	-0.31	0.51	<b>0.80</b>	0.04	0.22	<b>0.05</b>	-0.33	0.00	
<b>WM898M</b>	<b>0.18</b>	1.68	0.35	<b>0.47</b>	2.14	0.68	<b>2.09</b>	2.16	0.07	<b>0.69</b>	-0.24	1.30	<b>0.13</b>	0.28	0.30	
<b>X6BTWN</b>	<b>0.13</b>	0.31	2.58	<b>0.30</b>	-0.19	3.26	<b>1.59</b>	-0.30	2.86	<b>0.68</b>	-0.27	0.95	<b>0.14</b>	0.32	0.57	
<b>XZCJK2</b>	<b>0.12</b>	-0.05		<b>0.32</b>	0.00	0.62	<b>1.70</b>	0.26	1.39							

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.12			0.32			1.65			0.78			0.09			
<b>Median Abs Dev</b>	0.02			0.03			0.11			0.11			0.03			
<b>Avg Within Lab SD</b>	0.02			0.02			0.08			0.14			0.07			
<b>Labs Included</b>	18			19			18			17			15			
<b>Labs Reporting</b>	19			19			19			18			16			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cl - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
62PGXK	0.62	1.07	1.04	0.39	1.41	0.46	6.87	0.87	0.18	0.42	1.01	0.57	0.97	0.94	0.09	
7AAAGU	0.45	-0.24	0.72	0.32	0.58	0.28	5.08	-0.74	0.90	0.24	-0.82	0.46	0.73	-0.39	1.39	
8HMNYQ	0.28	-1.57	0.08	0.21	-0.72	0.35	2.86	-2.74	0.23	0.36	0.42	0.24	0.46	-1.90	0.44	
AJP7AQ	0.48	-0.03	2.38	0.50	2.76	3.52	4.52	-1.24	2.58	0.37	0.48	1.09	0.69	-0.62	3.59	
C932XC	0.46	-0.17	0.39	0.16	-1.35	0.82	4.52	-1.24	0.33	0.32	0.00	0.37	0.72	-0.44	0.66	
ELYW99	0.42	-0.46	0.31	0.24	-0.37	0.17	5.15	-0.67	0.36	0.55	2.36	0.62	0.64	-0.92	0.25	
FLDNVY	0.63	1.18	1.79	0.24	-0.37	0.10	6.35	0.41	0.18	0.29	-0.36	0.17	0.84	0.20	0.04	
HDAM7F	0.57	0.73		0.27	0.00		7.19	1.16		0.42	0.96		1.02	1.20		
HMG4V2	0.59	0.86					6.22	0.29	1.31				0.90	0.56	0.91	
JE2Z7E	0.42	-0.53	0.03	0.23	-0.53	0.27	6.01	0.10	0.25	0.26	-0.70	0.08	0.79	-0.08	0.22	
KLXV4C	0.66	1.42					6.33	0.39	1.29				0.96	0.87	1.24	
M4WU6B	2.17	13.39X	1.25	0.61	3.95X	1.60	6.16	0.23	0.50	0.88	5.80X	0.67	1.05	1.37	0.70	
NBPLQA	0.35	-1.03	0.01	0.17	-1.17	0.02	5.43	-0.43	1.04	0.63	3.15	3.60	0.74	-0.34	0.08	
NC2EMX	0.45	-0.25		0.31	0.46		0.45	-4.91X		0.31	-0.14		0.51	-1.62		
NNA4JD	0.48	0.01	0.40	0.28	0.06	0.54	5.55	-0.31	0.17	0.29	-0.34	0.43	0.80	0.00	0.21	
NVC7PZ	0.38	-0.78	0.08	0.25	-0.25	0.17	7.24	1.21	2.24	0.28	-0.49	0.12	0.75	-0.27	0.09	
RCPNBV	0.48	-0.01	0.71	0.27	-0.05	0.29	5.73	-0.15	0.67	0.30	-0.19	0.19	0.86	0.33	0.38	
REHMKN	0.60	0.94	1.02	0.40	1.49	1.22	5.63	-0.25	0.68	0.34	0.14	0.41	0.88	0.41	0.50	
RQB4DV	0.43	-0.45	0.65	0.25	-0.21	0.68	6.02	0.11	0.16	0.31	-0.16	0.16	0.79	-0.07	0.92	
U7A393	0.60	0.91		0.32	0.57	0.49	5.65	-0.23	0.61	0.31	-0.10	0.37	0.98	0.98	0.45	
X6BTWN	0.50	0.16	1.85	0.29	0.19	0.85	7.52	1.46	0.64	0.41	0.92	1.01	0.78	-0.11	0.21	
XZCJK2	0.72	1.89	0.21				5.79	-0.10	1.22				0.99	1.03	0.00	
ZU7MVL	0.50	0.17	0.82	0.29	0.28	0.28	6.45	0.50	0.37	0.33	0.09	0.30	0.96	0.89	1.02	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	0.48	0.27	5.90	0.32	0.80	
<b>Median Abs Dev</b>	0.08	0.04	0.46	0.04	0.10	
<b>Avg Within Lab SD</b>	0.07	0.06	0.31	0.13	0.06	
<b>Labs Included</b>	22	19	22	19	23	
<b>Labs Reporting</b>	23	20	23	20	23	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>62PGXK</b>	<b>1.39</b>	0.28	0.05	<b>0.07</b>	-0.56	0.13	<b>47.33</b>	0.71	0.93	<b>0.20</b>	0.03	0.11	<b>0.73</b>	0.29	0.10	
<b>8HMNYQ</b>	<b>0.19</b>	-2.99	0.03				<b>25.85</b>	-2.06	0.09	<b>0.11</b>	-0.46	0.07				
<b>AJP7AQ</b>	<b>0.27</b>	-2.79	0.46				<b>20.38</b>	-2.76	0.61				<b>0.06</b>	-2.83		
<b>C932XC</b>	<b>1.10</b>	-0.51	0.11	<b>0.13</b>	0.00	0.68	<b>31.53</b>	-1.33	0.09	<b>0.58</b>	2.19	3.22	<b>0.77</b>	0.48	1.36	
<b>ELYW99</b>	<b>1.40</b>	0.29	0.26	<b>0.08</b>	-0.52	0.10	<b>49.89</b>	1.04	0.81	<b>0.21</b>	0.09	0.70	<b>0.86</b>	0.90	0.31	
<b>FLDNVY</b>	<b>1.40</b>	0.29	0.22	<b>0.08</b>	-0.44	0.01	<b>43.78</b>	0.25	0.50	<b>0.16</b>	-0.21	0.00	<b>0.81</b>	0.67	0.04	
<b>HDAM7F</b>	<b>1.39</b>	0.28					<b>46.90</b>	0.65		<b>0.44</b>	1.39		<b>0.69</b>	0.10		
<b>HMG4V2</b>	<b>1.32</b>	0.09	0.31	<b>0.19</b>	0.66		<b>54.07</b>	1.57	0.69	<b>0.13</b>	-0.36		<b>0.62</b>	-0.23	0.17	
<b>JE2Z7E</b>	<b>1.03</b>	-0.70	0.08	<b>0.11</b>	-0.15	0.36	<b>41.53</b>	-0.04	1.32	<b>0.18</b>	-0.06	0.19	<b>0.51</b>	-0.72	0.04	
<b>KLXV4C</b>	<b>1.54</b>	0.68	1.15	<b>0.32</b>	2.05	1.01	<b>40.03</b>	-0.23	1.57	<b>0.47</b>	1.55	0.61	<b>0.82</b>	0.71	0.97	
<b>NBPLQA</b>	<b>0.91</b>	-1.03	0.06				<b>40.60</b>	-0.16	1.45				<b>0.35</b>	-1.48	0.03	
<b>NNA4JD</b>	<b>1.25</b>	-0.11	0.19	<b>0.15</b>	0.27	0.10	<b>45.73</b>	0.50	0.86	<b>0.19</b>	-0.04	0.24	<b>0.65</b>	-0.07	0.07	
<b>NVC7PZ</b>	<b>1.57</b>	0.77	0.16	<b>0.16</b>	0.31	0.05	<b>40.95</b>	-0.11	0.72	<b>0.27</b>	0.43	0.79	<b>0.90</b>	1.10	0.03	
<b>RCPNBV</b>	<b>1.16</b>	-0.35	0.25	<b>0.12</b>	-0.05	0.42	<b>39.03</b>	-0.36	0.69	<b>0.16</b>	-0.20	0.19	<b>0.60</b>	-0.30	0.16	
<b>REHMKN</b>	<b>1.26</b>	-0.09	0.35	<b>0.12</b>	-0.07	0.22	<b>38.53</b>	-0.43	0.92	<b>0.19</b>	-0.03	0.34	<b>0.67</b>	0.00	0.09	
<b>RQB4DV</b>	<b>1.32</b>	0.09	0.56	<b>0.16</b>	0.34	0.26	<b>41.20</b>	-0.08	1.12	<b>0.77</b>	3.26	0.08	<b>0.63</b>	-0.15	0.09	
<b>U7A393</b>	<b>1.14</b>	-0.41	0.25	<b>0.01</b>	-1.21	0.00	<b>42.14</b>	0.04	0.82	<b>0.13</b>	-0.36	0.05	<b>0.50</b>	-0.76	0.07	
<b>X6BTWN</b>	<b>1.66</b>	1.02	3.99	<b>0.43</b>	3.16	3.46	<b>44.77</b>	0.38	2.25	<b>0.44</b>	1.36	1.92	<b>1.07</b>	1.86	3.74	
<b>XZCJK2</b>	<b>1.45</b>	0.43	0.35				<b>47.36</b>	0.71	0.66	<b>0.18</b>	-0.08	0.00	<b>0.66</b>	-0.05	0.03	
<b>ZU7MVL</b>	<b>1.18</b>	-0.30	0.76	<b>0.16</b>	0.33	0.30	<b>42.47</b>	0.08	0.21	<b>0.20</b>	0.03	0.45	<b>0.69</b>	0.11	0.11	

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	1.29			0.13			41.8			0.19			0.67			
<b>Median Abs Dev</b>	0.14			0.03			3.1			0.05			0.10			
<b>Avg Within Lab SD</b>	0.19			0.12			1.7			0.09			0.17			
<b>Labs Included</b>	20			15			20			18			19			
<b>Labs Reporting</b>	20			15			20			18			19			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8HMNYQ</b>	<b>2.05</b>	-6.71X	0.05	<b>1.51</b>	-8.47X	0.20	<b>2.48</b>	-9.25X	0.12	<b>0.16</b>	0.73	0.00	<b>2.37</b>	-4.85X	0.27	
<b>ELYW99</b>	<b>13.84</b>	-0.05	0.74	<b>10.20</b>	1.87	2.19	<b>44.55</b>	-0.18	0.54	<b>0.11</b>	0.10	0.17	<b>8.59</b>	0.41	1.08	
<b>FLDNVY</b>	<b>14.03</b>	0.05	0.71	<b>8.62</b>	-0.01	0.10	<b>46.69</b>	0.28	0.70	<b>0.10</b>	0.00	0.19	<b>6.90</b>	-1.02	0.14	
<b>HDAM7F</b>	<b>15.10</b>	0.66		<b>8.93</b>	0.36		<b>50.90</b>	1.18					<b>7.57</b>	-0.45		
<b>JE2Z7E</b>	<b>13.55</b>	-0.22	0.15	<b>8.11</b>	-0.61	0.17	<b>48.06</b>	0.57	0.85	<b>0.09</b>	-0.15	0.06	<b>8.39</b>	0.24	0.15	
<b>KLXV4C</b>	<b>15.90</b>	1.11	2.82	<b>9.32</b>	0.83	2.15	<b>49.47</b>	0.87	2.54	<b>0.06</b>	-0.45	0.34	<b>7.53</b>	-0.49	2.77	
<b>M4WU6B</b>	<b>14.71</b>	0.44	0.63	<b>9.00</b>	0.44	0.61	<b>48.05</b>	0.57	0.96	<b>1.02</b>	11.00X	4.15	<b>8.45</b>	0.30	0.19	
<b>NBPLQA</b>	<b>11.40</b>	-1.43	0.16	<b>7.88</b>	-0.89	0.45	<b>42.33</b>	-0.66	0.27	<b>0.08</b>	-0.21	0.10	<b>7.82</b>	-0.24	0.71	
<b>NNA4JD</b>	<b>14.26</b>	0.18	0.21	<b>8.90</b>	0.33	0.23	<b>46.01</b>	0.13	0.28	<b>0.10</b>	0.01	0.09	<b>8.87</b>	0.65	0.14	
<b>RCPNBV</b>	<b>13.18</b>	-0.42	1.07	<b>8.33</b>	-0.36	0.27	<b>43.58</b>	-0.39	0.62	<b>0.10</b>	-0.02	0.08	<b>8.56</b>	0.38	0.82	
<b>U7A393</b>	<b>13.29</b>	-0.36	0.37	<b>8.54</b>	-0.11	0.38	<b>38.53</b>	-1.48	0.71	<b>0.08</b>	-0.25		<b>5.55</b>	-2.16	0.21	
<b>X6BTWN</b>	<b>11.17</b>	-1.56	0.05	<b>6.72</b>	-2.28	0.79	<b>37.80</b>	-1.64	0.93	<b>0.55</b>	5.44	3.12	<b>8.90</b>	0.67	0.88	
<b>XZCJK2</b>	<b>16.76</b>	1.60	0.48	<b>8.64</b>	0.01	0.30	<b>44.81</b>	-0.13	0.45	<b>0.10</b>	0.06	0.17	<b>6.83</b>	-1.08	0.23	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	13.9			8.63			45.4			0.10			8.10			
<b>Median Abs Dev</b>	0.8			0.34			2.7			0.01			0.56			
<b>Avg Within Lab SD</b>	1.1			0.40			2.6			0.03			0.45			
<b>Labs Included</b>	12			12			12			11			12			
<b>Labs Reporting</b>	13			13			13			12			13			





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

<b>B - sp (SubTestCode 113) in the Salinity Property Groups</b>														<b>Data units: mg/L</b>		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>62PGXK</b>	<b>0.093</b>	4.160	1.030	<b>0.060</b>	0.444	0.000	<b>0.337</b>	0.916	0.267	<b>0.057</b>	0.940	0.491	<b>0.083</b>	0.299	0.172	
<b>8HMNYQ</b>							<b>0.200</b>	-0.717	0.231	<b>0.040</b>	0.269	0.000				
<b>AJP7AQ</b>							<b>0.090</b>	-2.032	0.933							
<b>ELYW99</b>	<b>0.038</b>	-0.020	0.314	<b>0.033</b>	-0.005	0.255	<b>0.341</b>	0.964	0.101	<b>0.008</b>	-1.009	0.133	<b>0.073</b>	-0.020	0.149	
<b>FLDNVY</b>	<b>0.039</b>	0.000	0.134	<b>0.026</b>	-0.124	0.015	<b>0.249</b>	-0.131	0.046	<b>0.021</b>	-0.517	0.277	<b>0.066</b>	-0.220	0.060	
<b>JE2Z7E</b>	<b>0.045</b>	0.518	0.607	<b>0.037</b>	0.071	0.239	<b>0.314</b>	0.645	0.083	<b>0.032</b>	-0.067	0.130	<b>0.092</b>	0.559	0.030	
<b>M4WU6B</b>	<b>0.033</b>	-0.419	1.753	<b>0.127</b>	1.539	3.083	<b>0.426</b>	1.982	1.414	<b>0.107</b>	2.982	1.783	<b>0.202</b>	3.850	2.808	
<b>NC2EMX</b>	<b>0.030</b>	-0.645		<b>0.040</b>	0.115		<b>0.330</b>	0.837		<b>0.030</b>	-0.134		<b>0.050</b>	-0.699		
<b>NNA4JD</b>	<b>0.033</b>	-0.392	0.515	<b>0.023</b>	-0.160	0.177	<b>0.300</b>	0.478	0.000	<b>0.020</b>	-0.537	0.000	<b>0.090</b>	0.499	0.000	
<b>NVC7PZ</b>	<b>0.046</b>	0.544	0.052	<b>0.033</b>	0.005	0.177	<b>0.220</b>	-0.478	0.231	<b>0.050</b>	0.672	0.426	<b>0.056</b>	-0.519	0.179	
<b>RCPNBV</b>	<b>0.041</b>	0.215	2.012	<b>0.031</b>	-0.042	0.496	<b>0.248</b>	-0.143	2.861	<b>0.057</b>	0.967	2.677	<b>0.092</b>	0.555	1.338	
<b>REHMKN</b>	<b>0.033</b>	-0.392	0.515	<b>0.027</b>	-0.105	0.177	<b>0.260</b>	0.000	0.612	<b>0.033</b>	0.000	0.246	<b>0.067</b>	-0.200	0.456	
<b>X6BTWN</b>	<b>0.040</b>	0.114	0.892	<b>0.027</b>	-0.105	0.177	<b>0.250</b>	-0.120	0.612	<b>0.033</b>	0.000	0.246	<b>0.073</b>	0.000	0.172	
<b>XZCJK2</b>				<b>0.360</b>	5.381		<b>0.260</b>	0.000								

<b>B - sp (SubTestCode 113) in the Salinity Property Groups</b>														<b>Data units: mg/L</b>		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.039			0.033			0.26			0.033			0.073			
<b>Median Abs Dev</b>	0.005			0.007			0.05			0.013			0.017			
<b>Avg Within Lab SD</b>	0.011			0.033			0.04			0.023			0.034			
<b>Labs Included</b>	11			12			14			12			11			
<b>Labs Reporting</b>	11			12			14			12			11			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>0.61</b>	1.49	0.88	<b>0.34</b>	0.19	1.62	<b>3.48</b>	1.23	1.01	<b>0.13</b>	1.15	0.59	<b>0.52</b>	0.17	0.67	
<b>3GNWVG</b>	<b>0.35</b>	-0.10	0.69	<b>0.26</b>	-0.60	0.25	<b>2.94</b>	0.32	0.20	<b>0.06</b>	-1.17	0.10	<b>0.45</b>	-0.48	0.15	
<b>4RKER2</b>	<b>0.36</b>	0.00	0.15	<b>0.37</b>	0.48	0.26	<b>3.41</b>	1.12	0.39	<b>0.08</b>	-0.43	0.00	<b>0.50</b>	0.00	0.41	
<b>4YJWBK</b>	<b>0.27</b>	-0.59	0.15	<b>0.28</b>	-0.38	0.69	<b>2.75</b>	0.00	0.05	<b>0.10</b>	0.04	0.57	<b>0.56</b>	0.51	0.11	
<b>8HMNYQ</b>	<b>0.34</b>	-0.12	0.40	<b>0.25</b>	-0.70	0.45	<b>2.16</b>	-0.98	0.10	<b>0.09</b>	-0.06	0.57	<b>0.46</b>	-0.41	0.00	
<b>8YWAN8</b>	<b>0.56</b>	1.21	0.30	<b>0.45</b>	1.18	0.52	<b>3.65</b>	1.53	0.06	<b>0.08</b>	-0.46	0.98	<b>0.58</b>	0.70	0.30	
<b>93PRHD</b>	<b>0.27</b>	-0.59	0.80	<b>0.28</b>	-0.41	0.45	<b>2.70</b>	-0.08	0.00	<b>0.10</b>	0.14	0.00	<b>0.50</b>	-0.03		
<b>AG4E6F</b>	<b>0.38</b>	0.12	0.05	<b>0.26</b>	-0.61	0.37	<b>2.97</b>	0.38	0.12	<b>0.10</b>	0.13	0.15	<b>0.47</b>	-0.28	0.20	
<b>BC88YC</b>	<b>0.41</b>	0.25	0.76	<b>0.32</b>	0.00	0.74	<b>2.79</b>	0.08	0.14	<b>0.09</b>	-0.30	0.00	<b>0.54</b>	0.39	0.11	
<b>BKHDTU</b>	<b>0.30</b>	-0.38	0.00	<b>0.30</b>	-0.22	0.00	<b>2.30</b>	-0.75	0.42	<b>0.10</b>	0.14	0.00	<b>0.37</b>	-1.31	1.13	
<b>CE7RKN</b>	<b>0.49</b>	0.77	0.00	<b>0.35</b>	0.29	0.26	<b>2.62</b>	-0.21	0.31	<b>0.10</b>	0.14	0.00	<b>0.54</b>	0.38	0.30	
<b>CERGN4</b>	<b>0.46</b>	0.59	0.00	<b>0.41</b>	0.83	0.00	<b>2.96</b>	0.36	0.00	<b>0.04</b>	-1.66	0.00	<b>0.51</b>	0.06	0.00	
<b>DJDTZC</b>	<b>0.30</b>	-0.40	0.40	<b>0.32</b>	-0.04	0.37	<b>2.58</b>	-0.28	0.54	<b>0.11</b>	0.54	0.57	<b>0.52</b>	0.16	0.00	
<b>ELYW99</b>	<b>0.15</b>	-1.27	0.39	<b>0.18</b>	-1.40	0.83	<b>2.71</b>	-0.06	0.27	<b>0.13</b>	1.02	0.96	<b>0.49</b>	-0.13	0.10	
<b>FBV7XL</b>	<b>0.35</b>	-0.06	3.58	<b>0.22</b>	-0.95	2.28	<b>2.34</b>	-0.69	1.34	<b>0.10</b>	0.04	3.96	<b>0.41</b>	-0.92	0.79	
<b>JE2Z7E</b>	<b>0.51</b>	0.89	0.24	<b>0.41</b>	0.87	0.21	<b>3.17</b>	0.72	0.07	<b>0.10</b>	0.03	0.30	<b>0.56</b>	0.54	0.08	
<b>JKTZQ2</b>	<b>0.65</b>	1.77	0.02	<b>0.47</b>	1.43	1.08	<b>3.99</b>	2.09	0.86	<b>0.06</b>	-1.13	0.06	<b>0.58</b>	0.70	1.05	
<b>NC2EMX</b>	<b>0.45</b>	0.55	0.30	<b>0.39</b>	0.61	0.26	<b>3.63</b>	1.48	0.18	<b>0.05</b>	-1.26	0.57	<b>0.49</b>	-0.13	1.99	
<b>NGUHF2</b>	<b>0.34</b>	-0.14	0.45	<b>0.28</b>	-0.38	0.52	<b>2.39</b>	-0.61	0.30	<b>0.10</b>	0.24	0.57	<b>0.47</b>	-0.35	0.23	
<b>NNA4JD</b>	<b>0.38</b>	0.10	0.69	<b>0.37</b>	0.45	1.20	<b>2.70</b>	-0.07	0.45	<b>0.05</b>	-1.36	0.98	<b>0.35</b>	-1.50	0.30	
<b>QVRACQ</b>	<b>0.52</b>	0.93	0.44	<b>0.41</b>	0.84	0.75	<b>2.81</b>	0.10	0.50	<b>0.09</b>	-0.03	0.31	<b>0.57</b>	0.67	0.23	
<b>RCPNBV</b>	<b>0.61</b>	1.50	0.15	<b>0.51</b>	1.80	0.28	<b>3.43</b>	1.14	0.78	<b>0.07</b>	-0.89	0.50	<b>0.69</b>	1.78	0.17	
<b>RQB4DV</b>	<b>0.18</b>	-1.09	0.20	<b>0.20</b>	-1.22	0.26	<b>2.49</b>	-0.42	0.27	<b>0.13</b>	1.01	0.94	<b>0.37</b>	-1.26	0.24	
<b>VABCVP</b>	<b>0.24</b>	-0.72	0.61	<b>0.25</b>	-0.67	0.84	<b>2.45</b>	-0.50	0.19	<b>0.18</b>	2.46	1.42	<b>0.54</b>	0.37	3.10	
<b>WJDZBT</b>	<b>0.26</b>	-0.63	0.26	<b>0.22</b>	-0.95	0.94	<b>1.90</b>	-1.42	0.40	<b>0.04</b>	-1.66	0.98	<b>0.25</b>	-2.45	0.81	
<b>WM898M</b>	<b>0.29</b>	-0.44	0.49	<b>0.27</b>	-0.52	1.22	<b>2.33</b>	-0.70	0.36	<b>0.10</b>	0.26	0.88	<b>0.53</b>	0.23	0.61	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WR4PP9</b>	<b>0.43</b>	0.42	1.51	<b>0.37</b>	0.42	2.61	<b>2.30</b>	-0.75	3.30				<b>0.33</b>	-1.62	1.13	
<b>X3LMCR</b>	<b>0.16</b>	-1.23	2.79	<b>0.43</b>	1.07	2.03	<b>3.03</b>	0.47	3.43	<b>0.06</b>	-0.95	1.23	<b>0.31</b>	-1.88	2.76	
<b>X6BTWN</b>	<b>0.56</b>	1.19	1.14	<b>0.33</b>	0.07	0.78	<b>3.35</b>	1.01	0.58	<b>0.09</b>	-0.16	0.98	<b>0.52</b>	0.13	0.56	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.36			0.32			2.75			0.10			0.50			
<b>Median Abs Dev</b>	0.10			0.06			0.36			0.01			0.04			
<b>Avg Within Lab SD</b>	0.04			0.02			0.24			0.01			0.05			
<b>Labs Included</b>	29			29			29			28			29			
<b>Labs Reporting</b>	29			29			29			28			29			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4DGXYE	0.58	3.98X	0.51	0.52	4.70X	1.47	4.33	3.32X	0.19	0.06	0.46	0.32	0.65	3.95X	0.16	
8FXGET	0.29	0.22	0.77	0.27	0.15	0.53	2.73	0.73	0.72	0.06	0.39	2.15	0.32	0.15	0.69	
9N87RR	0.36	1.13	1.27	0.28	0.39	0.92	2.37	0.14	0.24	0.06	0.33	1.17	0.34	0.38	0.40	
9Q99HT	0.13	-1.86	0.29	0.13	-2.41	0.14	0.12	-3.51X	0.04	0.04	-0.63	1.13	0.13	-1.99	0.40	
ANZDBV	0.29	0.18	0.18	0.29	0.59	0.51	2.57	0.48	0.22	0.05	-0.11	0.91	0.38	0.80	2.04	
CL9R26	0.32	0.52	0.58	0.25	-0.21	0.53	1.95	-0.54	1.21	0.04	-0.53	0.00	0.29	-0.23	0.46	
DKQEL7	0.29	0.22	0.20	0.30	0.84	0.58	2.84	0.91	0.16	0.05	0.02	0.31	0.36	0.55	0.22	
DZ6Q37	0.47	2.56	2.04	0.31	1.00	0.53	3.02	1.20	0.46	0.04	-0.36	1.17	0.41	1.18	0.40	
ELYW99	0.27	-0.03	0.58	0.25	-0.15	0.89	1.87	-0.66	0.21	0.09	1.91	0.32	0.38	0.80	0.07	
FWV6LK	0.29	0.23	0.15	0.28	0.47	0.00	2.61	0.54	0.04	0.05	0.17	0.25	0.34	0.37	0.05	
HDAM7F	0.20	-1.04	0.47	0.21	-0.90	2.12	1.67	-0.99	1.48				0.19	-1.29	1.61	
JE2Z7E	0.28	0.04	0.53	0.26	-0.04	1.51	2.35	0.11	0.29	0.05	0.21	0.31	0.33	0.22	0.04	
JUGU3X	0.27	-0.12	0.29	0.24	-0.39	0.53	2.28	0.00	0.27	0.06	0.50	0.00	0.28	-0.31	0.00	
KLXV4C	0.30	0.30	0.16	0.28	0.45	0.40	2.45	0.27	0.58	0.05	-0.12	1.13	0.31	0.02	0.75	
N4RMJU	0.20	-1.05	1.24	0.15	-1.99	1.06	1.02	-2.05	0.81	0.01	-1.83	0.23	0.10	-2.39	0.46	
NC2EMX	0.27	-0.12	0.58	0.24	-0.27	0.53	2.00	-0.45	0.38	0.05	-0.02	2.03	0.24	-0.80	0.61	
NJJU9F	0.26	-0.27	0.42	0.24	-0.32	0.78	1.80	-0.77	0.62	0.04	-0.77	0.12	0.26	-0.51	0.26	
NNA4JD	0.27	-0.12	0.29	0.26	-0.03	1.40	1.64	-1.03	0.16	0.04	-0.70	1.17	0.26	-0.58	0.61	
PAC832	0.26	-0.16	0.08	0.26	0.03	0.27	2.10	-0.29	0.09	0.03	-0.87	0.31	0.28	-0.31	0.13	
RCPNBV	0.35	0.90	0.46	0.33	1.30	1.10	2.75	0.76	0.20	0.05	0.10	0.51	0.40	1.04	0.32	
RQB4DV	0.12	-2.05	0.54	0.13	-2.29	0.14	1.51	-1.25	0.21	0.10	2.38	1.17	0.32	0.20	0.57	
X3LMCR	0.11	-2.22	3.56	0.29	0.52	2.76	2.01	-0.44	4.06	0.04	-0.46	1.83	0.20	-1.20	3.73	
XEDFF9	0.32	0.51	0.64	0.32	1.05	0.60	2.70	0.68	0.15	0.08	1.29	1.43	0.36	0.59	0.31	
XZCJK2	0.28	0.03	0.68	0.28	0.30	0.64	2.46	0.29	0.34	0.07	1.10	0.23	0.31	-0.02	0.18	
YDXA2J	0.25	-0.30	0.00	0.25	-0.08	0.00	1.71	-0.93	0.01	0.03	-0.94	0.20	0.29	-0.25	0.00	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	0.28	0.26	2.28	0.050	0.31	
<b>Median Abs Dev</b>	0.02	0.02	0.41	0.009	0.05	
<b>Avg Within Lab SD</b>	0.02	0.01	0.13	0.005	0.03	
<b>Labs Included</b>	24	24	23	24	24	
<b>Labs Reporting</b>	25	25	25	24	25	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>5.31</b>	-0.17	0.48	<b>4.19</b>	-0.10	1.14	<b>7.64</b>	-0.18	0.61	<b>5.67</b>	-0.01	1.03	<b>6.91</b>	-0.31	0.47	
<b>3GNWVG</b>	<b>5.41</b>	0.70	0.27	<b>4.24</b>	0.28	0.12	<b>7.69</b>	0.18	0.00	<b>5.73</b>	0.39	0.00	<b>6.96</b>	0.08	0.00	
<b>3N7DDH</b>	<b>5.25</b>	-0.75	0.87	<b>4.16</b>	-0.30	1.50	<b>7.50</b>	-1.28	1.04	<b>5.65</b>	-0.18	0.36	<b>6.85</b>	-0.83	0.68	
<b>4RKER2</b>	<b>5.35</b>	0.17	0.48	<b>4.18</b>	-0.15	0.21	<b>7.77</b>	0.80	0.22	<b>5.79</b>	0.82	0.36	<b>7.01</b>	0.53	0.26	
<b>4YJWBK</b>	<b>5.29</b>	-0.38	0.40	<b>4.20</b>	0.00	0.00	<b>7.80</b>	1.00	0.00	<b>5.39</b>	-2.05	0.41	<b>6.80</b>	-1.28	0.35	
<b>6RGYCF</b>	<b>5.30</b>	-0.29	0.00	<b>4.20</b>	0.00	0.00	<b>7.50</b>	-1.26		<b>5.60</b>	-0.53	0.00	<b>7.00</b>	0.42		
<b>8FXGET</b>	<b>5.43</b>	0.81	0.96	<b>4.22</b>	0.15	1.90	<b>7.63</b>	-0.25	0.45	<b>5.64</b>	-0.27	1.89	<b>7.05</b>	0.81	1.03	
<b>8HMNYQ</b>	<b>5.02</b>	-2.73	1.40	<b>3.95</b>	-1.88	0.52	<b>7.32</b>	-2.59	0.08	<b>5.30</b>	-2.67	0.53	<b>6.73</b>	-1.81	1.03	
<b>8YWAN8</b>	<b>5.31</b>	-0.23	0.27	<b>4.18</b>	-0.18	0.12	<b>7.60</b>	-0.53	0.22	<b>5.53</b>	-1.03	0.36	<b>6.77</b>	-1.47	0.70	
<b>93PRHD</b>	<b>5.31</b>	-0.17	0.35	<b>4.17</b>	-0.25	0.24	<b>7.65</b>	-0.10	0.08	<b>5.71</b>	0.23	0.10	<b>6.94</b>	-0.11	0.13	
<b>9EGFA7</b>	<b>5.40</b>	0.58	0.00	<b>4.20</b>	0.00	2.07	<b>7.57</b>	-0.75	2.24	<b>5.70</b>	0.18	1.78	<b>6.97</b>	0.14	1.31	
<b>9N87RR</b>	<b>5.31</b>	-0.20	0.83	<b>4.17</b>	-0.23	0.21	<b>7.65</b>	-0.10	0.86	<b>5.73</b>	0.37	1.66	<b>6.89</b>	-0.47	1.03	
<b>AG4E6F</b>	<b>5.29</b>	-0.38	0.23	<b>4.08</b>	-0.89	0.12	<b>7.64</b>	-0.20	0.15	<b>5.68</b>	0.01	0.27	<b>6.91</b>	-0.36	0.13	
<b>BC88YC</b>	<b>5.29</b>	-0.39	0.14	<b>4.02</b>	-1.39	0.13	<b>7.94</b>	2.07	0.18	<b>5.73</b>	0.36	0.22	<b>6.97</b>	0.18	0.00	
<b>BKHDTU</b>	<b>5.33</b>	0.00	1.33	<b>4.20</b>	0.00	0.00	<b>7.70</b>	0.25	0.00	<b>5.80</b>	0.89	0.00	<b>7.00</b>	0.42		
<b>BQ8TKM</b>	<b>5.33</b>	0.00	1.33	<b>4.07</b>	-1.02	1.20	<b>7.73</b>	0.50	0.84	<b>5.77</b>	0.65	1.03	<b>7.00</b>	0.42		
<b>CE7RKN</b>	<b>5.16</b>	-1.51	0.23	<b>4.05</b>	-1.14	0.21	<b>7.37</b>	-2.21	0.17	<b>5.51</b>	-1.20	1.19	<b>6.64</b>	-2.56	0.86	
<b>CERGN4</b>	<b>5.39</b>	0.49	0.00	<b>4.23</b>	0.23	0.00	<b>7.67</b>	0.03	0.00	<b>5.67</b>	-0.04	0.00	<b>6.92</b>	-0.25	0.00	
<b>CL9R26</b>	<b>5.31</b>	-0.20	0.46	<b>4.21</b>	0.08	0.36	<b>7.67</b>	0.00	0.22	<b>5.55</b>	-0.91	0.57	<b>6.91</b>	-0.31	0.26	
<b>DJDTZC</b>	<b>5.44</b>	0.93	0.00	<b>4.31</b>	0.81	0.12	<b>7.67</b>	0.03	0.00	<b>5.70</b>	0.20	0.10	<b>6.87</b>	-0.69	0.13	
<b>DZ6Q37</b>	<b>5.33</b>	0.00	1.33	<b>4.17</b>	-0.25	1.20	<b>7.73</b>	0.50	0.84	<b>5.63</b>	-0.30	1.03	<b>7.07</b>	0.97	1.31	
<b>ELYW99</b>	<b>5.42</b>	0.75	0.69	<b>3.88</b>	-2.46	0.32	<b>7.34</b>	-2.46	1.17	<b>5.60</b>	-0.56	1.16	<b>6.63</b>	-2.64	3.48	
<b>FBV7XL</b>	<b>5.40</b>	0.58	2.31	<b>4.30</b>	0.76	2.07	<b>7.63</b>	-0.25	0.84	<b>5.77</b>	0.65	2.06	<b>6.97</b>	0.14	1.31	
<b>FLDNVY</b>	<b>5.47</b>	1.16	1.33	<b>4.23</b>	0.25	1.20	<b>7.80</b>	1.00	0.00	<b>5.70</b>	0.18	0.00	<b>7.00</b>	0.42		
<b>FZYVW7</b>	<b>5.29</b>	-0.41	1.34	<b>4.09</b>	-0.85	0.29	<b>7.70</b>	0.25	0.72	<b>5.70</b>	0.19	0.77	<b>7.06</b>	0.88	1.74	
<b>HJY4EZ</b>	<b>5.90</b>	4.93	0.00	<b>4.63</b>	3.30	1.20	<b>7.57</b>	-0.75	0.84	<b>5.83</b>	1.13	1.03	<b>6.80</b>	-1.25	0.00	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>HYFT33</b>	<b>5.51</b>	1.54	0.83	<b>4.62</b>	3.22	0.96	<b>7.91</b>	1.83	1.53	<b>5.53</b>	-1.01	0.57	<b>7.11</b>	1.36	0.57	
<b>J4LX32</b>	<b>5.23</b>	-0.87	1.33	<b>4.27</b>	0.51	1.20	<b>7.57</b>	-0.75	0.84	<b>6.00</b>	2.31		<b>6.83</b>	-0.97	1.31	
<b>JE2Z7E</b>	<b>5.28</b>	-0.49	0.70	<b>4.16</b>	-0.30	0.55	<b>7.60</b>	-0.50	1.92	<b>5.73</b>	0.42	1.13	<b>7.02</b>	0.61	0.57	
<b>JKTZQ2</b>	<b>5.20</b>	-1.19	0.27	<b>4.10</b>	-0.79	0.24	<b>7.59</b>	-0.55	0.66	<b>5.56</b>	-0.84	0.57	<b>6.83</b>	-0.97	1.61	
<b>K8JPY6</b>	<b>5.31</b>	-0.17	0.00	<b>4.26</b>	0.46	0.00	<b>6.76</b>	-6.86X	0.00	<b>5.57</b>	-0.75	0.00	<b>6.95</b>	0.03	0.00	
<b>KLXV4C</b>	<b>5.40</b>	0.58	2.31	<b>4.23</b>	0.25	1.20	<b>7.73</b>	0.50	0.84	<b>5.53</b>	-1.01	2.06	<b>6.90</b>	-0.42	0.00	
<b>MJMWLE</b>	<b>5.39</b>	0.46	1.09	<b>4.21</b>	0.05	1.97	<b>7.60</b>	-0.48	0.88	<b>5.64</b>	-0.23	1.01	<b>7.02</b>	0.61	0.80	
<b>MPDAKH</b>	<b>5.16</b>	-1.51	0.40	<b>3.97</b>	-1.73	0.43	<b>7.36</b>	-2.31	0.25	<b>5.70</b>	0.18	0.36	<b>6.73</b>	-1.83	0.46	
<b>MPRNWX</b>	<b>5.30</b>	-0.32	0.13	<b>4.19</b>	-0.10	0.32	<b>7.72</b>	0.43	0.30	<b>5.68</b>	0.06	0.37	<b>6.99</b>	0.36	0.26	
<b>MYEUMA</b>	<b>5.37</b>	0.35	1.16	<b>4.27</b>	0.51	0.67	<b>7.81</b>	1.10	0.75	<b>5.66</b>	-0.13	1.92	<b>7.01</b>	0.53	1.71	
<b>N4RMJU</b>	<b>6.45</b>	9.68X	1.93	<b>4.51</b>	2.39	3.11	<b>7.39</b>	-2.11	5.60	<b>5.62</b>	-0.42	2.39	<b>6.87</b>	-0.64	0.35	
<b>NBPLQA</b>	<b>5.40</b>	0.58	0.00	<b>4.10</b>	-0.76	0.00	<b>7.57</b>	-0.75	0.84	<b>5.67</b>	-0.06	1.03	<b>6.90</b>	-0.42	0.00	
<b>NC2EMX</b>	<b>5.85</b>	4.47X	4.41	<b>4.95</b>	5.71X	3.47	<b>7.68</b>	0.08	0.88	<b>6.16</b>	3.43	0.80	<b>7.08</b>	1.08	1.81	
<b>NGUHF2</b>	<b>5.37</b>	0.29	1.33	<b>4.07</b>	-1.02	1.20	<b>7.70</b>	0.25	0.00	<b>5.52</b>	-1.13	0.51	<b>6.97</b>	0.14	0.66	
<b>NJJU9F</b>	<b>5.39</b>	0.46	0.13	<b>4.24</b>	0.30	0.00	<b>7.72</b>	0.43	0.08	<b>5.75</b>	0.51	0.37	<b>6.90</b>	-0.44	0.57	
<b>NNA4JD</b>	<b>6.04</b>	6.12X	5.84	<b>4.37</b>	1.27	1.33	<b>7.02</b>	-4.85X	2.84	<b>6.60</b>	6.61X	3.83	<b>6.53</b>	-3.47X	1.25	
<b>NQFN7E</b>	<b>5.28</b>	-0.43	0.13	<b>4.25</b>	0.36	0.24	<b>7.68</b>	0.08	0.08	<b>5.43</b>	-1.77	0.27	<b>6.83</b>	-0.97	0.26	
<b>PAC832</b>	<b>5.38</b>	0.38	3.05	<b>4.06</b>	-1.04	0.73	<b>7.64</b>	-0.18	0.22	<b>5.68</b>	0.04	0.00	<b>7.08</b>	1.06	1.71	
<b>PVUG4Y</b>	<b>5.50</b>	1.45		<b>4.30</b>	0.76	0.00	<b>7.70</b>	0.25	0.00	<b>5.70</b>	0.18	0.00	<b>7.00</b>	0.42		
<b>PWJTW C</b>	<b>5.42</b>	0.75	0.40	<b>4.29</b>	0.71	0.43	<b>7.68</b>	0.08	0.30	<b>5.79</b>	0.79	0.27	<b>6.95</b>	0.00	0.23	
<b>QVRACQ</b>	<b>5.30</b>	-0.26	2.14	<b>4.10</b>	-0.74	1.46	<b>7.71</b>	0.30	0.47	<b>5.53</b>	-1.03	0.78	<b>6.89</b>	-0.50	1.42	
<b>R732FQ</b>	<b>5.33</b>	0.00	0.35	<b>4.21</b>	0.08	0.21	<b>7.58</b>	-0.63	0.08	<b>5.84</b>	1.17	0.31	<b>6.95</b>	0.00	0.79	
<b>RCPNBV</b>	<b>5.56</b>	1.94	0.93	<b>4.38</b>	1.40	0.24	<b>7.45</b>	-1.63	0.53	<b>5.73</b>	0.42	0.27	<b>6.85</b>	-0.81	0.26	
<b>REHMK N</b>	<b>5.36</b>	0.23	1.51	<b>4.18</b>	-0.15	0.62	<b>7.72</b>	0.43	0.22	<b>5.62</b>	-0.39	0.78	<b>6.99</b>	0.36	1.25	
<b>RQB4DV</b>	<b>5.34</b>	0.03	0.87	<b>4.22</b>	0.15	0.75	<b>7.67</b>	0.05	0.42	<b>5.65</b>	-0.15	0.54	<b>6.98</b>	0.28	0.57	
<b>VABCVP</b>	<b>5.31</b>	-0.23	0.87	<b>4.10</b>	-0.76	1.04	<b>7.54</b>	-0.98	1.12	<b>5.67</b>	-0.01	3.24	<b>6.81</b>	-1.17	2.40	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VHHAFM	5.25	-0.72	0.23	4.31	0.81	0.12	7.61	-0.45	0.08	5.78	0.75	0.18	6.99	0.33	0.00	
WM898M	5.54	1.83	1.16	4.43	1.78	1.35	7.63	-0.28	0.39	5.77	0.68	0.94	6.90	-0.39	0.47	
WR4PP9	5.40	0.58	0.00	4.27	0.51	2.40	7.70	0.25	1.46	5.70	0.18	0.00	6.97	0.14	1.31	
X3LMCR	5.39	0.52	1.16	4.19	-0.08	1.45	7.73	0.48	0.15	5.80	0.87	0.88	7.09	1.17	0.68	
X6BTWN	5.24	-0.78	1.18	4.15	-0.38	1.30	7.70	0.28	0.08	5.60	-0.56	1.54	6.88	-0.58	1.37	
XZCJK2	5.43	0.87	1.33	4.20	0.00	0.00	7.57	-0.75	0.84	5.50	-1.25		6.90	-0.42	0.00	
Y9NZR2	5.30	-0.29	0.00	4.10	-0.76	0.00	7.60	-0.50	0.00	5.70	0.18	0.00	6.90	-0.42	0.00	
YDXA2J	5.27	-0.58	0.35	4.22	0.18	0.32	7.65	-0.15	0.30	5.61	-0.49	0.72	6.93	-0.19	0.35	
YKW3Q4	5.35	0.12	0.81	4.21	0.08	0.21	7.82	1.16	0.29	5.59	-0.58	0.63	7.02	0.61	0.35	
ZDFKEH	5.32	-0.14	0.58	4.23	0.23	0.21	7.72	0.40	0.15	5.80	0.89	0.00	7.02	0.58	0.60	
ZGX28M	5.40	0.58	0.00	4.23	0.25	1.20	7.70	0.25	0.00	5.53	-1.01	1.03	7.10	1.25	0.00	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
Grand Median	5.33			4.20			7.67			5.68			6.95			
Median Abs Dev	0.06			0.05			0.06			0.07			0.06			
Avg Within Lab SD	0.04			0.05			0.07			0.06			0.04			
Labs Included	60			62			61			62			62			
Labs Reporting	63			63			63			63			63			





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9Q99HT</b>	<b>5.09</b>	-2.00	1.03	<b>3.82</b>	-1.95	1.14	<b>7.59</b>	-0.76	0.15	<b>5.24</b>	-1.73	0.52	<b>6.78</b>	-1.30	0.31	
<b>ANZDBV</b>	<b>5.79</b>	1.15	0.96	<b>4.39</b>	0.42	0.34	<b>7.53</b>	-1.05	1.87	<b>6.14</b>	1.01	1.33	<b>7.18</b>	1.12	0.91	
<b>B4RBDQ</b>	<b>5.52</b>	-0.06	0.46	<b>4.13</b>	-0.65	0.53	<b>7.88</b>	0.74	0.15	<b>5.81</b>	0.00	0.29	<b>6.97</b>	-0.14	0.24	
<b>DRRH26</b>	<b>5.70</b>	0.76		<b>5.07</b>	3.26		<b>8.43</b>	3.60X		<b>5.45</b>	-1.09		<b>7.12</b>	0.74		
<b>ELYW99</b>	<b>5.45</b>	-0.38	1.63	<b>4.17</b>	-0.52	3.07	<b>7.56</b>	-0.89	1.06	<b>5.63</b>	-0.55	2.06	<b>6.87</b>	-0.74	0.18	
<b>FWV6LK</b>	<b>5.59</b>	0.24	0.07	<b>4.34</b>	0.21	0.13	<b>7.55</b>	-0.93	0.38	<b>5.69</b>	-0.36	0.29	<b>6.99</b>	-0.02	0.24	
<b>H87JGH</b>	<b>5.51</b>	-0.09	0.19	<b>4.29</b>	0.01	0.15	<b>7.97</b>	1.20	0.20	<b>5.89</b>	0.23	0.22	<b>7.19</b>	1.14	0.36	
<b>HDAM7F</b>	<b>5.62</b>	0.41	0.32	<b>4.25</b>	-0.18	0.85	<b>7.69</b>	-0.22	1.50	<b>5.82</b>	0.02	1.77	<b>6.80</b>	-1.18	1.91	
<b>JE2Z7E</b>	<b>5.44</b>	-0.44	0.27	<b>4.23</b>	-0.25	0.46	<b>7.73</b>	-0.03	0.43	<b>5.84</b>	0.10	1.11	<b>7.09</b>	0.56	0.47	
<b>KLXV4C</b>	<b>5.55</b>	0.06	0.70	<b>4.27</b>	-0.07	0.60	<b>7.84</b>	0.53	2.04	<b>5.82</b>	0.02	0.96	<b>6.99</b>	-0.02	0.89	
<b>NBPLQA</b>	<b>5.61</b>	0.36	0.60	<b>4.20</b>	-0.39	0.07	<b>7.75</b>	0.09	0.13	<b>5.81</b>	-0.01	0.47	<b>6.99</b>	-0.04	0.82	
<b>NC2EMX</b>	<b>5.92</b>	1.77	1.66	<b>4.98</b>	2.88	2.00	<b>7.82</b>	0.45	1.54	<b>6.20</b>	1.17	2.15	<b>7.05</b>	0.32	1.43	
<b>NNA4JD</b>	<b>6.04</b>	2.32	2.83	<b>4.32</b>	0.14	0.75	<b>7.21</b>	-2.70	1.40	<b>6.73</b>	2.76	1.03	<b>6.57</b>	-2.54	2.73	
<b>R732FQ</b>	<b>5.48</b>	-0.23	0.19	<b>4.36</b>	0.29	0.13	<b>7.73</b>	0.00	0.08	<b>5.99</b>	0.54	0.25	<b>7.10</b>	0.62	0.54	
<b>RCPNBV</b>	<b>5.59</b>	0.27	0.15	<b>4.44</b>	0.63	0.26	<b>7.64</b>	-0.50	0.63	<b>5.93</b>	0.35	0.52	<b>7.03</b>	0.22	0.18	
<b>RQB4DV</b>	<b>5.46</b>	-0.32	0.27	<b>4.30</b>	0.03	0.19	<b>7.78</b>	0.24	0.13	<b>5.68</b>	-0.40	0.22	<b>7.05</b>	0.32	0.16	
<b>U7A393</b>	<b>8.39</b>	13.00X	0.27	<b>5.43</b>	4.75X	0.19	<b>6.99</b>	-3.82X	0.28	<b>6.42</b>	1.84	0.25	<b>5.72</b>	-7.69X	0.32	
<b>WJDZBT</b>	<b>5.40</b>	-0.61	1.27	<b>4.30</b>	0.04	1.28	<b>7.83</b>	0.52	0.77	<b>5.77</b>	-0.13	0.85	<b>7.00</b>	0.02	1.56	
<b>X8D3EJ</b>	<b>5.28</b>	-1.15	0.66	<b>4.00</b>	-1.23	0.15	<b>7.54</b>	-1.00	1.40	<b>5.46</b>	-1.05	0.56	<b>6.77</b>	-1.36	0.31	
<b>XEDFF9</b>	<b>5.45</b>	-0.38	0.38	<b>4.21</b>	-0.33	0.34	<b>7.80</b>	0.36	0.43	<b>5.79</b>	-0.05	0.81	<b>6.92</b>	-0.44	0.24	
<b>XZCJK2</b>	<b>5.64</b>	0.49	0.13	<b>4.29</b>	-0.01	0.27	<b>7.85</b>	0.60	0.23	<b>5.56</b>	-0.75	0.39	<b>7.10</b>	0.64	0.09	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	5.53	4.29	7.73	5.81	7.00	
<b>Median Abs Dev</b>	0.09	0.08	0.10	0.13	0.10	
<b>Avg Within Lab SD</b>	0.08	0.08	0.08	0.07	0.06	
<b>Labs Included</b>	20	20	19	21	20	
<b>Labs Reporting</b>	21	21	21	21	21	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>9EGFA7</b>	<b>4.90</b>	-0.90	0.00	<b>4.17</b>	0.00	0.80	<b>7.53</b>	-0.05	1.09	<b>4.97</b>	-0.54	1.00	<b>6.57</b>	-0.67	1.37	
<b>CL9R26</b>	<b>5.07</b>	0.51	0.16	<b>4.15</b>	-0.16	0.41	<b>7.67</b>	0.90	0.11	<b>5.02</b>	0.07	0.50	<b>6.77</b>	1.52	0.99	
<b>ELYW99</b>	<b>4.88</b>	-1.03	0.57	<b>4.06</b>	-1.01	0.24	<b>7.36</b>	-1.25	0.22	<b>4.88</b>	-1.45	0.20	<b>6.62</b>	-0.14	0.99	
<b>HMG4V2</b>	<b>5.21</b>	1.67	3.71	<b>4.25</b>	0.82	0.32	<b>7.50</b>	-0.26	0.90	<b>4.99</b>	-0.25	0.85	<b>6.48</b>	-1.55	0.55	
<b>JE2Z7E</b>	<b>5.01</b>	0.01	0.59	<b>4.22</b>	0.54	0.16	<b>7.46</b>	-0.59	0.94	<b>5.07</b>	0.54	0.44	<b>6.61</b>	-0.25	0.76	
<b>JUGU3X</b>	<b>5.14</b>	1.09	0.71	<b>4.33</b>	1.58	0.69	<b>7.59</b>	0.35	2.61	<b>5.15</b>	1.49	1.61	<b>6.67</b>	0.39	1.93	
<b>K8JPY6</b>	<b>5.07</b>	0.51	0.00	<b>4.18</b>	0.09	0.00	<b>6.62</b>	-6.51X	0.00	<b>5.05</b>	0.36	0.00	<b>6.69</b>	0.60	0.00	
<b>MPRNWX</b>	<b>4.89</b>	-0.95	0.34	<b>4.05</b>	-1.10	0.24	<b>7.55</b>	0.05	0.44	<b>4.96</b>	-0.62	0.30	<b>6.58</b>	-0.56	0.55	
<b>N4RMJU</b>	<b>5.92</b>	7.52X	2.03	<b>4.35</b>	1.74	4.11	<b>7.22</b>	-2.27	0.33	<b>4.80</b>	-2.40	3.24	<b>6.07</b>	-5.93X	1.56	
<b>PAC832</b>	<b>5.01</b>	0.04	0.25	<b>4.22</b>	0.51	0.24	<b>7.57</b>	0.24	0.77	<b>5.11</b>	1.02	0.30	<b>6.64</b>	0.07	1.22	
<b>RCPNBV</b>	<b>5.24</b>	1.92	0.43	<b>4.31</b>	1.39	0.08	<b>7.47</b>	-0.47	0.11	<b>5.17</b>	1.63	0.20	<b>6.72</b>	0.92	0.36	
<b>RQB4DV</b>	<b>5.02</b>	0.07	0.52	<b>4.19</b>	0.22	0.28	<b>7.59</b>	0.35	0.50	<b>5.02</b>	0.04	0.60	<b>6.66</b>	0.35	0.49	
<b>VHHAFM</b>	<b>4.94</b>	-0.54	0.09	<b>4.03</b>	-1.29	0.14	<b>7.47</b>	-0.47	0.22	<b>5.02</b>	0.00	0.10	<b>6.58</b>	-0.53	0.24	
<b>WM898M</b>	<b>5.07</b>	0.51	0.33	<b>4.20</b>	0.32	0.14	<b>7.15</b>	-2.79	1.23	<b>5.08</b>	0.65	0.61	<b>6.34</b>	-3.11	1.07	
<b>WR4PP9</b>	<b>4.97</b>	-0.34	0.94	<b>4.10</b>	-0.63	0.00	<b>7.60</b>	0.43	1.90	<b>5.00</b>	-0.18		<b>6.67</b>	0.39	1.37	
<b>X6BTWN</b>	<b>4.98</b>	-0.23	0.99	<b>4.15</b>	-0.13	0.57	<b>7.59</b>	0.35	0.00	<b>5.01</b>	-0.11	0.66	<b>6.56</b>	-0.71	0.27	
<b>Y9NZR2</b>	<b>4.90</b>	-0.90	0.00	<b>4.10</b>	-0.63	0.00	<b>7.53</b>	-0.05	1.09	<b>4.97</b>	-0.54	1.00	<b>6.63</b>	0.04	1.37	
<b>YKW3Q4</b>	<b>4.90</b>	-0.90	0.43	<b>4.12</b>	-0.44	0.00	<b>7.65</b>	0.76	0.79	<b>4.96</b>	-0.65	0.56	<b>6.63</b>	-0.04	1.31	
<b>ZDFKEH</b>	<b>5.01</b>	-0.01	0.50	<b>4.14</b>	-0.22	0.21	<b>7.61</b>	0.50	0.38	<b>5.04</b>	0.25	0.17	<b>6.66</b>	0.32	0.82	

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	5.01			4.17			7.54			5.02			6.63			
<b>Median Abs Dev</b>	0.06			0.06			0.06			0.05			0.04			
<b>Avg Within Lab SD</b>	0.06			0.07			0.05			0.06			0.04			
<b>Labs Included</b>	18			19			18			19			18			
<b>Labs Reporting</b>	19			19			19			19			19			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>ELYW99</b>	<b>5.05</b>	0.04	0.47	<b>4.17</b>	0.15	0.23	<b>7.35</b>	-0.33	0.58	<b>5.07</b>	0.24	0.76	<b>6.40</b>	-0.70	1.60	
<b>FBV7XL</b>	<b>5.03</b>	-0.04	0.72	<b>4.30</b>	1.64	0.00	<b>6.97</b>	-1.54	2.51	<b>4.97</b>	-0.43	0.61	<b>6.40</b>	-0.70	1.28	
<b>JE2Z7E</b>	<b>4.98</b>	-0.43	0.29	<b>4.15</b>	0.00	0.23	<b>7.55</b>	0.27	0.33	<b>5.03</b>	0.00	0.34	<b>6.64</b>	0.28	0.39	
<b>KLXV4C</b>	<b>5.12</b>	0.54	1.10	<b>4.14</b>	-0.15	1.07	<b>7.70</b>	0.76	0.22	<b>4.97</b>	-0.41	0.18	<b>6.61</b>	0.15	0.67	
<b>NBPLQA</b>	<b>5.04</b>	0.00	0.37	<b>4.11</b>	-0.52	0.62	<b>7.59</b>	0.42	0.08	<b>4.92</b>	-0.71	0.27	<b>6.53</b>	-0.19	0.41	
<b>NJJU9F</b>	<b>5.00</b>	-0.29	0.07	<b>4.21</b>	0.63	0.70	<b>7.68</b>	0.67	0.27	<b>5.04</b>	0.02	0.12	<b>6.67</b>	0.40	0.27	
<b>NNA4JD</b>	<b>5.27</b>	1.52	2.32	<b>4.13</b>	-0.22	2.48	<b>6.80</b>	-2.05	1.39	<b>5.48</b>	2.88	2.79	<b>5.93</b>	-2.60	1.93	
<b>RCPNBV</b>	<b>5.49</b>	3.02	1.18	<b>4.38</b>	2.53	0.00	<b>7.46</b>	0.00	0.16	<b>5.17</b>	0.86	0.12	<b>6.83</b>	1.04	0.38	
<b>XZCJK2</b>	<b>5.01</b>	-0.18	0.19	<b>4.13</b>	-0.22	0.84	<b>7.45</b>	-0.03	0.43	<b>4.95</b>	-0.52	0.06	<b>6.57</b>	0.00	0.27	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	5.04			4.15			7.46			5.03			6.57			
<b>Median Abs Dev</b>	0.04			0.02			0.13			0.07			0.10			
<b>Avg Within Lab SD</b>	0.08			0.02			0.18			0.09			0.08			
<b>Labs Included</b>	9			9			9			9			9			
<b>Labs Reporting</b>	9			9			9			9			9			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m		
SRS1706				SRS1707				SRS1708				SRS1709			SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>ANZDBV</b>	<b>0.13</b>		1.00	<b>0.13</b>		1.00	<b>1.22</b>		1.00	<b>0.03</b>		1.00	<b>0.18</b>		1.00		

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m		
SRS1706				SRS1707				SRS1708				SRS1709			SRS1710		
<b>Grand Median</b>	0.13			0.13			1.22			0.033			0.18				
<b>Median Abs Dev</b>	0.00			0.00			0.04			0.003			0.03				
<b>Avg Within Lab SD</b>	0.00			0.00			0.04			0.003			0.03				
<b>Labs Included</b>	1			1			1			1			1				
<b>Labs Reporting</b>	1			1			1			1			1				



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>6.81</b>	-0.77	0.45	<b>5.80</b>	-0.11	0.23	<b>7.41</b>	-0.51	0.92	<b>6.49</b>	-0.03	0.29	<b>7.18</b>	-0.02	0.98	
<b>93PRHD</b>	<b>6.70</b>	-1.54	0.00	<b>6.60</b>	3.28	0.00	<b>7.00</b>	-2.97		<b>6.70</b>	1.69	0.00	<b>6.77</b>	-2.97	1.41	
<b>BKHDTU</b>	<b>6.93</b>	0.14	1.03	<b>5.90</b>	0.30	0.00	<b>7.50</b>	0.05		<b>6.40</b>	-0.76	0.00	<b>7.20</b>	0.14	0.00	
<b>CL9R26</b>	<b>6.79</b>	-0.86	0.55	<b>5.83</b>	0.00	0.92	<b>7.49</b>	-0.01	0.22	<b>6.46</b>	-0.27	0.73	<b>7.18</b>	-0.02	0.56	
<b>FBV7XL</b>	<b>6.83</b>	-0.58	1.03	<b>5.87</b>	0.16	1.74	<b>7.37</b>	-0.76	1.27	<b>6.53</b>	0.33	0.84	<b>7.13</b>	-0.34	1.41	
<b>K8JPY6</b>	<b>7.01</b>	0.70	0.00	<b>6.07</b>	1.01	0.00	<b>7.58</b>	0.55	0.00	<b>6.42</b>	-0.63	0.00	<b>7.37</b>	1.36	0.00	
<b>NJJU9F</b>	<b>7.03</b>	0.84	0.00	<b>5.82</b>	-0.04	0.15	<b>7.57</b>	0.45	0.13	<b>6.49</b>	0.00	0.47	<b>7.27</b>	0.62	0.14	
<b>PAC832</b>	<b>6.84</b>	-0.55	1.60	<b>5.63</b>	-0.84	0.48	<b>7.49</b>	0.01	0.51	<b>6.57</b>	0.63	1.20	<b>7.25</b>	0.48	0.61	
<b>RCPNBV</b>	<b>6.91</b>	0.00	0.99	<b>5.66</b>	-0.72	1.70	<b>7.31</b>	-1.08	2.21	<b>6.30</b>	-1.61	1.86	<b>7.08</b>	-0.74	1.10	
<b>REHMKN</b>	<b>7.06</b>	1.08	0.68	<b>5.99</b>	0.67	1.21	<b>7.55</b>	0.35	0.58	<b>6.62</b>	1.04	0.39	<b>7.28</b>	0.72	0.88	
<b>VABCVP</b>	<b>6.96</b>	0.36	2.09	<b>5.76</b>	-0.30	1.57				<b>6.55</b>	0.44	2.10	<b>7.18</b>	0.00	1.84	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	6.91			5.83			7.49			6.49			7.18			
<b>Median Abs Dev</b>	0.10			0.07			0.08			0.08			0.07			
<b>Avg Within Lab SD</b>	0.06			0.07			0.05			0.07			0.04			
<b>Labs Included</b>	11			11			10			11			11			
<b>Labs Reporting</b>	11			11			10			11			11			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>7.07</b>	0.00	0.82	<b>6.06</b>	0.83	1.94	<b>7.56</b>	0.42	0.88	<b>6.65</b>	0.77	1.08	<b>7.28</b>	0.45	0.37	
<b>3GNWVG</b>	<b>7.12</b>	0.34	0.00	<b>6.16</b>	1.33	0.20	<b>7.57</b>	0.57	0.17	<b>6.76</b>	1.40	1.12	<b>7.31</b>	0.76	0.00	
<b>4RKER2</b>	<b>7.08</b>	0.09	0.18	<b>5.86</b>	-0.23	0.10	<b>7.54</b>	0.14	0.17	<b>6.39</b>	-0.73	0.00	<b>7.22</b>	-0.15	0.22	
<b>62PGXK</b>	<b>7.07</b>	0.00	0.31	<b>5.88</b>	-0.14	0.31	<b>7.49</b>	-0.46	0.17	<b>6.39</b>	-0.75	0.33	<b>7.19</b>	-0.45	0.22	
<b>AG4E6F</b>	<b>7.13</b>	0.41	0.00	<b>5.88</b>	-0.14	0.00	<b>7.50</b>	-0.30	0.29	<b>6.42</b>	-0.56	0.00	<b>7.20</b>	-0.32	0.12	
<b>CL9R26</b>	<b>6.89</b>	-1.25	1.90	<b>5.89</b>	-0.07	0.54	<b>7.48</b>	-0.53	0.77	<b>6.46</b>	-0.33	1.35	<b>7.15</b>	-0.82	0.12	
<b>FLDNVY</b>	<b>7.10</b>	0.20	0.00	<b>6.13</b>	1.21	1.02	<b>7.50</b>	-0.30		<b>6.53</b>	0.10	1.25	<b>7.27</b>	0.32	1.24	
<b>FZYVW7</b>	<b>6.83</b>	-1.62	0.24	<b>5.79</b>	-0.63	0.24	<b>7.47</b>	-0.67	0.19	<b>6.37</b>	-0.83	0.38	<b>7.15</b>	-0.90	0.15	
<b>HYFT33</b>	<b>6.91</b>	-1.09	0.54	<b>5.91</b>	0.04	1.58	<b>7.51</b>	-0.14	0.17	<b>6.70</b>	1.05	1.08	<b>7.29</b>	0.59	0.33	
<b>JKTZQ2</b>	<b>6.88</b>	-1.27	1.44	<b>5.65</b>	-1.37	0.35	<b>7.43</b>	-1.13	1.63	<b>6.19</b>	-1.86	1.86	<b>7.15</b>	-0.82	3.38	
<b>M4WU6B</b>	<b>7.14</b>	0.50	0.48	<b>6.15</b>	1.28	0.10	<b>7.73</b>	2.40	0.17	<b>6.67</b>	0.86	0.12	<b>7.42</b>	1.87	0.22	
<b>MPRNWX</b>	<b>6.99</b>	-0.57	0.48	<b>5.85</b>	-0.28	0.27	<b>7.50</b>	-0.34	0.17	<b>6.48</b>	-0.21	0.43	<b>7.21</b>	-0.29	0.25	
<b>N4RMJU</b>	<b>7.23</b>	1.11	0.36	<b>6.20</b>	1.54	0.73	<b>7.54</b>	0.18	1.52	<b>6.71</b>	1.09	0.82	<b>7.28</b>	0.49	0.25	
<b>NC2EMX</b>	<b>7.19</b>	0.80	0.95	<b>6.04</b>	0.69	2.90	<b>7.65</b>	1.45	2.56	<b>6.58</b>	0.36	0.57	<b>7.35</b>	1.13	1.08	
<b>NQFN7E</b>	<b>6.91</b>	-1.09	0.00	<b>5.76</b>	-0.78	0.18	<b>7.49</b>	-0.42	0.00	<b>6.38</b>	-0.81	0.12	<b>7.16</b>	-0.76	0.00	
<b>R732FQ</b>	<b>7.01</b>	-0.41	0.31	<b>5.78</b>	-0.69	0.27	<b>7.59</b>	0.81	0.61	<b>6.41</b>	-0.59	0.33	<b>7.15</b>	-0.82	0.45	
<b>RQB4DV</b>	<b>7.11</b>	0.30	1.00	<b>5.97</b>	0.34	0.77	<b>7.57</b>	0.57	1.11	<b>6.55</b>	0.19	0.99	<b>7.32</b>	0.86	0.86	
<b>X3LMCR</b>	<b>7.01</b>	-0.39	2.65	<b>6.05</b>	0.76	1.24	<b>7.55</b>	0.34	1.22	<b>6.55</b>	0.19	2.25	<b>7.25</b>	0.15	1.08	
<b>X6BTWN</b>	<b>7.10</b>	0.20	1.89	<b>6.11</b>	1.10	0.91	<b>7.60</b>	0.85	1.66	<b>6.64</b>	0.71	0.99	<b>7.32</b>	0.86	1.29	
<b>ZGX28M</b>	<b>6.80</b>	-1.84	0.00	<b>5.90</b>	-0.04	0.00	<b>7.40</b>	-1.49	0.00	<b>6.50</b>	-0.10		<b>7.17</b>	-0.69	1.24	

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	7.07			5.91			7.53			6.52			7.24			
<b>Median Abs Dev</b>	0.07			0.13			0.04			0.13			0.07			
<b>Avg Within Lab SD</b>	0.03			0.06			0.03			0.05			0.05			
<b>Labs Included</b>	20			20			20			20			20			
<b>Labs Reporting</b>	20			20			20			20			20			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS1710				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8YWAN8</b>	<b>7.77</b>		0.36	<b>7.02</b>		0.59	<b>7.77</b>		0.21	<b>7.19</b>		0.25	<b>7.70</b>		0.48			
<b>DZ6Q37</b>	<b>7.68</b>		0.75	<b>6.99</b>		1.35	<b>7.72</b>		0.96	<b>7.21</b>		1.54	<b>7.64</b>		1.25			
<b>PAC832</b>	<b>7.69</b>		1.77	<b>6.90</b>		1.35	<b>7.73</b>		0.96	<b>7.25</b>		1.13	<b>7.69</b>		1.34			
<b>YDXA2J</b>	<b>7.68</b>		0.41	<b>6.98</b>		0.00	<b>7.75</b>		1.46	<b>7.22</b>		0.54	<b>7.67</b>		0.64			
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS1710				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
<b>Grand Median</b>	7.69			6.99			7.74			7.22			7.68					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.03			0.06			0.03			0.05			0.02					
<b>Labs Included</b>	4			4			4			4			4					
<b>Labs Reporting</b>	4			4			4			4			4					





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>6.60</b>	-0.57	0.16	<b>6.00</b>	0.19		<b>7.21</b>	0.02	0.72	<b>6.43</b>	-0.10	1.47	<b>6.91</b>	-2.33	0.97	
<b>K8JPY6</b>	<b>6.93</b>	1.31	0.00	<b>6.62</b>	2.13	0.00	<b>7.06</b>	-2.00	0.00	<b>6.65</b>	1.17	0.00	<b>6.99</b>	0.09	0.00	
<b>MPRNWX</b>	<b>6.89</b>	1.07	0.28	<b>5.78</b>	-0.50	0.12	<b>7.11</b>	-1.33	0.42	<b>6.38</b>	-0.41	0.44	<b>6.99</b>	0.09	0.59	
<b>N4RMJU</b>	<b>6.80</b>	0.58	0.90	<b>6.17</b>	0.72	1.44	<b>7.22</b>	0.20	0.87	<b>6.52</b>	0.43	1.06	<b>7.00</b>	0.37	0.59	
<b>PAC832</b>	<b>6.63</b>	-0.36	1.91	<b>5.95</b>	0.05	1.06	<b>7.21</b>	-0.02	1.69	<b>6.47</b>	0.10	1.40	<b>6.97</b>	-0.65	1.46	
<b>RQB4DV</b>	<b>6.52</b>	-0.97	1.44	<b>5.58</b>	-1.11	0.72	<b>7.19</b>	-0.29	1.28	<b>6.11</b>	-1.99	0.92	<b>6.95</b>	-1.21	1.11	
<b>WM898M</b>	<b>6.65</b>	-0.27	0.84	<b>5.73</b>	-0.65	1.03	<b>7.30</b>	1.19	0.64	<b>6.27</b>	-1.06	1.02	<b>7.01</b>	0.56	0.77	
<b>X6BTWN</b>	<b>6.75</b>	0.27	0.81	<b>5.92</b>	-0.05	1.49	<b>7.23</b>	0.34	1.28	<b>6.47</b>	0.14	0.82	<b>6.99</b>	-0.09	1.56	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	<b>Grand Median</b>	6.70			5.94			7.21			6.45			6.99		
<b>Median Abs Dev</b>	0.10			0.19			0.02			0.07			0.02			
<b>Avg Within Lab SD</b>	0.04			0.05			0.02			0.04			0.03			
<b>Labs Included</b>	8			8			8			8			8			
<b>Labs Reporting</b>	8			8			8			8			8			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8FXGET</b>	<b>6.25</b>		1.40	<b>5.66</b>		0.72				<b>6.00</b>		0.90				
<b>9N87RR</b>	<b>6.23</b>		0.94	<b>5.55</b>		1.31	<b>6.82</b>		1.22	<b>5.95</b>		1.25	<b>6.42</b>		1.31	
<b>N4RMJU</b>	<b>6.22</b>		1.08	<b>5.23</b>		0.87	<b>6.99</b>		0.71	<b>5.98</b>		0.60	<b>6.55</b>		0.52	
<b>WR4PP9</b>	<b>6.20</b>		0.00	<b>5.50</b>						<b>5.93</b>		1.13	<b>6.40</b>			

Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>		6.23			5.52			6.91			5.97			6.42		
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>		0.03			0.10			0.01			0.05			0.02		
<b>Labs Included</b>		4			4			2			4			3		
<b>Labs Reporting</b>		4			4			2			4			3		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>70.7</b>	0.8	0.5	<b>63.9</b>	0.0	0.5	<b>271.8</b>	-0.6	1.0	<b>0.3</b>	-0.9	0.0	<b>57.7</b>	0.9	0.7	
<b>3GNWVG</b>	<b>76.8</b>	1.3	0.2	<b>53.1</b>	-1.7	0.8	<b>328.3</b>	0.8	0.2	<b>2.9</b>	0.8	0.2	<b>47.4</b>	-1.0	1.3	
<b>3N7DDH</b>	<b>79.1</b>	1.5	0.4	<b>61.0</b>	-0.4	0.7	<b>323.2</b>	0.7	0.3	<b>7.5</b>	4.0	2.0	<b>57.0</b>	0.8	0.5	
<b>4YJWBK</b>	<b>71.8</b>	0.9	0.7	<b>61.5</b>	-0.3	0.2	<b>286.1</b>	-0.2	0.2	<b>1.7</b>	0.0	0.3	<b>50.8</b>	-0.4	0.7	
<b>8HMNYQ</b>	<b>55.3</b>	-0.4	0.6	<b>63.8</b>	0.0	1.5	<b>83.5</b>	<b>-5.4X</b>	0.3	<b>2.3</b>	0.4	0.4	<b>51.7</b>	-0.2	0.4	
<b>93PRHD</b>	<b>71.3</b>	0.9	0.8	<b>62.7</b>	-0.2	0.6	<b>266.7</b>	-0.7	0.2	<b>1.8</b>	0.1	0.2	<b>56.7</b>	0.7	0.5	
<b>9Q99HT</b>	<b>61.3</b>	0.1	2.1	<b>64.4</b>	0.1	0.5	<b>383.4</b>	2.2	2.7	<b>1.9</b>	0.2	2.6	<b>60.2</b>	1.4	1.7	
<b>AG4E6F</b>	<b>60.3</b>	0.0	0.2	<b>55.3</b>	-1.3	0.2	<b>272.7</b>	-0.6	0.3	<b>3.2</b>	1.1	0.3	<b>50.9</b>	-0.4	0.6	
<b>B4RBDQ</b>	<b>55.2</b>	-0.4	1.3	<b>63.9</b>	0.0	1.6	<b>259.3</b>	-0.9	1.1	<b>2.4</b>	0.5	0.9	<b>47.9</b>	-0.9	0.2	
<b>BC88YC</b>	<b>52.6</b>	-0.6	0.6	<b>63.2</b>	-0.1	0.8	<b>274.7</b>	-0.5	0.2	<b>0.4</b>	-0.9	0.0	<b>52.9</b>	0.0	0.3	
<b>C932XC</b>	<b>58.7</b>	-0.1	0.2	<b>65.1</b>	0.2	0.1	<b>331.7</b>	0.9	0.0	<b>0.9</b>	-0.5	2.5	<b>56.1</b>	0.6	0.6	
<b>CERGN4</b>	<b>53.8</b>	-0.5	0.0	<b>63.6</b>	0.0	0.0	<b>260.1</b>	-0.9	0.0	<b>1.5</b>	-0.1		<b>50.3</b>	-0.5	0.0	
<b>CL9R26</b>	<b>59.1</b>	-0.1	0.5	<b>66.0</b>	0.4	0.7	<b>303.7</b>	0.2	0.3	<b>2.5</b>	0.6	0.6	<b>56.6</b>	0.7	0.8	
<b>DRRH26</b>	<b>55.6</b>	-0.4	0.0	<b>64.7</b>	0.2	0.8	<b>312.0</b>	0.4	0.5	<b>2.3</b>	0.4	1.2	<b>55.9</b>	0.6	0.1	
<b>DZ6Q37</b>	<b>63.4</b>	0.2	0.9	<b>53.5</b>	-1.6	2.2	<b>259.4</b>	-0.9	2.5	<b>1.0</b>	-0.4	1.6	<b>51.3</b>	-0.3	3.6	
<b>FBV7XL</b>	<b>53.4</b>	-0.5	0.9	<b>65.1</b>	0.2	0.5	<b>306.3</b>	0.3	0.6	<b>2.0</b>	0.2	1.2	<b>52.0</b>	-0.2	0.9	
<b>FLDNVY</b>	<b>73.1</b>	1.0	0.4	<b>68.4</b>	0.8	0.4	<b>326.4</b>	0.8	0.3	<b>1.5</b>	-0.1		<b>59.1</b>	1.2	0.4	
<b>FWV6LK</b>	<b>57.3</b>	-0.2	0.5	<b>61.5</b>	-0.3	0.2	<b>357.7</b>	1.6	0.5	<b>1.2</b>	-0.3	0.5	<b>56.3</b>	0.6	0.1	
<b>FZYVW7</b>	<b>69.1</b>	0.7	0.2	<b>64.4</b>	0.1	0.2	<b>321.2</b>	0.7	1.1	<b>0.7</b>	-0.7	1.2	<b>58.0</b>	1.0	0.6	
<b>HDAM7F</b>	<b>49.5</b>	-0.8	0.7	<b>52.6</b>	-1.8	0.8	<b>289.7</b>	-0.1	0.6	<b>1.2</b>	-0.3	0.4	<b>52.9</b>	0.0	1.5	
<b>J4PDHM</b>	<b>51.8</b>	-0.7	0.1	<b>62.6</b>	-0.2	0.4	<b>304.7</b>	0.2	0.6	<b>1.3</b>	-0.2	0.2	<b>53.0</b>	0.0	0.3	
<b>JHJX2V</b>	<b>77.6</b>	1.3	0.2	<b>70.9</b>	1.2	0.6	<b>309.0</b>	0.4	1.0	<b>3.0</b>	0.9	0.5	<b>51.4</b>	-0.3	0.5	
<b>JKTZQ2</b>	<b>72.0</b>	0.9	0.1	<b>60.7</b>	-0.5	0.2	<b>293.5</b>	0.0	0.5	<b>2.3</b>	0.4	0.7	<b>49.4</b>	-0.7	0.5	
<b>JUGU3X</b>	<b>49.9</b>	-0.8	0.2	<b>58.8</b>	-0.8	0.6	<b>263.9</b>	-0.8	0.4	<b>1.4</b>	-0.2	0.2	<b>50.8</b>	-0.4	0.4	
<b>N4RMJU</b>	<b>53.0</b>	-0.6	0.2	<b>56.3</b>	-1.2	0.6	<b>270.0</b>	-0.6	1.5	<b>1.0</b>	-0.4		<b>51.7</b>	-0.2	0.8	
<b>NC2EMX</b>	<b>66.0</b>	0.4	1.8	<b>65.3</b>	0.3	2.0	<b>248.7</b>	-1.2	0.5	<b>11.0</b>	6.4	2.2	<b>53.7</b>	0.2	0.9	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>NGUHF2</b>	<b>68.7</b>	0.7	0.3	<b>63.7</b>	0.0	0.5	<b>296.7</b>	0.0	0.4	<b>3.0</b>	0.9		<b>55.3</b>	0.5	0.2
<b>NJJU9F</b>	<b>59.4</b>	-0.1	0.4	<b>65.6</b>	0.3	0.7	<b>325.9</b>	0.8	0.8	<b>1.2</b>	-0.3	0.0	<b>54.3</b>	0.3	0.5
<b>NVC7PZ</b>	<b>79.5</b>	1.5	0.1	<b>76.4</b>	2.1	0.3	<b>347.3</b>	1.3	0.2	<b>0.3</b>	-0.9	0.0	<b>64.8</b>	2.3	0.1
<b>PAC832</b>	<b>48.4</b>	-0.9	0.5	<b>62.1</b>	-0.2	0.6	<b>287.2</b>	-0.2	0.3	<b>0.6</b>	-0.7	0.1	<b>52.3</b>	-0.1	0.8
<b>QVRACQ</b>	<b>49.6</b>	-0.8	0.4	<b>56.5</b>	-1.1	0.3	<b>270.9</b>	-0.6	1.7	<b>1.6</b>	0.0	0.5	<b>47.7</b>	-1.0	0.4
<b>R732FQ</b>	<b>65.1</b>	0.4	0.3	<b>65.8</b>	0.4	0.2	<b>280.1</b>	-0.4	0.2	<b>2.9</b>	0.9	0.0	<b>52.8</b>	0.0	0.9
<b>RCPNBV</b>	<b>42.6</b>	-1.4	0.6	<b>50.8</b>	-2.1	1.0	<b>277.7</b>	-0.4	0.9				<b>41.8</b>	-2.1	0.7
<b>REHMKN</b>	<b>57.3</b>	-0.2	0.2	<b>65.0</b>	0.2	0.4	<b>309.6</b>	0.4	0.3	<b>2.2</b>	0.4	1.3	<b>56.3</b>	0.7	1.1
<b>RQB4DV</b>	<b>74.4</b>	1.1	0.3	<b>69.5</b>	1.0	0.4	<b>304.8</b>	0.2	0.6	<b>1.6</b>	0.0	0.2	<b>59.1</b>	1.2	0.4
<b>WJDZBT</b>	<b>52.8</b>	-0.6	0.1	<b>64.3</b>	0.1	0.5	<b>320.8</b>	0.7	1.8	<b>1.6</b>	0.0	1.0	<b>46.3</b>	-1.2	0.9
<b>WM898M</b>	<b>85.3</b>	1.9	1.1	<b>83.0</b>	3.1	1.9	<b>393.0</b>	2.5	1.5	<b>2.0</b>	0.2	0.4	<b>73.7</b>	<b>3.9X</b>	2.0
<b>WR4PP9</b>	<b>66.3</b>	0.5	4.8	<b>58.7</b>	-0.8	3.5	<b>292.1</b>	-0.1	2.5	<b>1.0</b>	-0.4		<b>46.7</b>	-1.2	2.8
<b>X6BTWN</b>	<b>66.4</b>	0.5	1.1	<b>61.3</b>	-0.4	0.9	<b>300.0</b>	0.1	0.8	<b>1.9</b>	0.2	0.6	<b>54.8</b>	0.4	0.6
<b>YDXA2J</b>	<b>63.9</b>	0.3	0.0	<b>60.5</b>	-0.5	0.4	<b>275.7</b>	-0.5	0.1	<b>1.1</b>	-0.3	0.1	<b>48.3</b>	-0.9	0.3
<b>ZGX28M</b>	<b>51.2</b>	-0.7	0.2	<b>54.9</b>	-1.4	1.0	<b>244.0</b>	-1.3	0.1	<b>2.6</b>	0.6	0.5	<b>46.1</b>	-1.3	0.3

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	60.3			63.6			295.1			1.64			52.9		
<b>Median Abs Dev</b>	7.7			2.2			23.7			0.62			3.3		
<b>Avg Within Lab SD</b>	4.5			2.5			14.9			0.46			2.5		
<b>Labs Included</b>	41			41			40			40			40		
<b>Labs Reporting</b>	41			41			41			40			41		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4RKER2</b>	<b>60.8</b>	1.2	0.5	<b>63.7</b>	0.3	0.2	<b>379.7</b>	1.0	0.1	<b>1.1</b>	0.0	0.1	<b>53.6</b>	0.1	0.7	
<b>62PGXK</b>	<b>57.2</b>	0.4	1.2	<b>68.3</b>	0.6	1.2	<b>265.0</b>	0.0	0.5				<b>53.3</b>	0.1	0.4	
<b>8FXGET</b>	<b>53.6</b>	-0.3	1.8	<b>60.1</b>	0.1	1.0	<b>349.0</b>	0.7	1.1	<b>1.9</b>	1.5	0.1	<b>56.3</b>	0.6	2.1	
<b>8HMNYQ</b>	<b>55.3</b>	0.1	0.9	<b>63.8</b>	0.3	1.5	<b>83.5</b>	-1.6	0.2	<b>2.3</b>	2.2	0.5	<b>51.7</b>	-0.2	0.4	
<b>BKHDTU</b>	<b>55.0</b>	0.0		<b>37.3</b>	-1.4	0.6	<b>220.0</b>	-0.4		<b>1.0</b>	-0.3		<b>46.3</b>	-1.1	0.3	
<b>BQ8TKM</b>	<b>52.0</b>	-0.6	0.7	<b>40.0</b>	-1.2	0.7	<b>171.3</b>	-0.8	0.2	<b>1.7</b>	1.0	1.7	<b>45.7</b>	-1.2	0.3	
<b>K2TBAX</b>	<b>56.0</b>	0.2	0.3	<b>58.7</b>	0.0	0.7	<b>289.9</b>	0.2	0.2	<b>1.2</b>	0.0	1.5	<b>52.8</b>	0.0	0.4	
<b>PVUG4Y</b>	<b>41.7</b>	-2.7	0.4	<b>31.3</b>	-1.8	0.2	<b>160.0</b>	-0.9	0.1	<b>1.0</b>	-0.3		<b>40.3</b>	-2.1	0.7	
<b>VABCVP</b>	<b>52.4</b>	-0.5	1.1	<b>55.7</b>	-0.2	1.7	<b>302.4</b>	0.3	2.5	<b>1.1</b>	0.0	0.9	<b>57.4</b>	0.8	1.7	

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	55.0			58.7			265.0			1.14			52.8			
<b>Median Abs Dev</b>	2.2			5.1			84.0			0.14			3.5			
<b>Avg Within Lab SD</b>	2.8			2.4			20.3			0.35			2.1			
<b>Labs Included</b>	9			9			9			8			9			
<b>Labs Reporting</b>	9			9			9			8			9			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8HMNYQ</b>	<b>55.3</b>	0.0	1.5	<b>63.8</b>	0.0	1.5	<b>83.5</b>	-1.4	0.7	<b>2.3</b>	-0.1	0.2	<b>51.7</b>	0.4	0.9	
<b>8YWAN8</b>	<b>62.5</b>	1.0	0.8	<b>65.6</b>	0.2	0.7	<b>334.3</b>	0.5	0.8	<b>1.4</b>	-0.6	0.0	<b>54.4</b>	1.1	0.7	
<b>AJP7AQ</b>	<b>57.0</b>	0.2	1.3	<b>64.2</b>	0.0	1.2	<b>294.2</b>	0.2	1.5	<b>3.9</b>	0.7	2.1	<b>49.9</b>	0.0	1.6	
<b>M4WU6B</b>	<b>49.8</b>	-0.8	0.4	<b>52.8</b>	-1.5	0.3	<b>265.9</b>	0.0	1.2	<b>2.6</b>	0.0	0.3	<b>47.2</b>	-0.6	0.9	
<b>X3LMCR</b>	<b>44.8</b>	-1.4	0.3	<b>52.2</b>	-1.6	0.7	<b>108.0</b>	-1.2	0.3	<b>6.3</b>	1.9	0.7	<b>44.8</b>	-1.2	0.6	

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	55.3			63.8			265.9			2.58			49.9			
<b>Median Abs Dev</b>	5.6			1.7			68.5			1.18			2.6			
<b>Avg Within Lab SD</b>	1.6			2.4			6.6			0.84			1.0			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS1710		
SRS1706				SRS1707				SRS1708				SRS1709			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>55.3</b>		1.4	<b>63.8</b>		1.4	<b>83.5</b>		1.4	<b>2.3</b>		1.3	<b>51.7</b>		1.4
<b>KLXV4C</b>	<b>59.5</b>		0.4	<b>59.9</b>		0.2	<b>319.3</b>		0.2	<b>0.9</b>		0.4	<b>55.0</b>		0.1
NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS1710		
SRS1706				SRS1707				SRS1708				SRS1709			
<b>Grand Median</b>	57.4			61.9			201.4			1.58			53.4		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.9			2.6			3.4			0.13			0.6		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>8.87</b>	0.69	0.60	<b>9.70</b>	0.36	0.15	<b>13.80</b>	-0.12	0.48	<b>2.30</b>	-0.31	0.00	<b>4.83</b>	-0.06	0.14	
<b>8FXGET</b>	<b>6.80</b>	-0.06		<b>9.00</b>	0.10		<b>13.00</b>	-0.32		<b>3.40</b>	0.17		<b>5.20</b>	0.06		
<b>8HMNYQ</b>	<b>55.33</b>	17.39X	4.95	<b>63.83</b>	20.42X	5.33	<b>83.53</b>	16.68X	6.54	<b>2.30</b>	-0.31	0.52	<b>51.70</b>	14.11X	2.15	
<b>8YWAN8</b>	<b>9.20</b>	0.81	0.19	<b>14.63</b>	2.19	0.88	<b>11.00</b>	-0.80	0.50	<b>2.30</b>	-0.31	0.30	<b>3.90</b>	-0.34	0.00	
<b>93PRHD</b>	<b>15.33</b>	3.01	2.98	<b>8.33</b>	-0.15	0.84	<b>21.00</b>	1.61	2.39	<b>11.67</b>	3.75	1.74	<b>24.67</b>	5.94	1.38	
<b>AG4E6F</b>	<b>5.28</b>	-0.60	0.24	<b>6.20</b>	-0.94	0.38	<b>11.22</b>	-0.75	0.42	<b>1.21</b>	-0.78	0.64	<b>3.19</b>	-0.55	1.51	
<b>BC88YC</b>	<b>6.47</b>	-0.18	0.88	<b>7.76</b>	-0.36	0.05	<b>13.77</b>	-0.13	1.76	<b>1.81</b>	-0.52	0.27	<b>4.53</b>	-0.15	0.67	
<b>CERGN4</b>	<b>5.28</b>	-0.60	0.00	<b>7.78</b>	-0.35	0.00	<b>11.96</b>	-0.57	0.00	<b>1.44</b>	-0.68	0.00	<b>3.38</b>	-0.49	0.00	
<b>CL9R26</b>	<b>7.50</b>	0.20	0.19	<b>10.47</b>	0.64	0.22	<b>16.80</b>	0.60	0.96	<b>4.00</b>	0.43	1.09	<b>5.83</b>	0.25	0.14	
<b>DRRH26</b>	<b>8.70</b>	0.63	0.55	<b>11.05</b>	0.86	0.92	<b>11.25</b>	-0.74	0.68	<b>3.35</b>	0.15	0.64	<b>3.15</b>	-0.56	0.51	
<b>FBV7XL</b>	<b>6.97</b>	0.00	1.25	<b>8.67</b>	-0.02	1.97	<b>16.67</b>	0.57	1.03	<b>3.87</b>	0.37	0.17	<b>5.60</b>	0.18	0.63	
<b>FLDNVY</b>	<b>6.35</b>	-0.22	0.84	<b>8.74</b>	0.00	0.58	<b>13.94</b>	-0.09	0.41	<b>2.93</b>	-0.03	0.21	<b>5.12</b>	0.03	0.26	
<b>FZYVW7</b>	<b>9.93</b>	1.07	0.96	<b>9.16</b>	0.16	1.85	<b>20.84</b>	1.57	0.97	<b>5.70</b>	1.17	2.03	<b>7.56</b>	0.77	1.14	
<b>HDAM7F</b>	<b>6.15</b>	-0.29	0.41	<b>8.60</b>	-0.05	0.41	<b>15.40</b>	0.26	0.78	<b>2.40</b>	-0.26	1.28	<b>6.70</b>	0.51	1.01	
<b>J4PDHM</b>	<b>5.60</b>	-0.49	0.06	<b>8.41</b>	-0.12	0.07	<b>14.52</b>	0.05	0.07	<b>1.59</b>	-0.61	0.12	<b>4.04</b>	-0.29	0.06	
<b>JUGU3X</b>	<b>6.96</b>	0.00	0.36	<b>8.40</b>	-0.12	0.30	<b>13.08</b>	-0.30	0.59	<b>3.43</b>	0.18	0.29	<b>4.41</b>	-0.18	0.65	
<b>N4RMJU</b>	<b>17.33</b>	3.73	1.13	<b>24.33</b>	5.78	3.02	<b>26.33</b>	2.90	0.80	<b>17.67</b>	6.35X	3.49	<b>17.67</b>	3.82	1.38	
<b>NC2EMX</b>	<b>11.67</b>	1.69	2.98	<b>12.33</b>	1.34	1.68	<b>18.33</b>	0.97	0.80	<b>6.67</b>	1.59	1.74	<b>8.33</b>	1.00	1.38	
<b>NJJU9F</b>	<b>6.77</b>	-0.07	0.17	<b>8.73</b>	0.00	0.14	<b>14.40</b>	0.02	0.00	<b>9.53</b>	2.83	0.58	<b>4.99</b>	-0.01	0.09	
<b>RCPNBV</b>	<b>6.74</b>	-0.08	0.27	<b>8.89</b>	0.06	0.20	<b>14.32</b>	0.00	0.33	<b>2.10</b>	-0.39	0.39	<b>5.33</b>	0.09	0.83	
<b>REHMKN</b>	<b>9.03</b>	0.75	0.63	<b>11.23</b>	0.93	0.55	<b>20.27</b>	1.43	1.47	<b>4.80</b>	0.78	1.21	<b>6.87</b>	0.56	0.96	
<b>RQB4DV</b>	<b>9.61</b>	0.95	0.27	<b>11.92</b>	1.18	0.20	<b>16.07</b>	0.42	0.41	<b>3.01</b>	0.00	0.66	<b>7.97</b>	0.89	0.58	
<b>WJDZBT</b>	<b>6.53</b>	-0.15	0.80	<b>7.72</b>	-0.38	0.14	<b>11.84</b>	-0.60	0.12	<b>4.06</b>	0.46	2.93	<b>4.94</b>	-0.02	0.84	
<b>WM898M</b>	<b>6.39</b>	-0.20	0.39	<b>7.23</b>	-0.56	0.15	<b>12.30</b>	-0.49	0.14	<b>3.08</b>	0.03	0.15	<b>5.02</b>	0.00	0.23	
<b>X3LMCR</b>	<b>5.52</b>	-0.52	0.34	<b>7.85</b>	-0.33	0.66	<b>12.32</b>	-0.48	0.24	<b>2.98</b>	-0.01	0.44	<b>4.61</b>	-0.12	0.96	
<b>X6BTWN</b>	<b>6.09</b>	-0.31	0.27	<b>7.08</b>	-0.61	1.21	<b>10.54</b>	-0.91	2.84	<b>1.38</b>	-0.71	0.49	<b>3.89</b>	-0.34	3.22	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>YDXA2J</b>	<b>8.11</b>	0.41	0.42	<b>8.25</b>	-0.18	0.03	<b>18.51</b>	1.01	0.38	<b>2.66</b>	-0.15	0.11	<b>4.45</b>	-0.17	0.11	
<b>ZGX28M</b>	<b>8.38</b>	0.51	0.47	<b>9.96</b>	0.46	1.14	<b>16.45</b>	0.51	0.23	<b>5.91</b>	1.26	0.27	<b>7.71</b>	0.81	0.25	
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	6.96			8.73			14.3			3.01			5.02			
<b>Median Abs Dev</b>	1.35			0.97			2.3			0.90			0.97			
<b>Avg Within Lab SD</b>	0.51			0.69			0.7			0.33			0.42			
<b>Labs Included</b>	27			27			27			27			27			
<b>Labs Reporting</b>	28			28			28			28			28			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>117.67</b>	0.50	0.86	<b>10.00</b>	0.08	1.20	<b>61.00</b>	-0.54	0.39	<b>3.33</b>	0.51	1.64	<b>29.00</b>	-0.06	0.40	
<b>3GNWVG</b>	<b>123.78</b>	0.79	0.03	<b>4.69</b>	-0.70	0.01	<b>85.47</b>	1.49	0.19	<b>0.36</b>	-1.24	0.07	<b>36.06</b>	1.04	0.01	
<b>4RKER2</b>	<b>45.04</b>	-3.01X	0.39	<b>4.93</b>	-0.67	0.93	<b>31.92</b>	-2.94X	0.11	<b>0.61</b>	-1.09	0.07	<b>15.26</b>	-2.20X	0.09	
<b>4YJWBK</b>	<b>104.00</b>	-0.16	0.52	<b>8.00</b>	-0.22		<b>56.33</b>	-0.92	0.22	<b>1.47</b>	-0.59	0.33	<b>26.33</b>	-0.47	0.23	
<b>8YWAN8</b>	<b>96.33</b>	-0.53	0.17	<b>14.00</b>	0.67		<b>69.83</b>	0.19	0.30	<b>2.67</b>	0.12	0.16	<b>32.47</b>	0.48	0.02	
<b>9EGFA7</b>	<b>143.33</b>	1.74	2.41	<b>19.33</b>	1.45	2.50	<b>83.33</b>	1.31	0.22	<b>4.67</b>	1.29	1.64	<b>39.00</b>	1.50	0.40	
<b>AG4E6F</b>	<b>122.67</b>	0.74	0.34	<b>1.33</b>	-1.20	0.69	<b>72.00</b>	0.37	0.39	<b>1.00</b>	-0.86		<b>25.67</b>	-0.58	0.23	
<b>BKHDTU</b>	<b>114.33</b>	0.34	0.46	<b>12.00</b>	0.37		<b>55.33</b>	-1.01	0.22	<b>4.00</b>	0.90		<b>26.00</b>	-0.53	0.40	
<b>CL9R26</b>	<b>116.33</b>	0.43	0.69	<b>2.67</b>	-1.00	0.69	<b>68.00</b>	0.04	0.39	<b>2.33</b>	-0.08	1.64	<b>29.33</b>	-0.01	0.23	
<b>JKTZQ2</b>	<b>94.67</b>	-0.61	1.64	<b>9.00</b>	-0.07		<b>63.00</b>	-0.37	0.78	<b>2.00</b>	-0.27		<b>26.00</b>	-0.53	0.40	
<b>K8JPY6</b>	<b>114.15</b>	0.33	0.67	<b>7.18</b>	-0.34	0.53	<b>74.99</b>	0.62	1.37	<b>1.11</b>	-0.79	1.02	<b>29.42</b>	0.01	0.41	
<b>MPRNWX</b>	<b>132.33</b>	1.20	0.46	<b>15.73</b>	0.92	0.30	<b>66.97</b>	-0.04	0.04	<b>1.10</b>	-0.80	0.26	<b>30.90</b>	0.24	0.10	
<b>NC2EMX</b>	<b>77.33</b>	-1.45	2.53	<b>2.00</b>	-1.10	1.20	<b>58.67</b>	-0.73	3.26	<b>1.33</b>	-0.66	1.64	<b>39.00</b>	1.50	4.80	
<b>NGUHF2</b>	<b>95.67</b>	-0.57	0.17	<b>8.33</b>	-0.17	0.69	<b>59.33</b>	-0.67	0.22	<b>3.33</b>	0.51	1.64	<b>26.33</b>	-0.47	0.23	
<b>PWJTCW</b>	<b>102.00</b>	-0.26		<b>16.17</b>	0.99	0.69	<b>60.83</b>	-0.55	0.56	<b>3.17</b>	0.41	0.82	<b>29.33</b>	-0.01	0.23	
<b>R732FQ</b>	<b>119.67</b>	0.59	0.62	<b>9.46</b>	0.00	0.11	<b>68.00</b>	0.04	0.21	<b>4.26</b>	1.05	0.10	<b>26.23</b>	-0.49	0.14	
<b>RCPNBV</b>	<b>90.71</b>	-0.80	0.75	<b>10.14</b>	0.10	0.53	<b>89.59</b>	1.83	0.96				<b>40.24</b>	1.69	0.47	
<b>RQB4DV</b>	<b>98.60</b>	-0.42	0.20	<b>10.15</b>	0.10	0.75	<b>59.47</b>	-0.66	0.21	<b>2.88</b>	0.24	0.37	<b>24.83</b>	-0.71	0.18	
<b>VHHAFM</b>	<b>102.43</b>	-0.24	0.10	<b>3.53</b>	-0.87	0.05	<b>69.20</b>	0.14	0.02	<b>1.20</b>	-0.74	0.11	<b>29.16</b>	-0.03	0.00	
<b>WM898M</b>	<b>93.33</b>	-0.68	1.80	<b>8.20</b>	-0.19	1.15	<b>64.33</b>	-0.26	2.53	<b>2.47</b>	0.00	1.57	<b>26.47</b>	-0.45	0.67	
<b>X3LMCR</b>	<b>107.00</b>	-0.02	0.60	<b>20.63</b>	1.64	1.53	<b>89.67</b>	1.84	0.56	<b>15.77</b>	7.80X	1.90	<b>45.97</b>	2.59	0.18	
<b>X6BTWN</b>	<b>107.40</b>	0.00	0.88	<b>7.43</b>	-0.30	0.78	<b>63.60</b>	-0.32	1.78	<b>1.48</b>	-0.58	1.12	<b>30.00</b>	0.10	0.84	
<b>Y9NZR2</b>	<b>148.33</b>	1.98	0.86	<b>19.00</b>	1.40		<b>80.00</b>	1.04	0.67	<b>4.00</b>	0.90		<b>36.67</b>	1.14	0.46	
<b>YDXA2J</b>	<b>131.47</b>	1.16	0.28	<b>2.25</b>	-1.06	0.17	<b>68.77</b>	0.11	0.19	<b>3.25</b>	0.46	0.68	<b>34.18</b>	0.75	0.01	
<b>YKW3Q4</b>	<b>139.00</b>	1.53	1.07	<b>17.33</b>	1.16	1.39	<b>78.33</b>	0.90	0.22	<b>4.00</b>	0.90		<b>40.00</b>	1.66	0.40	
<b>ZDFKEH</b>	<b>97.63</b>	-0.47	0.37	<b>18.90</b>	1.39	1.59	<b>59.03</b>	-0.70	0.52	<b>1.10</b>	-0.80	0.28	<b>26.50</b>	-0.45	0.30	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

<b>PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups</b>														<b>Data units: mg/kg</b>		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>ZGX28M</b>	<b>107.36</b>	0.00	0.33	<b>10.04</b>	0.09	0.21	<b>57.43</b>	-0.83	0.32	<b>4.28</b>	1.07	0.35	<b>29.75</b>	0.06	0.02	

<b>PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups</b>														<b>Data units: mg/kg</b>		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	107.4			9.46			67.5			2.47			29.4			
<b>Median Abs Dev</b>	11.4			4.54			7.8			1.27			3.1			
<b>Avg Within Lab SD</b>	3.4			0.83			2.6			0.35			2.5			
<b>Labs Included</b>	26			27			26			25			26			
<b>Labs Reporting</b>	27			27			27			26			27			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>122.7</b>	1.4	0.4	<b>18.7</b>	1.2	1.5	<b>54.3</b>	0.8	1.6	<b>2.4</b>	1.0	1.2	<b>24.0</b>	0.0	2.0	
<b>CE7RKN</b>	<b>110.1</b>	0.8	0.1	<b>3.1</b>	-1.2	0.0	<b>65.8</b>	1.9	0.0	<b>0.2</b>	-1.7	0.0	<b>27.1</b>	1.0	0.0	
<b>DRRH26</b>	<b>72.0</b>	-0.9	1.2	<b>11.0</b>	0.0		<b>43.5</b>	-0.4	0.6	<b>2.0</b>	0.5		<b>19.0</b>	-1.6	0.9	
<b>FBV7XL</b>	<b>83.9</b>	-0.3	1.8	<b>7.2</b>	-0.6	0.8	<b>47.1</b>	0.0	1.3	<b>1.5</b>	-0.2	1.6	<b>25.0</b>	0.3	0.1	
<b>REHMKN</b>	<b>91.7</b>	0.0	0.5	<b>13.6</b>	0.4	1.0	<b>44.3</b>	-0.3	0.6	<b>1.6</b>	0.0	0.4	<b>22.7</b>	-0.4	0.3	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	91.7			11.0			47.1			1.60			24.0			
<b>Median Abs Dev</b>	18.4			3.8			3.6			0.40			1.3			
<b>Avg Within Lab SD</b>	4.9			1.0			1.3			0.26			1.5			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>38.00</b>	0.61	1.51	<b>8.00</b>	0.86	1.53	<b>41.00</b>	-0.30	0.50	<b>10.00</b>	4.59X	1.02	<b>16.00</b>	0.00		
<b>3GNWVG</b>	<b>36.50</b>	0.38	0.09	<b>5.60</b>	-0.27	0.50	<b>45.34</b>	0.44	0.48	<b>0.65</b>	-0.84	0.08	<b>15.60</b>	-0.14	0.24	
<b>3N7DDH</b>	<b>44.57</b>	1.62	1.80	<b>5.97</b>	-0.10	0.32	<b>47.17</b>	0.75	0.88	<b>2.10</b>	0.00	0.20	<b>11.73</b>	-1.52	0.34	
<b>4YJWBK</b>	<b>33.00</b>	-0.15	0.57	<b>4.67</b>	-0.71	0.88	<b>41.00</b>	-0.30	0.50	<b>1.27</b>	-0.48	0.06	<b>15.33</b>	-0.24	0.77	
<b>62PGXK</b>	<b>35.77</b>	0.27	0.40	<b>4.57</b>	-0.75	1.85	<b>44.80</b>	0.35	1.26	<b>1.77</b>	-0.19	0.36	<b>18.00</b>	0.71	1.77	
<b>8HMNYQ</b>	<b>10.40</b>	-3.62X	0.21				<b>12.40</b>	-5.18X	0.09				<b>8.43</b>	-2.70	0.41	
<b>8YWAN8</b>	<b>29.67</b>	-0.67	0.97	<b>7.03</b>	0.41	1.44	<b>45.30</b>	0.43	0.38	<b>1.50</b>	-0.35	0.35	<b>16.77</b>	0.27	0.28	
<b>AG4E6F</b>	<b>40.67</b>	1.02	0.33	<b>4.67</b>	-0.71	0.88	<b>37.33</b>	-0.93	0.29	<b>1.67</b>	-0.25	0.59	<b>11.33</b>	-1.67	0.77	
<b>BC88YC</b>	<b>27.95</b>	-0.93	0.49	<b>8.99</b>	1.33	0.13	<b>39.29</b>	-0.59	0.17	<b>8.83</b>	3.91	0.45	<b>15.29</b>	-0.25	0.39	
<b>BKHDTU</b>	<b>34.00</b>	0.00	0.57	<b>6.33</b>	0.08	0.88	<b>42.00</b>	-0.13	1.01	<b>3.00</b>	0.52		<b>13.33</b>	-0.95	0.77	
<b>CE7RKN</b>	<b>30.76</b>	-0.50	0.04	<b>5.99</b>	-0.08	0.04	<b>47.83</b>	0.87	0.16	<b>2.11</b>	0.01	0.08	<b>16.81</b>	0.29	0.14	
<b>CL9R26</b>	<b>34.00</b>	0.00		<b>5.67</b>	-0.24	0.88	<b>36.33</b>	-1.10	0.29	<b>1.33</b>	-0.45	0.59	<b>13.67</b>	-0.83	1.55	
<b>FBV7XL</b>	<b>27.00</b>	-1.07	2.28	<b>8.67</b>	1.17	0.88	<b>50.00</b>	1.24	1.33	<b>2.67</b>	0.33	2.95	<b>16.00</b>	0.00		
<b>FWV6LK</b>	<b>23.77</b>	-1.57	0.60	<b>2.91</b>	-1.53	0.74	<b>38.48</b>	-0.73	0.42	<b>0.66</b>	-0.83	0.11	<b>10.80</b>	-1.86	0.45	
<b>HDAM7F</b>	<b>26.13</b>	-1.21	1.19	<b>3.80</b>	-1.11	1.91	<b>38.40</b>	-0.74	1.93	<b>1.00</b>	-0.64		<b>13.97</b>	-0.73	1.57	
<b>JHJX2V</b>	<b>41.00</b>	1.07	0.12	<b>6.26</b>	0.04	1.37	<b>38.97</b>	-0.65	1.55	<b>1.80</b>	-0.18	0.08	<b>16.21</b>	0.07	0.61	
<b>JKTZQ2</b>	<b>34.00</b>	0.00	1.98	<b>6.83</b>	0.31	0.44	<b>43.77</b>	0.17	1.47	<b>1.90</b>	-0.12	0.18	<b>16.27</b>	0.10	0.86	
<b>M4WU6B</b>	<b>35.07</b>	0.16	0.39	<b>11.81</b>	2.65	0.55	<b>27.48</b>	-2.61	0.77	<b>4.50</b>	1.39	0.32	<b>13.49</b>	-0.90	0.84	
<b>N4RMJU</b>	<b>36.33</b>	0.36	0.87	<b>6.67</b>	0.23	0.88	<b>43.67</b>	0.16	0.58	<b>1.67</b>	-0.25	0.59	<b>16.67</b>	0.24	0.77	
<b>NC2EMX</b>	<b>36.67</b>	0.41	1.44	<b>7.33</b>	0.55	0.88	<b>44.33</b>	0.27	0.77	<b>3.33</b>	0.72	1.18	<b>18.00</b>	0.71	1.34	
<b>NGUHF2</b>	<b>32.33</b>	-0.26	0.33	<b>3.00</b>	-1.49		<b>43.00</b>	0.04	0.50	<b>3.00</b>	0.52		<b>16.33</b>	0.12	0.77	
<b>NVC7PZ</b>	<b>20.18</b>	-2.12	0.54	<b>6.17</b>	0.00	0.07	<b>35.94</b>	-1.16	0.08	<b>3.93</b>	1.06	0.02	<b>12.24</b>	-1.34	0.03	
<b>QVRACQ</b>	<b>27.55</b>	-0.99	0.79	<b>6.13</b>	-0.02	1.16	<b>41.93</b>	-0.14	2.03	<b>4.63</b>	1.47	1.54	<b>16.09</b>	0.03	0.52	
<b>REHMKN</b>	<b>29.00</b>	-0.77	0.65	<b>5.80</b>	-0.17	1.51	<b>40.63</b>	-0.36	0.43	<b>2.23</b>	0.08	0.41	<b>16.03</b>	0.01	1.78	
<b>RQB4DV</b>	<b>42.32</b>	1.28	0.66	<b>9.82</b>	1.72	0.58	<b>51.96</b>	1.57	0.78	<b>0.51</b>	-0.93	0.12	<b>19.72</b>	1.33	0.48	
<b>VABCVP</b>	<b>38.16</b>	0.64	1.36	<b>23.00</b>	7.92X	3.67	<b>44.37</b>	0.28	1.27	<b>2.75</b>	0.38	1.20	<b>16.81</b>	0.29	2.27	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WJDZBT</b>	<b>29.93</b>	-0.62	0.51	<b>7.18</b>	0.48	0.51	<b>42.51</b>	-0.04	0.80	<b>3.03</b>	0.54	0.43	<b>13.49</b>	-0.90	0.62	
<b>X3LMCR</b>	<b>33.23</b>	-0.12	0.03	<b>8.58</b>	1.13	1.02	<b>56.43</b>	2.33	1.81	<b>4.51</b>	1.40	2.79	<b>19.37</b>	1.20	0.28	
<b>X6BTWN</b>	<b>34.49</b>	0.08	1.22	<b>6.01</b>	-0.07	0.72	<b>44.01</b>	0.21	1.02	<b>1.45</b>	-0.38	0.51	<b>15.57</b>	-0.15	1.53	
PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	34.0			6.17			42.8			2.10			16.0			
<b>Median Abs Dev</b>	4.0			1.01			2.6			0.83			0.8			
<b>Avg Within Lab SD</b>	1.8			0.65			2.0			0.98			0.7			
<b>Labs Included</b>	28			27			28			27			29			
<b>Labs Reporting</b>	29			28			29			28			29			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8YWAN8</b>	<b>8.93</b>		0.06	<b>0.60</b>		0.00	<b>74.33</b>		0.37	<b>0.50</b>		0.20	<b>19.77</b>		0.11	
<b>FBV7XL</b>	<b>8.83</b>		0.74	<b>0.77</b>		1.63	<b>76.90</b>		1.88	<b>0.68</b>		0.95	<b>16.03</b>		1.88	
<b>M4WU6B</b>	<b>0.19</b>		0.04	<b>0.19</b>		0.58	<b>6.10</b>		0.16	<b>0.13</b>		0.18	<b>1.17</b>		0.13	
<b>WR4PP9</b>	<b>4.17</b>		1.85	<b>1.00</b>			<b>77.00</b>		0.56	<b>1.50</b>		1.74	<b>17.00</b>		0.67	

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	6.50			0.68			75.6			0.59			16.5			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	1.48			0.13			1.6			0.50			2.2			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>HDAM7F</b>	<b>67.33</b>		1.00	<b>3.37</b>		1.00	<b>79.00</b>		1.00				<b>21.90</b>		1.00

PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	67.3			3.37			79.0						21.9		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	6.0			0.75			4.4			0.00			0.8		
<b>Labs Included</b>	1			1			1			0			1		
<b>Labs Reporting</b>	1			1			1			0			1		





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>134.7</b>	0.3	0.7	<b>34.0</b>	1.4	1.3	<b>145.7</b>	-0.3	1.0	<b>10.3</b>	2.3	1.8	<b>69.7</b>	-0.2	1.0	
<b>4YJWBK</b>	<b>113.7</b>	-0.5	1.1	<b>24.0</b>	0.0		<b>138.3</b>	-0.7	1.0	<b>5.0</b>	0.3		<b>67.7</b>	-0.4	0.3	
<b>8YWAN8</b>	<b>92.7</b>	-1.4	0.4	<b>23.7</b>	0.0	0.4	<b>157.3</b>	0.3	0.2	<b>3.0</b>	-0.4		<b>73.0</b>	0.2		
<b>AG4E6F</b>	<b>127.7</b>	0.0	0.7	<b>20.7</b>	-0.4	0.4	<b>159.0</b>	0.4	1.9	<b>1.0</b>	-1.1		<b>77.7</b>	0.7	1.0	
<b>CL9R26</b>	<b>138.0</b>	0.4	1.3	<b>22.0</b>	-0.3	0.6	<b>138.3</b>	-0.7	0.2	<b>3.7</b>	-0.2	1.0	<b>69.0</b>	-0.2		
<b>DRRH26</b>	<b>80.0</b>	-1.9	1.2	<b>12.0</b>	-1.7	1.8	<b>113.0</b>	-2.0	0.9	<b>4.5</b>	0.2	0.6	<b>53.5</b>	-1.9	0.3	
<b>RQB4DV</b>	<b>126.3</b>	0.0	0.7	<b>26.6</b>	0.4	0.3	<b>156.7</b>	0.3	1.1	<b>3.6</b>	-0.2	0.3	<b>81.3</b>	1.1	0.2	
<b>X6BTWN</b>	<b>144.5</b>	0.7	1.4	<b>32.3</b>	1.2	1.2	<b>166.5</b>	0.8	0.8	<b>6.2</b>	0.8	0.2	<b>78.7</b>	0.8	2.0	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	127.0			23.8			151.2			4.08			71.3			
<b>Median Abs Dev</b>	12.2			3.0			10.3			1.00			5.0			
<b>Avg Within Lab SD</b>	3.5			1.6			3.3			1.13			2.2			
<b>Labs Included</b>	8			8			8			8			8			
<b>Labs Reporting</b>	8			8			8			8			8			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg					
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>NJJU9F</b>	<b>6.94</b>		1.00	<b>1.30</b>		1.00	<b>25.38</b>		1.00	<b>1.31</b>		1.00	<b>10.25</b>		1.00			

PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg					
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
<b>Grand Median</b>	6.94			1.30			25.4			1.31			10.2					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.10			0.03			0.4			0.06			0.1					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3GMUC4</b>	<b>8.3</b>	0.3	0.1	<b>1.6</b>	-1.5	0.1	<b>439.8</b>	1.6	0.7	<b>5.5</b>	-1.1	0.2	<b>5.0</b>	-0.5	0.3
<b>4YJWBK</b>	<b>9.0</b>	0.8	0.6	<b>51.3</b>	0.9	0.4	<b>212.3</b>	-0.1	0.2	<b>42.0</b>	0.7	1.7	<b>5.3</b>	-0.4	1.3
<b>8FXGET</b>	<b>5.9</b>	-1.6		<b>10.6</b>	-1.1		<b>406.7</b>	1.4		<b>7.2</b>	-1.1		<b>3.6</b>	-0.9	
<b>AG4E6F</b>	<b>7.8</b>	-0.1	0.2	<b>25.0</b>	-0.4	0.8	<b>227.9</b>	0.0	0.7	<b>24.9</b>	-0.2	0.3	<b>5.8</b>	-0.3	0.6
<b>BC88YC</b>	<b>8.2</b>	0.2	0.0	<b>42.8</b>	0.5	0.3	<b>215.4</b>	-0.1	0.1	<b>57.3</b>	1.4	0.4	<b>8.1</b>	0.4	0.1
<b>BKHDTU</b>	<b>7.0</b>	-0.8		<b>29.0</b>	-0.2	0.7				<b>10.0</b>	-0.9		<b>11.0</b>	1.3	
<b>DZ6Q37</b>	<b>18.7</b>	<b>8.5X</b>	0.6	<b>76.4</b>	<b>2.1X</b>	3.3	<b>793.2</b>	<b>4.3X</b>	2.6	<b>101.8</b>	<b>3.6X</b>	2.0	<b>10.4</b>	1.2	0.7
<b>FLDNVY</b>	<b>7.9</b>	0.0	0.2	<b>50.2</b>	0.8	0.4	<b>190.3</b>	-0.3	0.3	<b>42.4</b>	0.7	0.3	<b>4.2</b>	-0.8	0.6
<b>HDAM7F</b>	<b>7.8</b>	-0.1	0.3				<b>415.7</b>	1.5	0.5				<b>6.0</b>	-0.2	0.6
<b>JKTZQ2</b>	<b>10.4</b>	1.9	0.3	<b>47.0</b>	0.7	1.8	<b>278.4</b>	0.4	2.7	<b>30.3</b>	0.1	1.3	<b>9.9</b>	1.0	0.8
<b>NGUHF2</b>	<b>8.3</b>	0.3	3.8	<b>6.7</b>	-1.2	0.4	<b>198.3</b>	-0.2	0.5	<b>20.7</b>	-0.4	1.0	<b>8.0</b>	0.4	
<b>NQFN7E</b>	<b>8.0</b>	0.0	0.1	<b>30.8</b>	-0.1	1.1	<b>110.3</b>	-0.9	0.4	<b>28.3</b>	0.0	0.6	<b>6.7</b>	0.0	0.3
<b>R732FQ</b>	<b>7.8</b>	-0.2	0.0	<b>22.7</b>	-0.5	0.6	<b>220.1</b>	0.0	0.3	<b>27.4</b>	-0.1	0.6	<b>5.9</b>	-0.2	0.3
<b>RCPNBV</b>	<b>5.9</b>	-1.6	0.1	<b>1.1</b>	-1.5	0.1	<b>480.0</b>	1.9	0.8	<b>4.3</b>	-1.2	0.1	<b>4.1</b>	-0.8	0.4
<b>REHMKN</b>	<b>7.9</b>	0.0	0.1	<b>45.2</b>	0.6	0.9	<b>207.7</b>	-0.1	0.1	<b>41.1</b>	0.6	1.4	<b>3.0</b>	-1.1	0.7
<b>RQB4DV</b>	<b>8.7</b>	0.6	0.2	<b>53.5</b>	1.0	1.7	<b>225.3</b>	0.0	0.4	<b>40.9</b>	0.6	1.1	<b>7.3</b>	0.2	1.6
<b>WM898M</b>	<b>10.9</b>	2.3	0.6	<b>35.1</b>	0.1	2.0	<b>134.7</b>	-0.7	1.4	<b>28.7</b>	0.0	1.7	<b>8.8</b>	0.7	1.3
<b>X3LMCR</b>	<b>9.3</b>	1.1	0.0	<b>32.7</b>	0.0	0.9	<b>494.3</b>	2.1	0.1	<b>66.7</b>	1.9	0.8	<b>10.9</b>	1.3	0.1
<b>X6BTWN</b>	<b>7.7</b>	-0.2	0.3	<b>41.7</b>	0.4	1.1	<b>249.7</b>	0.2	2.0	<b>40.3</b>	0.6	1.3	<b>10.3</b>	1.1	2.6

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	7.96			32.7			225.3			28.7			6.67		
<b>Median Abs Dev</b>	0.35			12.5			35.0			12.4			2.17		
<b>Avg Within Lab SD</b>	1.65			1.3			14.3			1.2			0.45		
<b>Labs Included</b>	18			17			17			17			19		
<b>Labs Reporting</b>	19			18			18			18			19		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>76.3</b>	0.1	0.2	<b>35.0</b>	-0.1	0.5	<b>1,302.3</b>	0.2	0.4	<b>147.3</b>	0.3	1.3	<b>135.4</b>	0.0	0.7	
<b>3GNWVG</b>	<b>79.6</b>	0.4	0.3	<b>35.9</b>	0.0	0.2	<b>1,548.0</b>	1.8	1.3	<b>147.9</b>	0.4	0.3	<b>174.0</b>	2.0	0.6	
<b>3N7DDH</b>	<b>81.7</b>	0.5	0.3	<b>38.7</b>	0.3	0.5	<b>1,209.3</b>	-0.3	0.7	<b>151.7</b>	0.6	0.5	<b>136.7</b>	0.0	0.4	
<b>4RKER2</b>	<b>54.7</b>	-1.3	0.1	<b>29.6</b>	-0.8	0.1	<b>1,330.1</b>	0.4	0.8	<b>148.0</b>	0.4	0.4	<b>130.0</b>	-0.3	0.2	
<b>4YJWBK</b>	<b>76.3</b>	0.1	0.4	<b>39.0</b>	0.4	0.5	<b>1,163.0</b>	-0.6	0.4	<b>129.3</b>	-0.8	0.4	<b>127.7</b>	-0.4	0.3	
<b>62PGXK</b>	<b>63.3</b>	-0.7	0.8	<b>40.7</b>	0.6	1.0	<b>1,489.0</b>	1.4	0.1	<b>159.3</b>	1.1	0.1	<b>157.0</b>	1.1	0.4	
<b>8HMNYQ</b>	<b>46.9</b>	-1.8	0.3	<b>28.1</b>	-0.9	0.2	<b>1,054.6</b>	-1.3	0.2	<b>115.4</b>	-1.6	0.5	<b>105.1</b>	-1.6	0.3	
<b>9EGFA7</b>	<b>73.0</b>	-0.1	0.4	<b>29.1</b>	-0.8	0.1	<b>1,168.4</b>	-0.6	0.4	<b>131.2</b>	-0.6	0.6	<b>123.7</b>	-0.6	0.3	
<b>9Q99HT</b>	<b>51.0</b>	-1.6	1.5	<b>27.9</b>	-1.0	2.6	<b>1,067.5</b>	-1.2	1.9	<b>130.6</b>	-0.7	2.3	<b>105.8</b>	-1.6	1.2	
<b>AG4E6F</b>	<b>78.7</b>	0.3	0.1	<b>33.7</b>	-0.3	0.3	<b>1,078.0</b>	-1.2	0.3	<b>122.0</b>	-1.2	0.3	<b>125.3</b>	-0.6	0.1	
<b>AJP7AQ</b>	<b>45.5</b>	-1.9	1.1	<b>21.1</b>	-1.8	0.9	<b>1,178.7</b>	-0.5	0.3	<b>113.1</b>	-1.7	1.6	<b>106.4</b>	-1.5	0.8	
<b>B4RBDQ</b>	<b>62.7</b>	-0.8	0.0	<b>39.9</b>	0.5	0.2	<b>1,421.7</b>	1.0	0.5	<b>159.7</b>	1.1	0.4	<b>143.0</b>	0.4	0.0	
<b>BC88YC</b>	<b>65.2</b>	-0.6	0.4	<b>41.5</b>	0.7	0.4	<b>1,039.0</b>	-1.4	0.2	<b>219.9</b>	4.7X	1.0	<b>155.2</b>	1.0	0.6	
<b>BKHDTU</b>	<b>73.3</b>	-0.1	0.1	<b>25.3</b>	-1.3	0.1	<b>883.3</b>	-2.4	0.0	<b>156.3</b>	0.9	0.1	<b>130.0</b>	-0.3		
<b>C932XC</b>	<b>56.3</b>	-1.2	0.7	<b>35.7</b>	0.0	0.4	<b>1,306.7</b>	0.3	0.1	<b>135.3</b>	-0.4	0.2	<b>129.3</b>	-0.4	0.1	
<b>CE7RKN</b>	<b>68.7</b>	-0.4	0.0	<b>39.8</b>	0.5	0.1	<b>1,456.1</b>	1.2	0.1	<b>170.4</b>	1.7	0.1	<b>151.8</b>	0.8	0.0	
<b>CL9R26</b>	<b>84.7</b>	0.7	0.3	<b>37.2</b>	0.2	0.6	<b>1,356.7</b>	0.6	0.3	<b>147.0</b>	0.3	0.3	<b>139.3</b>	0.2	0.3	
<b>DRRH26</b>	<b>46.0</b>	-1.9	0.5	<b>25.0</b>	-1.3	0.4	<b>1,156.0</b>	-0.7	0.2	<b>124.5</b>	-1.0	0.8	<b>111.5</b>	-1.3	0.2	
<b>FBV7XL</b>	<b>62.0</b>	-0.8	0.6	<b>38.7</b>	0.3	0.5	<b>1,085.7</b>	-1.1	3.7	<b>111.3</b>	-1.8	4.0	<b>117.0</b>	-1.0	2.4	
<b>FWV6LK</b>	<b>61.2</b>	-0.9	0.0	<b>38.8</b>	0.4	0.1	<b>1,360.6</b>	0.6	0.4	<b>151.2</b>	0.6	0.3	<b>138.2</b>	0.1	0.3	
<b>HDAM7F</b>							<b>1,385.7</b>	0.8	0.7							
<b>JHJX2V</b>	<b>77.9</b>	0.3	0.9	<b>34.9</b>	-0.1	1.0	<b>226.4</b>	-6.5X	0.1	<b>141.8</b>	0.0	0.9	<b>147.4</b>	0.6	1.3	
<b>JKTZQ2</b>	<b>86.0</b>	0.8		<b>45.0</b>	1.1	0.7	<b>1,424.0</b>	1.0	0.6	<b>154.7</b>	0.8	0.2	<b>157.7</b>	1.1	0.4	
<b>K2TBAX</b>	<b>62.5</b>	-0.8	2.1	<b>34.4</b>	-0.2	0.4	<b>1,050.3</b>	-1.3	1.5	<b>123.3</b>	-1.1	1.7	<b>116.4</b>	-1.0	2.9	
<b>K8JPY6</b>	<b>77.0</b>	0.2	0.4	<b>30.1</b>	-0.7	0.1	<b>1,268.1</b>	0.0	0.7	<b>139.6</b>	-0.1	0.5	<b>136.7</b>	0.0	0.2	
<b>M4WU6B</b>	<b>84.9</b>	0.7	0.1	<b>69.4</b>	4.1X	0.9	<b>1,187.6</b>	-0.5	0.8	<b>186.8</b>	2.7	0.7	<b>160.8</b>	1.3	0.3	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MPRNWX	75.8	0.1	0.0	35.7	0.0	0.1	1,404.7	0.9	0.1	143.0	0.1	0.4	141.7	0.3	0.3	
NC2EMX	103.0	2.0	5.3	58.7	2.8	5.0	1,182.3	-0.5	1.6	142.3	0.0	0.9	162.0	1.3	3.9	
NGUHF2	76.7	0.2	0.5	38.7	0.3	0.3	1,294.0	0.2	0.4	141.7	0.0	0.5	145.3	0.5	0.1	
NQFN7E	56.1	-1.2	0.2	21.9	-1.7	0.1	1,271.0	0.0	0.4	121.2	-1.3	0.1	115.0	-1.1	0.1	
NVC7PZ	76.7	0.2	0.1	36.2	0.0	0.2	1,335.0	0.5	1.0	145.0	0.2	0.6	144.7	0.4	0.2	
PAC832	64.6	-0.6	0.2	39.4	0.4	0.5	1,263.3	0.0	0.1	148.1	0.4	0.2	138.3	0.1	0.1	
QVRACQ	60.9	-0.9	0.5	32.2	-0.4	1.0	1,261.0	0.0	1.6	140.9	-0.1	0.5	123.0	-0.7	0.3	
R732FQ	85.6	0.8	0.2	44.6	1.1	0.6	1,217.8	-0.3	0.9	134.3	-0.5	0.4	124.9	-0.6	0.3	
RCPNBV	58.2	-1.1	1.0	36.4	0.1	0.5	1,322.7	0.4	0.9	132.0	-0.6	2.2	145.4	0.5	1.3	
REHMKN	65.3	-0.6	0.6	36.0	0.0	0.2	1,285.7	0.1	0.2	145.7	0.2	0.4	141.0	0.3	0.1	
RQB4DV	78.9	0.3	0.2	35.6	0.0	0.2	1,261.0	0.0	0.5	145.2	0.2	0.5	137.7	0.1	0.1	
VABCVP	25.6	-3.3X	0.9	14.3	-2.6	1.5	1,069.3	-1.2	1.8	79.6	-3.8X	3.0	96.5	-2.1	1.9	
VHHAFM	75.2	0.1	0.0	34.7	-0.1	0.0	1,321.0	0.4	0.1	144.4	0.2	0.1	137.5	0.1	0.0	
WJDZBT	63.5	-0.7	0.2	38.2	0.3	0.6	1,321.5	0.4	0.3	148.9	0.4	0.6	136.1	0.0	0.4	
WM898M	87.0	0.9	0.7	55.3	2.4	0.6	1,165.0	-0.6	1.9	138.3	-0.2	0.9	134.3	-0.1	0.3	
X3LMCR	66.0	-0.6	0.5	42.0	0.8	0.9	1,160.0	-0.7	0.2	160.9	1.2	0.9	153.3	0.9	0.4	
X6BTWN	78.3	0.3	0.3	45.3	1.2	0.6	1,077.0	-1.2	1.9	131.7	-0.6	0.5	124.0	-0.6	1.4	
Y9NZR2	75.7	0.1	0.3	29.0	-0.8	0.3	1,273.8	0.1	0.5	136.4	-0.3	0.3	126.3	-0.5	0.3	
YKW3Q4	75.1	0.1	0.2	34.4	-0.2	0.3	1,267.4	0.0	0.1	136.0	-0.4	0.7	124.2	-0.6	0.1	
ZDFKEH	74.9	0.1	0.7	34.8	-0.1	0.3	1,210.0	-0.3	0.5	137.8	-0.2	0.6	128.6	-0.4	0.5	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
Grand Median	74.1			35.8			1,263.3			141.8			136.1			
Median Abs Dev	9.2			3.6			93.3			7.5			10.8			
Avg Within Lab SD	6.0			4.0			52.6			6.4			10.2			
Labs Included	44			44			45			43			45			
Labs Reporting	45			45			46			45			45			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>369.9</b>	0.6	0.8	<b>130.2</b>	0.8	0.8	<b>3,918.0</b>	-0.2	0.8	<b>849.3</b>	0.2	0.6	<b>2,776.3</b>	0.0	0.7	
<b>3GNWVG</b>	<b>378.5</b>	0.7	0.7	<b>105.2</b>	0.2	0.1	<b>5,603.3</b>	2.2	1.4	<b>802.8</b>	-0.3	0.1	<b>3,111.7</b>	1.2	0.3	
<b>3N7DDH</b>	<b>328.0</b>	0.0	0.3	<b>83.0</b>	-0.3	0.2	<b>4,124.0</b>	0.1	0.5	<b>753.7</b>	-0.9	0.3	<b>2,701.3</b>	-0.2	0.1	
<b>4RKER2</b>	<b>278.5</b>	-0.6	0.5	<b>81.8</b>	-0.3	0.3	<b>4,438.8</b>	0.6	0.7	<b>830.0</b>	0.0	0.5	<b>2,769.7</b>	0.0	0.2	
<b>4YJWBK</b>	<b>336.7</b>	0.1	0.3	<b>63.3</b>	-0.7	0.5	<b>3,430.0</b>	-0.9	0.6	<b>703.3</b>	-1.5	0.4	<b>2,890.0</b>	0.4	0.2	
<b>62PGXK</b>	<b>266.7</b>	-0.8	0.2	<b>66.3</b>	-0.6	0.4	<b>3,863.7</b>	-0.3	0.9	<b>795.3</b>	-0.4	0.2	<b>2,762.3</b>	0.0	0.1	
<b>8HMNYQ</b>	<b>214.4</b>	-1.4	0.3	<b>64.0</b>	-0.7	0.1	<b>3,897.7</b>	-0.2	0.5	<b>751.8</b>	-0.9	0.6	<b>2,548.5</b>	-0.7	0.6	
<b>9EGFA7</b>	<b>358.7</b>	0.4	0.4	<b>113.5</b>	0.4	0.3	<b>3,502.8</b>	-0.8	0.1	<b>745.8</b>	-1.0	0.1	<b>2,591.2</b>	-0.6	0.3	
<b>9Q99HT</b>	<b>271.2</b>	-0.7	2.1	<b>77.5</b>	-0.4	2.3	<b>4,178.4</b>	0.2	1.9	<b>809.0</b>	-0.3	3.4	<b>2,233.0</b>	-1.8	0.7	
<b>AG4E6F</b>	<b>447.0</b>	1.5	0.3	<b>176.7</b>	1.8	0.8	<b>3,898.7</b>	-0.2	0.2	<b>790.3</b>	-0.5	0.5	<b>2,761.0</b>	0.0	0.1	
<b>AJP7AQ</b>	<b>285.1</b>	-0.5	0.5	<b>76.2</b>	-0.4	0.5	<b>3,279.7</b>	-1.1	0.8	<b>775.1</b>	-0.6	2.6	<b>2,484.0</b>	-0.9	0.7	
<b>B4RBDQ</b>	<b>289.2</b>	-0.5	0.1	<b>94.9</b>	0.0	0.1	<b>5,405.1</b>	2.0	0.8	<b>957.1</b>	1.4	0.3	<b>2,854.5</b>	0.3	0.2	
<b>BC88YC</b>	<b>288.3</b>	-0.5	0.1	<b>63.0</b>	-0.7	0.4	<b>3,280.7</b>	-1.1	0.2	<b>905.0</b>	0.8	0.1	<b>2,582.3</b>	-0.6	0.0	
<b>BKHDTU</b>	<b>521.0</b>	2.5	0.3	<b>251.0</b>	3.5X	0.3	<b>3,515.3</b>	-0.8	0.2	<b>917.0</b>	1.0		<b>2,650.3</b>	-0.4	0.1	
<b>C932XC</b>	<b>278.0</b>	-0.6	1.0	<b>82.3</b>	-0.3	0.4	<b>5,430.0</b>	2.0	0.8	<b>876.0</b>	0.5	0.3	<b>2,960.0</b>	0.7	0.1	
<b>CE7RKN</b>	<b>307.4</b>	-0.2	0.0	<b>75.4</b>	-0.4	0.0	<b>4,426.7</b>	0.6	0.1	<b>840.0</b>	0.1	0.0	<b>2,339.2</b>	-1.4	0.0	
<b>CL9R26</b>	<b>422.0</b>	1.2	0.1	<b>140.0</b>	1.0	0.4	<b>4,107.0</b>	0.1	0.4	<b>851.0</b>	0.2	0.4	<b>2,925.0</b>	0.6	0.4	
<b>DRRH26</b>	<b>217.0</b>	-1.4	0.3	<b>93.5</b>	0.0	0.3	<b>3,691.0</b>	-0.5	0.1	<b>779.5</b>	-0.6	0.1	<b>2,394.0</b>	-1.3	0.1	
<b>FBV7XL</b>	<b>300.0</b>	-0.3	1.6	<b>153.3</b>	1.3	1.1	<b>4,006.7</b>	0.0	1.9	<b>460.0</b>	-4.2X	2.2	<b>2,753.3</b>	0.0	1.4	
<b>FWV6LK</b>	<b>256.2</b>	-0.9	0.2	<b>38.9</b>	-1.3	0.2	<b>5,052.7</b>	1.5	0.1	<b>912.7</b>	0.9	0.1	<b>3,060.7</b>	1.0	0.4	
<b>HDAM7F</b>	<b>284.3</b>	-0.5	0.8	<b>110.0</b>	0.3	0.3	<b>4,716.3</b>	1.0	1.2	<b>869.3</b>	0.4	0.8	<b>2,979.3</b>	0.7	0.9	
<b>JHJX2V</b>	<b>404.6</b>	1.0	1.2	<b>152.5</b>	1.3	1.3	<b>3,643.7</b>	-0.6	1.0	<b>816.9</b>	-0.2	0.8	<b>2,472.3</b>	-1.0	0.7	
<b>JKTZQ2</b>	<b>344.1</b>	0.2	0.7	<b>65.3</b>	-0.7	0.3	<b>4,207.2</b>	0.2	0.3	<b>815.4</b>	-0.2	0.3	<b>2,555.9</b>	-0.7	0.6	
<b>K2TBAX</b>	<b>302.7</b>	-0.3	3.5	<b>118.4</b>	0.5	1.1	<b>3,664.0</b>	-0.5	3.8	<b>677.0</b>	-1.8	2.5	<b>2,389.7</b>	-1.3	5.7	
<b>K8JPY6</b>	<b>444.6</b>	1.5	3.0	<b>205.9</b>	2.5	4.3	<b>4,040.0</b>	0.0	0.9	<b>887.6</b>	0.6	1.7	<b>2,698.2</b>	-0.2	0.5	
<b>M4WU6B</b>	<b>280.9</b>	-0.6	0.4	<b>92.7</b>	0.0	0.5	<b>3,982.4</b>	-0.1	1.1	<b>833.1</b>	0.0	1.0	<b>2,740.8</b>	-0.1	0.3	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>MPRNWX</b>	<b>375.3</b>	0.6	0.1	<b>123.3</b>	0.6	0.1	<b>4,241.3</b>	0.3	0.0	<b>784.7</b>	-0.5	0.1	<b>2,865.3</b>	0.4	0.1	
<b>NC2EMX</b>	<b>325.7</b>	0.0	1.8	<b>83.7</b>	-0.3	0.5	<b>3,265.7</b>	-1.1	1.1	<b>767.3</b>	-0.7	1.2	<b>2,477.0</b>	-1.0	0.9	
<b>NGUHF2</b>	<b>441.7</b>	1.5	0.5	<b>175.0</b>	1.8	0.5	<b>4,806.7</b>	1.1	0.1	<b>898.3</b>	0.8	0.2	<b>3,232.3</b>	1.6	0.2	
<b>NVC7PZ</b>	<b>377.7</b>	0.7	0.3	<b>80.1</b>	-0.3	1.2	<b>4,530.0</b>	0.7	0.9	<b>909.0</b>	0.9	0.4	<b>3,160.0</b>	1.4	0.3	
<b>PAC832</b>	<b>325.2</b>	0.0	0.4	<b>100.2</b>	0.1	0.3	<b>4,041.7</b>	0.0	0.1	<b>965.7</b>	1.5	0.2	<b>3,009.7</b>	0.8	0.0	
<b>QVRACQ</b>	<b>318.4</b>	-0.1	1.0	<b>105.0</b>	0.2	0.3	<b>3,499.3</b>	-0.8	0.1	<b>798.1</b>	-0.4	1.0	<b>2,639.6</b>	-0.4	0.3	
<b>R732FQ</b>	<b>392.6</b>	0.9	0.1	<b>145.9</b>	1.1	0.1	<b>4,671.0</b>	0.9	0.9	<b>883.6</b>	0.6	0.3	<b>2,990.6</b>	0.8	0.5	
<b>RCPNBV</b>	<b>326.0</b>	0.0	1.1	<b>94.9</b>	0.0	0.3	<b>4,633.1</b>	0.9	1.1	<b>930.9</b>	1.1	1.1	<b>3,382.1</b>	2.1	1.2	
<b>REHMKN</b>	<b>271.3</b>	-0.7	0.7	<b>66.7</b>	-0.6	0.1	<b>3,471.3</b>	-0.8	0.4	<b>770.7</b>	-0.7	1.1	<b>2,695.0</b>	-0.2	0.7	
<b>RQB4DV</b>	<b>370.0</b>	0.6	0.3	<b>107.2</b>	0.3	0.3	<b>4,204.0</b>	0.2	0.5	<b>874.2</b>	0.5	0.3	<b>2,862.0</b>	0.3	0.3	
<b>VABCVP</b>	<b>144.5</b>	-2.3X	2.2	<b>42.1</b>	-1.2	2.0	<b>2,768.3</b>	-1.8X	2.9	<b>518.9</b>	-3.5X	2.7	<b>1,942.2</b>	-2.8X	2.3	
<b>WJDZBT</b>	<b>242.1</b>	-1.1	0.4	<b>60.9</b>	-0.8	0.2	<b>3,523.3</b>	-0.7	0.8	<b>757.2</b>	-0.8	0.4	<b>2,642.7</b>	-0.4	0.5	
<b>WM898M</b>	<b>436.0</b>	1.4	1.3	<b>133.7</b>	0.9	1.5	<b>4,667.7</b>	0.9	1.1	<b>883.3</b>	0.6	0.7	<b>3,083.7</b>	1.1	0.5	
<b>X3LMCR</b>	<b>309.7</b>	-0.2	0.1	<b>141.9</b>	1.1	0.5	<b>4,491.0</b>	0.6	1.4	<b>933.6</b>	1.2	0.2	<b>2,798.9</b>	0.1	0.2	
<b>X6BTWN</b>	<b>341.3</b>	0.2	0.6	<b>81.7</b>	-0.3	1.4	<b>4,375.3</b>	0.5	1.0	<b>702.7</b>	-1.5	0.5	<b>3,063.7</b>	1.0	0.1	
<b>Y9NZR2</b>	<b>354.3</b>	0.4	0.1	<b>125.2</b>	0.7	0.4	<b>3,344.1</b>	-1.0	0.1	<b>826.1</b>	-0.1	1.3	<b>2,672.4</b>	-0.3	0.2	
<b>YKW3Q4</b>	<b>355.6</b>	0.4	0.1	<b>121.3</b>	0.6	0.4	<b>3,486.3</b>	-0.8	0.3	<b>881.5</b>	0.6	0.9	<b>2,826.8</b>	0.2	0.0	
<b>ZDFKEH</b>	<b>385.3</b>	0.8	0.3	<b>139.1</b>	1.0	0.6	<b>4,008.7</b>	0.0	0.6	<b>890.0</b>	0.7	0.4	<b>2,943.0</b>	0.6	0.5	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	326.0			94.9			4,040.0			831.5			2,762.3			
<b>Median Abs Dev</b>	45.1			28.2			450.9			54.1			180.0			
<b>Avg Within Lab SD</b>	21.1			10.7			151.2			39.0			176.5			
<b>Labs Included</b>	43			43			43			42			43			
<b>Labs Reporting</b>	44			44			44			44			44			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>80.7</b>	0.4	0.1	<b>23.3</b>	0.8	0.8	<b>1,354.3</b>	0.0	0.7	<b>286.7</b>	0.4	0.6	<b>570.6</b>	0.2	0.1	
<b>3GNWVG</b>	<b>94.1</b>	1.2	0.4	<b>27.2</b>	1.3	0.5	<b>1,874.7</b>	2.7	0.2	<b>273.3</b>	0.0	0.4	<b>656.0</b>	1.4	0.4	
<b>3N7DDH</b>	<b>69.0</b>	-0.2	0.2	<b>14.3</b>	-0.3	0.3	<b>1,291.0</b>	-0.4	0.2	<b>238.7</b>	-0.8	0.2	<b>513.7</b>	-0.6	0.4	
<b>4RKER2</b>	<b>80.5</b>	0.4	0.3	<b>22.5</b>	0.7	1.2	<b>1,853.3</b>	2.6	0.3	<b>375.0</b>	2.4	0.6	<b>730.1</b>	2.4	0.4	
<b>4YJWBK</b>	<b>73.0</b>	0.0	0.5	<b>8.3</b>	-1.1	0.8	<b>1,358.0</b>	0.0	0.6	<b>215.0</b>	-1.3	0.2	<b>578.0</b>	0.3	0.2	
<b>62PGXK</b>	<b>56.0</b>	-1.0	0.3	<b>11.7</b>	-0.6	0.3	<b>1,361.3</b>	0.0	0.1	<b>248.3</b>	-0.5	0.1	<b>534.0</b>	-0.3	0.1	
<b>8HMNYQ</b>	<b>25.9</b>	-2.7X	0.5	<b>1.0</b>	-2.0X		<b>660.9</b>	-3.6X	0.1	<b>192.5</b>	-1.9	0.4	<b>358.7</b>	-2.6X	0.3	
<b>9EGFA7</b>	<b>80.6</b>	0.4	0.5	<b>16.3</b>	-0.1	0.4	<b>1,290.8</b>	-0.4	0.4	<b>276.7</b>	0.1	0.6	<b>594.9</b>	0.5	0.2	
<b>9Q99HT</b>	<b>59.0</b>	-0.8	1.4	<b>15.8</b>	-0.1	2.4	<b>1,360.8</b>	0.0	1.6	<b>252.0</b>	-0.5	1.9	<b>444.0</b>	-1.5	1.1	
<b>AG4E6F</b>	<b>95.0</b>	1.3	0.2	<b>47.0</b>	3.8X	0.5	<b>1,062.7</b>	-1.6	0.1	<b>207.0</b>	-1.5	0.1	<b>423.7</b>	-1.8	0.0	
<b>AJP7AQ</b>	<b>59.4</b>	-0.8	2.0	<b>14.1</b>	-0.3	0.9	<b>1,191.3</b>	-0.9	1.2	<b>251.2</b>	-0.5	2.2	<b>480.8</b>	-1.0	1.5	
<b>B4RBDQ</b>	<b>62.6</b>	-0.6	0.1	<b>15.5</b>	-0.2	0.2	<b>1,588.1</b>	1.2	0.4	<b>303.6</b>	0.8	0.7	<b>580.4</b>	0.3	0.1	
<b>BC88YC</b>	<b>63.6</b>	-0.5	0.1	<b>19.3</b>	0.3	0.2	<b>1,224.7</b>	-0.7	0.2	<b>353.0</b>	1.9	0.1	<b>538.7</b>	-0.2	0.0	
<b>BKHDTU</b>	<b>81.7</b>	0.5	0.1	<b>15.0</b>	-0.2		<b>1,200.0</b>	-0.8	0.2	<b>251.7</b>	-0.5	0.1	<b>499.0</b>	-0.8	0.1	
<b>C932XC</b>	<b>55.3</b>	-1.0	1.1	<b>13.0</b>	-0.5	0.5	<b>1,610.0</b>	1.3	0.5	<b>268.7</b>	-0.1	0.2	<b>548.3</b>	-0.1	0.1	
<b>CE7RKN</b>	<b>58.1</b>	-0.9	0.0	<b>11.9</b>	-0.6	0.1	<b>1,528.2</b>	0.9	0.0	<b>352.9</b>	1.9	0.2	<b>612.4</b>	0.8	0.1	
<b>CL9R26</b>	<b>90.8</b>	1.0	0.4	<b>26.1</b>	1.2	0.1	<b>1,463.7</b>	0.5	0.0	<b>291.0</b>	0.5	0.1	<b>571.0</b>	0.2	0.1	
<b>DRRH26</b>	<b>49.5</b>	-1.3	0.4	<b>13.5</b>	-0.4	0.4	<b>1,250.5</b>	-0.6	0.1	<b>263.5</b>	-0.2	0.4	<b>482.0</b>	-1.0	0.3	
<b>FBV7XL</b>	<b>68.6</b>	-0.3	1.3	<b>24.2</b>	1.0	0.0	<b>1,435.3</b>	0.4	0.9	<b>149.0</b>	-2.9X	1.4	<b>556.7</b>	0.0	1.9	
<b>FWV6LK</b>	<b>62.8</b>	-0.6	0.2	<b>14.9</b>	-0.2	0.2	<b>1,610.3</b>	1.3	0.4	<b>292.7</b>	0.5	0.2	<b>567.0</b>	0.2	0.5	
<b>HDAM7F</b>	<b>82.7</b>	0.5	3.6				<b>1,575.7</b>	1.1	0.1	<b>288.7</b>	0.4	0.6	<b>578.3</b>	0.3	0.3	
<b>JHJX2V</b>	<b>78.6</b>	0.3	0.3	<b>11.3</b>	-0.7	1.3	<b>1,388.7</b>	0.1	1.2	<b>273.7</b>	0.0	0.6	<b>552.6</b>	0.0	0.5	
<b>JKTZQ2</b>	<b>70.5</b>	-0.1	0.5	<b>12.2</b>	-0.6	0.7	<b>1,337.3</b>	-0.1	0.6	<b>254.6</b>	-0.4	0.4	<b>471.7</b>	-1.1	0.8	
<b>K2TBAX</b>	<b>70.5</b>	-0.1	2.0	<b>28.8</b>	1.5	0.9	<b>1,244.0</b>	-0.6	2.7	<b>242.2</b>	-0.7	2.1	<b>373.9</b>	-2.4	3.7	
<b>K8JPY6</b>	<b>89.3</b>	0.9	0.6	<b>28.5</b>	1.5	1.4	<b>1,535.2</b>	0.9	0.7	<b>257.5</b>	-0.3	0.5	<b>565.5</b>	0.1	0.5	
<b>M4WU6B</b>	<b>56.7</b>	-0.9	1.2	<b>13.7</b>	-0.4	1.5	<b>1,424.9</b>	0.3	2.4	<b>257.1</b>	-0.3	1.0	<b>484.6</b>	-1.0	1.3	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>MPRNWX</b>	<b>77.4</b>	0.2	0.1	<b>22.3</b>	0.7	0.4	<b>1,494.0</b>	0.7	0.1	<b>258.7</b>	-0.3	0.2	<b>564.0</b>	0.1	0.2	
<b>NC2EMX</b>	<b>77.3</b>	0.2	1.6	<b>16.7</b>	0.0	0.6	<b>1,247.0</b>	-0.6	1.3	<b>271.7</b>	0.0	0.9	<b>539.3</b>	-0.2	0.9	
<b>NGUHF2</b>	<b>90.7</b>	1.0	0.2	<b>28.0</b>	1.4	0.5	<b>1,486.7</b>	0.7	0.1	<b>283.3</b>	0.3	0.4	<b>606.3</b>	0.7	0.2	
<b>NVC7PZ</b>	<b>82.9</b>	0.6	0.2	<b>16.2</b>	-0.1	0.3	<b>1,445.0</b>	0.4	0.1	<b>292.0</b>	0.5	0.1	<b>615.0</b>	0.8		
<b>PAC832</b>	<b>64.7</b>	-0.5	0.3	<b>17.5</b>	0.1	0.4	<b>1,438.0</b>	0.4	0.1	<b>302.7</b>	0.7	0.2	<b>573.7</b>	0.2	0.4	
<b>QVRACQ</b>	<b>63.8</b>	-0.5	0.7	<b>20.7</b>	0.5	0.4	<b>1,320.7</b>	-0.2	1.1	<b>224.3</b>	-1.1	0.3	<b>518.7</b>	-0.5	0.3	
<b>R732FQ</b>	<b>96.3</b>	1.3	0.4	<b>33.7</b>	2.2	0.2	<b>1,543.5</b>	0.9	0.6	<b>294.5</b>	0.5	0.3	<b>599.9</b>	0.6	0.6	
<b>RCPNBV</b>	<b>70.5</b>	-0.1	2.0	<b>15.7</b>	-0.1	0.7	<b>1,653.3</b>	1.5	2.1	<b>301.0</b>	0.7	3.6	<b>643.0</b>	1.2	2.1	
<b>REHMKN</b>	<b>59.0</b>	-0.8	0.8	<b>13.0</b>	-0.5	0.5	<b>1,333.7</b>	-0.1	0.5	<b>233.3</b>	-0.9	1.9	<b>555.3</b>	0.0	1.0	
<b>RQB4DV</b>	<b>84.7</b>	0.7	0.7	<b>21.5</b>	0.6	0.3	<b>1,527.7</b>	0.9	0.6	<b>283.1</b>	0.3	0.8	<b>625.0</b>	0.9	0.6	
<b>VABCVP</b>	<b>37.3</b>	-2.0	1.7	<b>11.9</b>	-0.6	3.2	<b>1,196.1</b>	-0.9	2.5	<b>161.7</b>	-2.6	2.3	<b>424.4</b>	-1.8	2.6	
<b>WJDZBT</b>	<b>59.9</b>	-0.7	0.4	<b>13.5</b>	-0.4	0.3	<b>1,321.0</b>	-0.2	0.4	<b>225.9</b>	-1.1	0.2	<b>519.7</b>	-0.5	0.2	
<b>WM898M</b>	<b>84.3</b>	0.6	0.8	<b>21.3</b>	0.6	1.7	<b>1,489.3</b>	0.7	1.9	<b>284.0</b>	0.3	0.5	<b>546.3</b>	-0.1	0.3	
<b>X3LMCR</b>	<b>65.5</b>	-0.4	0.2	<b>21.3</b>	0.6	0.2	<b>1,388.7</b>	0.1	0.6	<b>277.7</b>	0.1	0.6	<b>526.2</b>	-0.4	0.3	
<b>X6BTWN</b>	<b>86.7</b>	0.8	1.0	<b>35.7</b>	2.4	2.2	<b>1,167.0</b>	-1.0	1.3	<b>243.3</b>	-0.7	1.0	<b>483.3</b>	-1.0	1.7	
<b>Y9NZR2</b>	<b>83.0</b>	0.6	0.4	<b>20.8</b>	0.5	0.5	<b>1,350.5</b>	-0.1	0.4	<b>272.4</b>	0.0	0.1	<b>598.6</b>	0.6	0.1	
<b>YKW3Q4</b>	<b>91.0</b>	1.0	0.3	<b>23.4</b>	0.8	1.1	<b>1,346.2</b>	-0.1	0.1	<b>294.7</b>	0.5	0.7	<b>616.7</b>	0.8	0.2	
<b>ZDFKEH</b>	<b>83.6</b>	0.6	0.6	<b>24.5</b>	1.0	0.6	<b>1,318.3</b>	-0.2	0.4	<b>271.0</b>	0.0	0.4	<b>542.7</b>	-0.2	0.7	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	73.0			16.7			1,361.3			271.7			555.3			
<b>Median Abs Dev</b>	10.4			4.6			114.3			20.3			39.5			
<b>Avg Within Lab SD</b>	5.3			1.8			62.3			13.4			28.6			
<b>Labs Included</b>	43			41			43			43			43			
<b>Labs Reporting</b>	44			43			44			44			44			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3GMUC4</b>	<b>8.0</b>	0.1	0.4	<b>12.7</b>	0.2	0.2	<b>223.3</b>	0.4	0.6	<b>66.0</b>	0.5	0.4	<b>12.4</b>	0.6	0.2		
<b>3GNWVG</b>	<b>12.2</b>	0.9	0.8	<b>16.6</b>	1.1	0.7	<b>254.8</b>	1.4	0.2	<b>66.1</b>	0.6	0.2	<b>13.2</b>	0.8	0.2		
<b>3N7DDH</b>	<b>22.0</b>	3.0	1.0	<b>22.0</b>	2.3	0.5	<b>172.0</b>	-1.4	0.2	<b>59.3</b>	-0.2	0.5	<b>14.3</b>	1.0	0.2		
<b>4RKER2</b>	<b>1.3</b>	-1.3	0.1	<b>5.0</b>	-1.5	0.2	<b>208.4</b>	-0.1	0.1	<b>60.8</b>	0.0	0.2	<b>2.4</b>	-1.5	0.4		
<b>4YJWBK</b>	<b>7.3</b>	-0.1	0.6	<b>19.7</b>	1.7	0.6	<b>214.7</b>	0.1	0.4	<b>57.3</b>	-0.4	0.3	<b>13.7</b>	0.9	0.9		
<b>62PGXK</b>	<b>7.7</b>	0.0	0.6	<b>11.7</b>	0.0	0.6	<b>248.7</b>	1.2	0.5	<b>67.3</b>	0.7	0.2	<b>10.7</b>	0.2	0.4		
<b>8HMNYQ</b>	<b>7.3</b>	-0.1	0.5	<b>10.9</b>	-0.2	0.1	<b>179.8</b>	-1.1	0.1	<b>52.7</b>	-0.8	0.2	<b>7.5</b>	-0.4	0.2		
<b>9EGFA7</b>	<b>8.1</b>	0.1	0.3	<b>13.4</b>	0.4	0.1	<b>207.1</b>	-0.2	0.0	<b>59.0</b>	-0.2	0.0	<b>9.3</b>	0.0	0.2		
<b>9Q99HT</b>	<b>28.9</b>	<b>4.5X</b>	2.0	<b>23.3</b>	2.6	1.8	<b>191.6</b>	-0.7	1.1	<b>66.6</b>	0.6	0.7	<b>29.0</b>	4.1	3.0		
<b>AG4E6F</b>	<b>8.7</b>	0.2	0.0	<b>11.4</b>	-0.1	0.0	<b>175.0</b>	-1.3	0.0	<b>50.8</b>	-1.0	0.1	<b>9.5</b>	0.0	0.1		
<b>AJP7AQ</b>	<b>4.6</b>	-0.6	0.9	<b>19.7</b>	1.7	5.0	<b>197.6</b>	-0.5	0.3	<b>56.7</b>	-0.4	1.8	<b>3.8</b>	-1.2	0.4		
<b>B4RBDQ</b>	<b>8.6</b>	0.2	0.3	<b>13.3</b>	0.3	0.2	<b>246.6</b>	1.1	0.2	<b>70.0</b>	1.0	0.3	<b>10.0</b>	0.1	0.0		
<b>BC88YC</b>	<b>4.7</b>	-0.6	0.1	<b>11.0</b>	-0.2	0.2	<b>259.0</b>	1.5	0.2	<b>91.1</b>	<b>3.2X</b>	0.3	<b>14.8</b>	1.1	0.2		
<b>C932XC</b>	<b>17.3</b>	2.0	2.1	<b>29.3</b>	<b>3.9X</b>	3.1	<b>216.3</b>	0.1	0.4	<b>83.0</b>	2.3	3.4	<b>57.0</b>	<b>10.1X</b>	8.8		
<b>CE7RKN</b>	<b>6.1</b>	-0.3	0.0	<b>11.8</b>	0.0	0.0	<b>113.3</b>	<b>-3.3X</b>	0.0	<b>68.7</b>	0.8	0.0	<b>5.4</b>	-0.9	0.0		
<b>CL9R26</b>	<b>10.2</b>	0.5	0.7	<b>13.6</b>	0.4	0.1	<b>226.3</b>	0.5	0.1	<b>65.2</b>	0.5	0.2	<b>9.3</b>	0.0	0.0		
<b>DRRH26</b>	<b>8.5</b>	0.2	0.4	<b>10.5</b>	-0.3	0.2	<b>240.0</b>	0.9	0.3	<b>60.5</b>	0.0	0.7	<b>9.5</b>	0.0	0.3		
<b>FBV7XL</b>	<b>7.7</b>	0.0	0.7	<b>13.0</b>	0.3	0.4	<b>243.0</b>	1.0	3.6	<b>38.3</b>	-2.3	1.4	<b>12.3</b>	0.6	2.2		
<b>FWV6LK</b>							<b>162.4</b>	-1.7	0.4								
<b>JHJX2V</b>	<b>1.3</b>	-1.3	0.5	<b>11.5</b>	-0.1	0.4	<b>191.7</b>	-0.7	0.4	<b>42.8</b>	-1.9	0.4	<b>5.4</b>	-0.9	0.6		
<b>JKTZQ2</b>	<b>2.3</b>	-1.1	0.5	<b>9.8</b>	-0.4	0.3	<b>225.8</b>	0.4	0.2	<b>55.1</b>	-0.6	0.3	<b>11.7</b>	0.5	1.8		
<b>K2TBAX</b>	<b>21.3</b>	2.9	4.4	<b>16.8</b>	1.1	1.0	<b>165.9</b>	-1.6	2.3	<b>44.2</b>	-1.7	1.4	<b>13.8</b>	0.9	3.6		
<b>M4WU6B</b>	<b>6.0</b>	-0.4	0.3	<b>10.4</b>	-0.3	0.2	<b>207.2</b>	-0.2	0.2	<b>59.2</b>	-0.2	0.1	<b>7.5</b>	-0.4	0.0		
<b>NC2EMX</b>	<b>7.0</b>	-0.1	0.5	<b>11.7</b>	0.0	0.2	<b>201.3</b>	-0.4	0.9	<b>61.7</b>	0.1	0.8	<b>9.0</b>	-0.1	0.4		
<b>NGUHF2</b>	<b>8.3</b>	0.1	0.3	<b>10.7</b>	-0.2	0.2	<b>213.3</b>	0.0	0.3	<b>54.7</b>	-0.6	0.2	<b>7.7</b>	-0.4	0.2		
<b>NVC7PZ</b>	<b>6.7</b>	-0.2	0.0	<b>9.4</b>	-0.5	0.5	<b>217.0</b>	0.1	0.2	<b>65.1</b>	0.4	0.6	<b>6.2</b>	-0.7	0.2		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>QVRACQ</b>	<b>10.7</b>	0.6	0.4	<b>13.3</b>	0.3	0.4	<b>211.5</b>	0.0	0.3	<b>60.8</b>	0.0	0.4	<b>15.0</b>	1.2	1.0	
<b>RCPNBV</b>	<b>5.3</b>	-0.5	1.3	<b>10.4</b>	-0.3	0.6	<b>229.4</b>	0.6	0.5	<b>60.4</b>	0.0	1.4	<b>7.4</b>	-0.4	0.8	
<b>REHMKN</b>	<b>7.7</b>	0.0	0.6	<b>11.3</b>	-0.1	0.2	<b>209.3</b>	-0.1	0.1	<b>61.7</b>	0.1	0.3	<b>9.0</b>	-0.1	0.4	
<b>RQB4DV</b>	<b>12.1</b>	0.9	0.9	<b>14.9</b>	0.7	0.1	<b>209.9</b>	-0.1	0.4	<b>66.3</b>	0.6	0.8	<b>10.2</b>	0.2	0.3	
<b>VABCVP</b>	<b>3.0</b>	-1.0	1.1	<b>5.3</b>	-1.4	1.1	<b>212.2</b>	0.0	2.9	<b>42.7</b>	-1.9	3.2	<b>4.2</b>	-1.1	0.3	
<b>WJDZBT</b>	<b>12.4</b>	1.0	0.2	<b>17.8</b>	1.3	0.8	<b>201.1</b>	-0.4	0.1	<b>63.5</b>	0.3	0.3	<b>13.7</b>	0.9	0.7	
<b>WM898M</b>	<b>4.7</b>	-0.6	0.5	<b>9.4</b>	-0.5	0.1	<b>292.3</b>	2.7	2.2	<b>58.0</b>	-0.3	0.4	<b>9.6</b>	0.0	0.4	
<b>X3LMCR</b>	<b>11.8</b>	0.9	0.9	<b>16.9</b>	1.1	0.5	<b>227.6</b>	0.5	0.2	<b>71.3</b>	1.1	0.5	<b>14.9</b>	1.1	0.5	
<b>X6BTWN</b>	<b>3.3</b>	-0.9	0.3	<b>8.0</b>	-0.8		<b>184.3</b>	-1.0	1.0	<b>51.7</b>	-1.0	0.1	<b>5.3</b>	-0.9	0.2	
<b>Y9NZR2</b>	<b>6.1</b>	-0.3	0.1	<b>13.1</b>	0.3	0.0	<b>215.2</b>	0.1	0.2	<b>63.4</b>	0.3	0.0	<b>8.9</b>	-0.1	0.1	
<b>YKW3Q4</b>	<b>9.5</b>	0.4	0.3	<b>14.9</b>	0.7	0.1	<b>219.3</b>	0.2	0.2	<b>62.4</b>	0.2	0.2	<b>9.9</b>	0.1	0.1	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	7.67			11.8			212.8			60.8			9.50			
<b>Median Abs Dev</b>	2.35			1.6			14.2			5.2			2.77			
<b>Avg Within Lab SD</b>	2.02			3.7			18.2			5.4			2.69			
<b>Labs Included</b>	35			35			36			35			35			
<b>Labs Reporting</b>	36			36			37			36			36			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>R732FQ</b>	<b>73.3</b>		<b>0.7</b>	<b>26.9</b>		<b>1.1</b>	<b>461.7</b>		<b>0.9</b>	<b>101.7</b>		<b>0.9</b>	<b>102.8</b>		<b>1.2</b>	
<b>ZGX28M</b>	<b>61.7</b>		<b>1.2</b>	<b>19.4</b>		<b>0.9</b>	<b>831.4</b>		<b>1.1</b>	<b>79.0</b>		<b>1.1</b>	<b>90.3</b>		<b>0.8</b>	
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	67.5			23.2			646.5			90.4			96.6			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.8			0.9			4.3			1.9			1.4			
<b>Labs Included</b>	2			2			2			2			2			
<b>Labs Reporting</b>	2			2			2			2			2			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8YWAN8</b>	<b>64.0</b>		0.7	<b>36.7</b>		1.1	<b>982.0</b>		1.3	<b>134.7</b>		1.3	<b>112.0</b>		1.2	
<b>JHJX2V</b>	<b>83.9</b>		1.2	<b>32.9</b>		0.9	<b>991.5</b>		0.6	<b>123.9</b>		0.4	<b>103.1</b>		0.8	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	74.0			34.8			986.8			129.3			107.5			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	2.7			1.4			22.2			2.3			3.4			
<b>Labs Included</b>	2			2			2			2			2			
<b>Labs Reporting</b>	2			2			2			2			2			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>WR4PP9</b>	<b>52.0</b>		1.0	<b>29.0</b>		1.0	<b>1,412.0</b>		1.0	<b>158.0</b>		1.0	<b>119.7</b>		1.0			

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
<b>Grand Median</b>	52.0			29.0			1,412.0			158.0			119.7					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	1.7			1.3			100.5			1.0			1.5					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS1706				SRS1707				SRS1708			SRS1709			SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WR4PP9</b>	<b>242.3</b>		1.0	<b>72.0</b>		1.0	<b>7,841.0</b>		1.0	<b>919.3</b>		1.0	<b>2,680.3</b>		1.0	

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS1706				SRS1707				SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	242.3			72.0			7,841.0			919.3			2,680.3			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	5.5			2.6			531.8			14.6			16.2			
<b>Labs Included</b>	1			1			1			1			1			
<b>Labs Reporting</b>	1			1			1			1			1			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8YWAN8</b>	<b>2.4</b>		0.2	<b>104.0</b>		0.5	<b>0.4</b>		0.1	<b>3.0</b>		0.1	<b>0.1</b>		0.0	
<b>H87JGH</b>	<b>6.3</b>		1.9	<b>130.5</b>		1.8	<b>5.7</b>		1.7	<b>12.0</b>		1.9	<b>59.4</b>		0.0	
<b>JUGU3X</b>	<b>1.2</b>		0.1	<b>58.7</b>		0.2				<b>3.0</b>		0.1				
<b>RQB4DV</b>	<b>3.2</b>		0.4	<b>71.9</b>		0.7	<b>0.8</b>		0.2	<b>2.2</b>		0.6	<b>0.6</b>		1.7	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	2.78			87.9			0.78			2.99			0.57			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.46			1.8			0.80			0.73			0.06			
<b>Labs Included</b>	4			4			3			4			3			
<b>Labs Reporting</b>	4			4			3			4			3			





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DZ6Q37</b>	<b>49.32</b>		1.41	<b>7.61</b>		1.72	<b>70.52</b>		1.91	<b>1.45</b>		1.56	<b>55.18</b>		1.60	
<b>JUGU3X</b>	<b>41.54</b>		0.71	<b>9.05</b>		0.25	<b>69.76</b>		0.35	<b>1.20</b>		0.16	<b>49.39</b>		0.45	
<b>MJMWLE</b>	<b>44.83</b>		1.22	<b>6.50</b>		0.96	<b>65.33</b>		0.46	<b>1.00</b>			<b>51.33</b>		1.05	
<b>PAC832</b>	<b>44.50</b>		0.12	<b>8.45</b>		0.25	<b>70.22</b>		0.01	<b>1.15</b>		0.74	<b>52.48</b>		0.38	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	<b>Grand Median</b>		44.7			8.03			70.0			1.17			51.9	
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>		2.3			0.52			2.3			0.13			1.2		
<b>Labs Included</b>		4			4			4			4			4		
<b>Labs Reporting</b>		4			4			4			4			4		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1710				
SRS1706				SRS1707				SRS1708				SRS1709						
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>DZ6Q37</b>	<b>67.3</b>		1.0	<b>22.7</b>		1.3	<b>548.7</b>		1.7	<b>88.5</b>		1.1	<b>79.8</b>		1.3			
<b>JUGU3X</b>	<b>64.8</b>		0.6	<b>19.6</b>		0.3	<b>575.4</b>		0.1	<b>90.2</b>		0.6	<b>75.8</b>		0.4			
<b>MJMWLE</b>	<b>65.5</b>		1.6	<b>23.7</b>		1.5	<b>610.2</b>		1.1	<b>91.7</b>		1.3	<b>84.5</b>		1.4			
<b>PAC832</b>	<b>56.1</b>		0.1	<b>20.6</b>		0.2	<b>505.9</b>		0.2	<b>83.7</b>		0.7	<b>72.7</b>		0.0			

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1710				
SRS1706				SRS1707				SRS1708				SRS1709						
<b>Grand Median</b>	65.2			21.7			562.1			89.4			77.8					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	4.6			1.0			24.7			3.7			3.3					
<b>Labs Included</b>	4			4			4			4			4					
<b>Labs Reporting</b>	4			4			4			4			4					



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score										
<b>DZ6Q37</b>	<b>427.9</b>		1.4	<b>123.1</b>		2.0	<b>3,536.9</b>		1.6	<b>711.9</b>		1.3	<b>2,597.3</b>		1.6													
<b>JUGU3X</b>	<b>382.2</b>		0.5	<b>101.8</b>		0.1	<b>3,859.0</b>		0.3	<b>694.5</b>		1.3	<b>2,491.5</b>		1.0													
<b>MJMWLE</b>	<b>412.8</b>		1.4	<b>99.8</b>		0.2	<b>3,272.8</b>		0.8	<b>689.8</b>		0.6	<b>2,565.3</b>		0.5													
<b>PAC832</b>	<b>349.3</b>		0.2	<b>110.2</b>		0.1	<b>3,552.8</b>		0.8	<b>674.5</b>		0.5	<b>2,514.1</b>		0.4													
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	397.5			106.0			3,544.9			692.2			2,539.7															
<b>Median Abs Dev</b>																												
<b>Avg Within Lab SD</b>	31.2			11.1			72.9			19.9			64.4															
<b>Labs Included</b>	4			4			4			4			4															
<b>Labs Reporting</b>	4			4			4			4			4															



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DZ6Q37</b>	<b>83.5</b>		1.2	<b>18.8</b>		2.0	<b>1,232.7</b>		1.8	<b>223.1</b>		1.2	<b>513.9</b>		1.4	
<b>JUGU3X</b>	<b>82.4</b>		0.5	<b>15.5</b>		0.2	<b>2,047.5</b>		0.8	<b>265.3</b>		1.3	<b>625.7</b>		1.3	
<b>MJMWLE</b>	<b>84.7</b>		1.5	<b>16.3</b>		0.4	<b>1,101.0</b>		0.2	<b>231.2</b>		0.8	<b>493.2</b>		0.6	
<b>PAC832</b>	<b>64.7</b>		0.0	<b>16.2</b>		0.1	<b>1,229.3</b>		0.2	<b>211.0</b>		0.1	<b>483.8</b>		0.0	
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	82.9			16.3			1,231.0			227.1			503.5			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	5.9			1.5			23.7			5.8			17.3			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
														SRS1710		
SRS1706				SRS1707				SRS1708				SRS1709				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DZ6Q37</b>	<b>24.2</b>		1.9	<b>14.5</b>		1.9	<b>6.2</b>		1.7	<b>13.0</b>		1.9	<b>31.8</b>		1.9	
<b>JUGU3X</b>	<b>17.2</b>		0.3	<b>12.7</b>		0.3	<b>7.5</b>		0.7	<b>10.8</b>		0.0	<b>27.0</b>		0.4	
<b>MJMWLE</b>	<b>18.7</b>		0.6	<b>12.3</b>		0.4	<b>2.7</b>		0.7	<b>10.8</b>		0.6	<b>27.0</b>		0.3	
<b>PAC832</b>	<b>18.7</b>		0.0	<b>13.4</b>		0.1	<b>7.6</b>		0.5	<b>11.3</b>		0.2	<b>27.3</b>		0.1	

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
														SRS1710		
SRS1706				SRS1707				SRS1708				SRS1709				
<b>Grand Median</b>	18.7			13.0			6.85			11.1			27.2			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	1.7			0.7			0.43			1.0			1.9			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score										
<b>DZ6Q37</b>	<b>5.51</b>		1.67	<b>1.24</b>		1.50	<b>0.23</b>		1.06	<b>0.52</b>		1.76	<b>2.24</b>		1.96													
<b>JUGU3X</b>	<b>4.89</b>		0.83	<b>1.11</b>		0.23	<b>0.37</b>		1.40	<b>0.46</b>		0.30	<b>2.02</b>		0.28													
<b>MJMWLE</b>	<b>4.60</b>		0.70	<b>0.98</b>		0.52	<b>0.05</b>		0.00	<b>0.32</b>		0.50	<b>1.72</b>		0.20													
<b>PAC832</b>	<b>4.15</b>		0.14	<b>1.20</b>		1.20	<b>0.35</b>		0.96	<b>0.44</b>		0.75	<b>2.03</b>		0.17													
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>			4.75																									
<b>Median Abs Dev</b>																												
<b>Avg Within Lab SD</b>			0.26																									
<b>Labs Included</b>			4																									
<b>Labs Reporting</b>			4																									



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm <sup>3</sup>		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8FXGET</b>	<b>2.75</b>	9.00 <b>X</b>	2.43	<b>2.16</b>	8.00 <b>X</b>	1.35	<b>2.10</b>	8.29 <b>X</b>	4.73	<b>1.95</b>	7.58 <b>X</b>	2.68	<b>2.03</b>	7.12 <b>X</b>	4.54
<b>AG4E6F</b>	<b>1.42</b>	-0.78	0.59	<b>1.13</b>	-0.78	0.20	<b>1.04</b>	-1.02	0.31	<b>1.00</b>	-1.11	0.27	<b>1.11</b>	-0.76	0.29
<b>CL9R26</b>	<b>1.61</b>	0.61	0.58	<b>1.31</b>	0.70	0.34	<b>1.21</b>	0.41	0.28	<b>1.19</b>	0.62	0.88	<b>1.24</b>	0.37	0.37
<b>DRRH26</b>	<b>1.61</b>	0.61		<b>1.32</b>	0.81		<b>1.25</b>	0.80		<b>1.19</b>	0.65		<b>1.33</b>	1.11	
<b>HJY4EZ</b>	<b>1.34</b>	-1.35	2.05	<b>1.00</b>	-1.89	2.05	<b>0.95</b>	-1.89	2.16	<b>0.97</b>	-1.37	1.92	<b>0.97</b>	-1.94	0.75
<b>N4RMJU</b>	<b>1.53</b>	0.00	1.22	<b>1.23</b>	0.07	0.67	<b>1.14</b>	-0.18	1.27	<b>1.11</b>	-0.04	1.17	<b>1.22</b>	0.14	1.34
<b>NBPLQA</b>	<b>1.55</b>	0.17	0.00	<b>1.21</b>	-0.13	0.00	<b>1.16</b>	0.00	0.00	<b>1.18</b>	0.56	0.00	<b>1.17</b>	-0.26	0.00
<b>NJJU9F</b>	<b>1.55</b>	0.19	0.96	<b>1.26</b>	0.26	0.11	<b>1.17</b>	0.10	1.16	<b>1.12</b>	0.00	0.78	<b>1.21</b>	0.06	0.76
<b>PAC832</b>	<b>1.39</b>	-1.01	1.01	<b>1.11</b>	-1.01	0.34	<b>1.07</b>	-0.83	1.21	<b>1.04</b>	-0.71	0.00	<b>1.11</b>	-0.78	1.29
<b>VABCVP</b>	<b>1.62</b>	0.67	1.13	<b>1.33</b>	0.88	1.67	<b>1.24</b>	0.74	0.56	<b>1.21</b>	0.86	1.46	<b>1.31</b>	0.92	2.04
<b>XEDFF9</b>	<b>1.40</b>	-0.90	0.55	<b>1.22</b>	0.00	1.22	<b>1.18</b>	0.20	0.33	<b>1.15</b>	0.29	0.87	<b>1.20</b>	0.00	0.94
<b>YKW3Q4</b>	<b>1.38</b>	-1.12	0.29	<b>1.12</b>	-0.89	0.88	<b>1.02</b>	-1.27	0.55	<b>0.99</b>	-1.20	0.76	<b>1.07</b>	-1.09	0.37

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups					Data units: g/cm <sup>3</sup>	
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	1.53	1.22	1.16	1.12	1.20	
<b>Median Abs Dev</b>	0.09	0.09	0.08	0.07	0.09	
<b>Avg Within Lab SD</b>	0.02	0.02	0.02	0.01	0.02	
<b>Labs Included</b>	11	11	11	11	11	
<b>Labs Reporting</b>	12	12	12	12	12	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>105.67</b>	0.00	0.40	<b>11.00</b>	0.95	0.99	<b>89.33</b>	-0.32	1.53	<b>5.33</b>	1.07	0.97	<b>29.67</b>	-0.99	2.16	
<b>4YJWBK</b>	<b>103.67</b>	-0.12	0.40	<b>6.67</b>	-0.47	0.57	<b>87.67</b>	-0.44	0.90	<b>1.97</b>	-0.73	0.26	<b>32.33</b>	-0.46	0.60	
<b>AG4E6F</b>	<b>134.00</b>	1.64	0.26	<b>6.00</b>	-0.69		<b>89.67</b>	-0.30	0.66	<b>1.00</b>	-1.25		<b>34.67</b>	0.00	0.60	
<b>CERGN4</b>	<b>80.00</b>	-1.49		<b>12.00</b>	1.28		<b>62.00</b>	-2.22		<b>5.00</b>	0.89		<b>25.00</b>	-1.92		
<b>HJY4EZ</b>	<b>122.33</b>	0.97	0.30	<b>12.00</b>	1.28	0.99	<b>98.67</b>	0.32	1.09	<b>4.67</b>	0.71	1.93	<b>36.00</b>	0.27	1.04	
<b>J4LX32</b>	<b>117.00</b>	0.66	1.82	<b>9.67</b>	0.51	1.51	<b>99.00</b>	0.35	1.57	<b>4.00</b>	0.36	1.68	<b>37.33</b>	0.53	1.20	
<b>NQFN7E</b>	<b>107.57</b>	0.11	0.13	<b>8.10</b>	0.00	0.10	<b>95.50</b>	0.10	0.22	<b>2.67</b>	-0.36	0.26	<b>30.67</b>	-0.80	0.60	
<b>PWJTWK</b>	<b>100.00</b>	-0.33	0.52	<b>9.67</b>	0.51	0.29	<b>76.33</b>	-1.23	1.25	<b>3.33</b>	0.00	0.48	<b>29.67</b>	-0.99	0.60	
<b>RQB4DV</b>	<b>119.33</b>	0.79	0.65	<b>6.07</b>	-0.67	0.41	<b>113.33</b>	1.34	0.66	<b>2.07</b>	-0.68	0.24	<b>37.47</b>	0.56	0.51	
<b>WM898M</b>	<b>98.00</b>	-0.44	2.33	<b>6.70</b>	-0.46	2.03	<b>94.00</b>	0.00	0.43	<b>3.73</b>	0.21	0.92	<b>35.33</b>	0.13	0.73	
<b>X8D3EJ</b>	<b>90.58</b>	-0.87	0.26	<b>6.31</b>	-0.59	0.25	<b>105.43</b>	0.79	0.71	<b>1.19</b>	-1.15	0.49	<b>38.51</b>	0.76	0.78	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	105.7			8.10			94.0			3.33			34.7			
<b>Median Abs Dev</b>	11.3			1.79			5.0			1.33			2.8			
<b>Avg Within Lab SD</b>	3.9			1.01			2.3			0.60			1.0			
<b>Labs Included</b>	11			11			11			11			11			
<b>Labs Reporting</b>	11			11			11			11			11			





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>120.3</b>	-0.7	0.8	<b>9.0</b>	-0.4	0.9	<b>91.0</b>	-0.8	0.9	<b>2.7</b>	0.3	0.2	<b>32.3</b>	-1.0	0.9	
<b>6RGYCF</b>	<b>128.3</b>	-0.3	0.1	<b>8.0</b>	-0.7		<b>94.7</b>	-0.6	0.1	<b>2.7</b>	0.3	0.5	<b>36.7</b>	-0.5	0.3	
<b>8FXGET</b>	<b>138.5</b>	0.1	3.2	<b>11.3</b>	0.3	1.6	<b>113.6</b>	0.6	4.0	<b>1.2</b>	-0.9	0.2	<b>50.9</b>	1.3	2.2	
<b>93PRHD</b>	<b>116.3</b>	-0.8	0.3	<b>12.7</b>	0.8	0.5	<b>79.7</b>	-1.6	0.8	<b>2.0</b>	-0.3		<b>39.7</b>	-0.1	0.3	
<b>9EGFA7</b>	<b>149.1</b>	0.5	0.2	<b>11.9</b>	0.5	0.7	<b>97.5</b>	-0.4	0.6	<b>2.7</b>	0.3	0.1	<b>37.6</b>	-0.4	0.9	
<b>9N87RR</b>	<b>117.7</b>	-0.8	0.9	<b>7.2</b>	-0.9	1.0	<b>116.3</b>	0.8	0.1	<b>2.3</b>	0.0	0.7	<b>33.0</b>	-1.0	0.6	
<b>9Q99HT</b>	<b>115.8</b>	-0.8	0.8	<b>8.1</b>	-0.6	1.4	<b>103.1</b>	-0.1	2.0	<b>5.5</b>	2.5	1.8	<b>48.1</b>	0.9	3.6	
<b>AJP7AQ</b>	<b>75.7</b>	-2.4	1.6	<b>15.9</b>	1.8	1.2	<b>63.3</b>	-2.6	0.9				<b>29.2</b>	-1.5	0.5	
<b>CERGN4</b>	<b>130.0</b>	-0.3		<b>16.0</b>	1.8		<b>86.0</b>	-1.2		<b>3.0</b>	0.5		<b>33.0</b>	-1.0		
<b>CL9R26</b>	<b>158.0</b>	0.8	1.0	<b>10.2</b>	0.0	0.2	<b>99.5</b>	-0.3	0.2	<b>2.3</b>	0.0	0.2	<b>39.8</b>	-0.1	0.2	
<b>DJDTZC</b>	<b>164.9</b>	1.1	0.4	<b>12.1</b>	0.6	1.5	<b>103.5</b>	0.0	0.5	<b>4.3</b>	1.6	1.1	<b>39.9</b>	-0.1	1.5	
<b>DRRH26</b>	<b>65.0</b>	-2.8	0.8	<b>11.0</b>	0.2	1.3	<b>68.0</b>	-2.3	0.3	<b>3.0</b>	0.5		<b>17.0</b>	-3.0	0.8	
<b>FLDNVY</b>	<b>158.0</b>	0.8	0.2	<b>7.3</b>	-0.9	0.3	<b>111.5</b>	0.5	0.4	<b>0.5</b>	-1.5		<b>36.7</b>	-0.5	0.2	
<b>FZYVW7</b>	<b>136.4</b>	0.0	1.4	<b>13.6</b>	1.1	0.4	<b>105.6</b>	0.1	1.5	<b>4.3</b>	1.6	0.2	<b>41.2</b>	0.1	0.3	
<b>H87JGH</b>	<b>120.3</b>	-0.7	0.1	<b>13.5</b>	1.0	1.8	<b>117.4</b>	0.8	1.0	<b>2.7</b>	0.3	0.9	<b>47.6</b>	0.9	0.8	
<b>HYFT33</b>	<b>138.0</b>	0.0		<b>12.2</b>	0.6		<b>104.4</b>	0.0		<b>6.0</b>	<b>2.9X</b>		<b>75.4</b>	<b>4.4X</b>		
<b>JHMF32</b>	<b>128.7</b>	-0.3	1.3	<b>8.7</b>	-0.5	0.5	<b>105.9</b>	0.1	1.2	<b>1.1</b>	-0.9	0.6	<b>47.8</b>	0.9	0.8	
<b>K8JPY6</b>	<b>163.9</b>	1.0	0.7	<b>10.3</b>	0.0	0.6	<b>107.6</b>	0.2	1.1	<b>1.6</b>	-0.6	0.5	<b>42.2</b>	0.2	0.8	
<b>MPDAKH</b>	<b>135.2</b>	-0.1	0.8	<b>10.2</b>	0.0	0.5	<b>90.4</b>	-0.9	0.1	<b>2.4</b>	0.0	0.3	<b>42.2</b>	0.2	0.7	
<b>MPRNWX</b>	<b>149.7</b>	0.5	0.4	<b>7.8</b>	-0.8	0.3	<b>109.3</b>	0.3	0.5	<b>0.9</b>	-1.2	0.1	<b>41.3</b>	0.1	1.5	
<b>MYEUMA</b>	<b>130.3</b>	-0.3	0.4	<b>9.0</b>	-0.4	0.2	<b>96.3</b>	-0.5	0.5	<b>1.0</b>	-1.0	0.1	<b>42.5</b>	0.2	0.3	
<b>N4RMJU</b>	<b>134.3</b>	-0.1	0.3	<b>14.7</b>	1.4	2.9	<b>123.3</b>	1.2	0.5	<b>3.7</b>	1.1	4.3	<b>45.3</b>	0.6	0.9	
<b>NJJU9F</b>	<b>152.7</b>	0.6	1.4	<b>7.6</b>	-0.8	0.1	<b>119.0</b>	0.9	0.2	<b>0.9</b>	-1.2	0.1	<b>44.7</b>	0.5	0.2	
<b>PAC832</b>	<b>154.5</b>	0.7	0.3	<b>7.1</b>	-1.0	0.1	<b>112.7</b>	0.5	0.2	<b>1.2</b>	-0.9	0.1	<b>42.1</b>	0.2	0.1	
<b>PVUG4Y</b>	<b>153.0</b>	0.6	0.3	<b>12.0</b>	0.5		<b>114.3</b>	0.6	0.1	<b>2.0</b>	-0.3		<b>48.0</b>	0.9		
<b>R732FQ</b>	<b>155.8</b>	0.7	0.5	<b>12.9</b>	0.8	0.1	<b>113.7</b>	0.6	0.4	<b>2.5</b>	0.2	0.1	<b>47.9</b>	0.9	0.2	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
VABCVP	89.6	-1.9	0.6	6.2	-1.2	0.4	90.9	-0.9	0.5				32.9	-1.0	0.4
VHHAFM	142.2	0.2	0.0	8.4	-0.6	0.0	104.3	0.0	0.1	1.1	-1.0	0.0	39.6	-0.1	0.1
WR4PP9	132.8	-0.2	2.2	12.5	0.7	1.6	108.4	0.3	0.1	2.3	0.0	0.7	59.1	2.3	0.8
X6BTWN	153.4	0.6	0.9	10.2	0.0	1.0	107.8	0.2	1.3	2.8	0.4	0.7	42.2	0.2	0.8
XEDFF9	55.3	-3.2X	0.2	7.6	-0.8	0.4	61.6	-2.7	0.4	1.9	-0.3	0.4	33.3	-0.9	0.4
Y9NZR2	149.7	0.5	0.4	9.7	-0.2	0.6	96.8	-0.5	0.4	3.1	0.6	0.2	35.8	-0.6	0.5
YDXA2J	163.5	1.0	1.0	7.7	-0.8	0.5	103.1	-0.1	0.2	2.0	-0.3	0.1	40.2	-0.1	0.3
YKW3Q4	151.2	0.5	0.4	12.5	0.7	1.0	104.0	0.0	0.2	3.4	0.9	0.3	39.3	-0.2	1.1
ZGX28M	132.0	-0.2	0.1	11.1	0.3	0.6	109.8	0.4	0.2	2.1	-0.2	0.1	44.8	0.5	0.2

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
Grand Median	137.2			10.2			104.3			2.32			40.7		
Median Abs Dev	15.6			2.2			8.0			0.68			4.1		
Avg Within Lab SD	5.4			1.1			4.3			1.07			1.7		
Labs Included	34			35			35			32			34		
Labs Reporting	35			35			35			33			35		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>84.0</b>	0.8	0.8	<b>38.7</b>	1.6	0.7	<b>1,219.3</b>	-0.2	1.1	<b>139.3</b>	0.1	0.7	<b>137.0</b>	0.0	1.1	
<b>3N7DDH</b>	<b>64.0</b>	-0.5	0.8	<b>23.7</b>	-1.0	0.5	<b>942.0</b>	-2.0	0.2	<b>117.7</b>	-1.0	0.6	<b>115.0</b>	-1.3	0.8	
<b>6RGYCF</b>	<b>93.3</b>	1.4	0.3	<b>34.3</b>	0.8	0.5	<b>1,250.3</b>	0.0	0.3	<b>168.7</b>	1.7	0.3	<b>137.0</b>	0.0	0.2	
<b>8FXGET</b>	<b>96.6</b>	1.6	3.8	<b>26.5</b>	-0.6	1.2	<b>1,413.1</b>	1.1	4.1	<b>181.8</b>	2.3	4.4	<b>191.2</b>	<b>3.3X</b>	6.6	
<b>93PRHD</b>	<b>62.0</b>	-0.6	0.8	<b>20.3</b>	-1.6	0.2	<b>1,520.0</b>	1.8	1.1	<b>102.7</b>	-1.8	0.9	<b>113.7</b>	-1.4	0.7	
<b>9EGFA7</b>	<b>65.8</b>	-0.4	0.2	<b>25.0</b>	-0.8	0.1	<b>1,183.4</b>	-0.4	0.3	<b>125.6</b>	-0.6	0.2	<b>108.8</b>	-1.7	0.3	
<b>9N87RR</b>	<b>59.7</b>	-0.7	0.6	<b>30.3</b>	0.1	0.5	<b>1,329.3</b>	0.5	1.1	<b>150.7</b>	0.7	0.6	<b>146.0</b>	0.6	1.6	
<b>9Q99HT</b>	<b>57.3</b>	-0.9	1.4	<b>22.5</b>	-1.2	3.3	<b>1,164.9</b>	-0.6	0.5	<b>136.9</b>	0.0	0.3	<b>130.0</b>	-0.4	1.6	
<b>AG4E6F</b>	<b>74.7</b>	0.2	0.2	<b>28.0</b>	-0.3	0.3	<b>1,112.3</b>	-0.9	0.3	<b>119.7</b>	-0.9	0.2	<b>123.3</b>	-0.8	0.1	
<b>CERGN4</b>	<b>74.0</b>	0.2		<b>29.0</b>	-0.1		<b>1,185.0</b>	-0.4		<b>133.0</b>	-0.2		<b>134.0</b>	-0.2		
<b>CL9R26</b>	<b>74.7</b>	0.2	0.4	<b>27.9</b>	-0.3	0.9	<b>1,237.0</b>	-0.1	0.4	<b>138.3</b>	0.1	0.4	<b>128.7</b>	-0.5	0.1	
<b>DJDTZC</b>	<b>75.4</b>	0.3	1.8	<b>39.0</b>	1.6	0.8	<b>1,175.0</b>	-0.5	0.5	<b>133.6</b>	-0.2	0.8	<b>126.7</b>	-0.6	1.0	
<b>DRRH26</b>	<b>54.0</b>	-1.1	0.4	<b>17.5</b>	-2.1	0.2	<b>1,305.5</b>	0.4	0.2	<b>122.0</b>	-0.8	0.4	<b>82.5</b>	<b>-3.3X</b>	0.5	
<b>FLDNVY</b>	<b>81.8</b>	0.7	0.2	<b>32.2</b>	0.4	0.4	<b>1,279.3</b>	0.2	0.9	<b>146.2</b>	0.5	0.9	<b>137.7</b>	0.1	0.8	
<b>FZYVW7</b>	<b>72.0</b>	0.0	1.4	<b>28.4</b>	-0.2	1.8	<b>1,328.5</b>	0.5	0.9	<b>137.5</b>	0.0	1.0	<b>141.6</b>	0.3	1.7	
<b>H87JGH</b>	<b>52.7</b>	-1.2	0.1	<b>25.1</b>	-0.8	0.1	<b>1,226.9</b>	-0.2	0.0	<b>130.0</b>	-0.4	0.1	<b>123.6</b>	-0.8	1.8	
<b>HJY4EZ</b>	<b>98.0</b>	1.7	0.3	<b>50.0</b>	<b>3.6X</b>	0.3	<b>300.0</b>	<b>-6.2X</b>		<b>195.3</b>	<b>3.1X</b>	0.8	<b>142.0</b>	0.3	0.6	
<b>HYFT33</b>	<b>70.7</b>	0.0		<b>30.0</b>	0.0		<b>1,129.2</b>	-0.8		<b>127.7</b>	-0.5		<b>152.2</b>	0.9		
<b>J4LX32</b>	<b>91.0</b>	1.3	1.1	<b>41.0</b>	2.0	3.9	<b>1,300.0</b>	0.3		<b>145.7</b>	0.4	1.8	<b>142.7</b>	0.4	1.6	
<b>JHMF32</b>	<b>59.6</b>	-0.7	0.2	<b>31.6</b>	0.3	0.9	<b>1,079.6</b>	-1.1	0.2	<b>160.7</b>	1.2	1.0	<b>154.1</b>	1.1	0.2	
<b>K8JPY6</b>	<b>78.8</b>	0.5	0.9	<b>30.8</b>	0.2	0.3	<b>1,296.6</b>	0.3	1.0	<b>142.8</b>	0.3	0.7	<b>139.7</b>	0.2	0.4	
<b>MPDAKH</b>	<b>74.7</b>	0.2	0.8	<b>28.9</b>	-0.1	0.2	<b>1,097.4</b>	-1.0	0.3	<b>127.0</b>	-0.5	0.5	<b>132.1</b>	-0.3	0.2	
<b>MPRNWX</b>	<b>74.8</b>	0.2	0.1	<b>30.6</b>	0.2	0.1	<b>1,307.3</b>	0.4	0.1	<b>134.7</b>	-0.1	0.2	<b>132.0</b>	-0.3	0.5	
<b>MYEUMA</b>	<b>71.9</b>	0.0	0.9	<b>30.7</b>	0.2	0.3	<b>1,103.3</b>	-1.0	0.7	<b>124.3</b>	-0.7	0.7	<b>122.7</b>	-0.9	0.4	
<b>N4RMJU</b>	<b>48.3</b>	-1.5	0.2	<b>22.7</b>	-1.2	0.9	<b>1,216.7</b>	-0.2	0.5	<b>129.0</b>	-0.4	0.8	<b>111.0</b>	-1.6	0.2	
<b>NJJU9F</b>	<b>80.5</b>	0.6	1.4	<b>31.2</b>	0.3	0.3	<b>1,429.4</b>	1.2	0.5	<b>147.5</b>	0.5	1.1	<b>151.4</b>	0.9	0.5	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NQFN7E</b>	<b>56.1</b>	-1.0	0.3	<b>21.9</b>	-1.4	0.1	<b>1,271.0</b>	0.1	0.4	<b>121.2</b>	-0.8	0.1	<b>115.0</b>	-1.3	0.2	
<b>PAC832</b>	<b>85.9</b>	0.9	0.6	<b>33.5</b>	0.7	0.1	<b>1,343.0</b>	0.6	0.4	<b>153.9</b>	0.9	0.1	<b>149.8</b>	0.8	0.3	
<b>PVUG4Y</b>	<b>79.3</b>	0.5	0.2	<b>28.7</b>	-0.2	0.4	<b>1,296.3</b>	0.3	0.2	<b>147.7</b>	0.6	0.1	<b>153.3</b>	1.0	0.3	
<b>PWJTC</b>	<b>70.7</b>	0.0	0.7	<b>27.7</b>	-0.3	0.2	<b>1,190.0</b>	-0.4	0.2	<b>139.3</b>	0.1	1.1	<b>124.0</b>	-0.8	0.5	
<b>R732FQ</b>	<b>69.7</b>	-0.1	0.3	<b>32.1</b>	0.4	0.3	<b>1,286.7</b>	0.2	0.4	<b>132.5</b>	-0.2	0.4	<b>125.5</b>	-0.7	0.4	
<b>VABCVP</b>	<b>38.7</b>	-2.1	0.4	<b>24.5</b>	-0.9	0.5	<b>1,535.7</b>	1.9	1.2	<b>113.2</b>	-1.3	0.2	<b>136.5</b>	0.0	1.3	
<b>VHHAFM</b>	<b>68.4</b>	-0.2	0.1	<b>32.3</b>	0.5	0.1	<b>1,054.3</b>	-1.3	0.1	<b>154.0</b>	0.9	0.3	<b>142.3</b>	0.3	0.5	
<b>WR4PP9</b>	<b>78.2</b>	0.4	2.1	<b>29.7</b>	0.0	0.3	<b>1,363.0</b>	0.7	2.4	<b>137.1</b>	0.0	1.7	<b>145.2</b>	0.5	2.7	
<b>X8D3EJ</b>	<b>54.4</b>	-1.1	0.5	<b>25.3</b>	-0.8	0.2	<b>1,108.1</b>	-0.9	0.8	<b>146.1</b>	0.5	0.4	<b>138.6</b>	0.1	0.9	
<b>XEDFF9</b>	<b>58.4</b>	-0.8	0.3	<b>34.0</b>	0.7	0.1	<b>1,605.4</b>	2.3	0.9	<b>171.2</b>	1.8	0.5	<b>164.6</b>	1.7	0.6	
<b>Y9NZR2</b>	<b>68.3</b>	-0.2	0.9	<b>25.3</b>	-0.8	0.4	<b>1,169.2</b>	-0.5	0.5	<b>122.5</b>	-0.8	0.4	<b>119.7</b>	-1.0	0.8	
<b>YDXA2J</b>	<b>94.3</b>	1.5	0.8	<b>32.8</b>	0.5	0.3	<b>1,230.0</b>	-0.1	0.7	<b>165.4</b>	1.5	0.4	<b>155.3</b>	1.1	2.2	
<b>YKW3Q4</b>	<b>68.1</b>	-0.2	0.5	<b>30.1</b>	0.1	0.1	<b>1,309.0</b>	0.4	0.7	<b>129.5</b>	-0.4	0.4	<b>130.4</b>	-0.4	0.5	
<b>ZGX28M</b>	<b>62.0</b>	-0.6	0.3	<b>34.4</b>	0.8	0.3	<b>1,341.8</b>	0.6	0.1	<b>147.4</b>	0.5	0.3	<b>138.8</b>	0.1	0.3	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	71.3			29.7			1,250.3			137.1			136.8			
<b>Median Abs Dev</b>	9.2			3.1			78.1			10.3			9.7			
<b>Avg Within Lab SD</b>	3.4			2.9			46.9			7.1			4.3			
<b>Labs Included</b>	40			39			39			39			38			
<b>Labs Reporting</b>	40			40			40			40			40			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>466.6</b>	0.6	0.8	<b>226.8</b>	1.8	1.4	<b>4,555.7</b>	-1.1	0.3	<b>980.7</b>	0.9	1.6	<b>2,946.7</b>	-0.7	0.7	
<b>3N7DDH</b>	<b>388.3</b>	-0.2	0.2	<b>119.7</b>	-0.2	0.2	<b>5,256.0</b>	0.5	0.4	<b>814.7</b>	-0.4	0.1	<b>3,250.0</b>	0.2	0.5	
<b>6RGYCF</b>	<b>549.0</b>	1.5	0.1	<b>171.3</b>	0.8	0.1	<b>5,088.7</b>	0.1	0.1	<b>1,060.3</b>	1.5	0.1	<b>3,266.3</b>	0.2	0.1	
<b>8FXGET</b>	<b>444.5</b>	0.4	2.2	<b>126.3</b>	0.0	0.5	<b>5,487.6</b>	1.1	4.2	<b>873.8</b>	0.1	2.8	<b>3,437.0</b>	0.7	4.3	
<b>93PRHD</b>	<b>406.0</b>	0.0	0.1	<b>102.3</b>	-0.5	0.3	<b>4,733.3</b>	-0.7	0.4	<b>728.3</b>	-1.0	0.7	<b>2,833.3</b>	-1.0	0.4	
<b>9EGFA7</b>	<b>376.5</b>	-0.3	0.1	<b>198.7</b>	1.3	0.2	<b>4,989.1</b>	-0.1	0.5	<b>857.4</b>	-0.1	0.2	<b>3,180.8</b>	0.0	0.3	
<b>9N87RR</b>	<b>327.0</b>	-0.8	0.8	<b>120.0</b>	-0.2	0.3	<b>4,879.7</b>	-0.4	0.6	<b>948.7</b>	0.6	1.0	<b>3,151.0</b>	-0.1	1.1	
<b>9Q99HT</b>	<b>359.1</b>	-0.5	2.8	<b>73.0</b>	-1.0	3.8	<b>4,925.0</b>	-0.3	1.0	<b>951.8</b>	0.6	1.3	<b>3,226.4</b>	0.1	1.1	
<b>CERGN4</b>	<b>480.2</b>	0.8	0.0	<b>133.7</b>	0.1	0.0	<b>5,123.3</b>	0.2		<b>757.4</b>	-0.8	0.0	<b>3,227.4</b>	0.1	0.0	
<b>CL9R26</b>	<b>464.0</b>	0.6	0.3	<b>114.0</b>	-0.3	0.7	<b>4,973.0</b>	-0.1	0.5	<b>866.0</b>	0.0	0.6	<b>3,108.7</b>	-0.2	0.3	
<b>DJDTZC</b>	<b>376.6</b>	-0.3	0.3	<b>891.4</b>	14.0X	1.4	<b>4,260.1</b>	-1.8	0.8	<b>1,278.8</b>	3.1	3.6	<b>2,291.8</b>	-2.6	0.6	
<b>DRRH26</b>	<b>279.0</b>	-1.3	0.1	<b>80.0</b>	-0.9	0.1	<b>4,456.0</b>	-1.4	0.0	<b>740.0</b>	-1.0	0.1	<b>1,871.0</b>	-3.8	0.0	
<b>FLDNVY</b>	<b>457.3</b>	0.5	0.1	<b>129.3</b>	0.0	0.4	<b>5,382.4</b>	0.8	0.3	<b>923.7</b>	0.4	0.1	<b>3,197.5</b>	0.0	0.2	
<b>FZYVW7</b>	<b>423.3</b>	0.2	0.6	<b>179.5</b>	0.9	1.6	<b>5,214.1</b>	0.4	1.6	<b>897.8</b>	0.2	0.4	<b>3,193.6</b>	0.0	0.4	
<b>H87JGH</b>	<b>325.9</b>	-0.9	0.2	<b>89.5</b>	-0.7	0.0	<b>5,358.4</b>	0.8	0.6	<b>921.3</b>	0.4	0.3	<b>3,285.6</b>	0.3	1.4	
<b>HYFT33</b>	<b>409.0</b>	0.0		<b>162.0</b>	0.6		<b>4,893.8</b>	-0.3		<b>814.6</b>	-0.4		<b>2,882.7</b>	-0.9		
<b>J4LX32</b>	<b>468.3</b>	0.6	1.9	<b>300.0</b>	3.1		<b>6,500.0</b>	3.4		<b>591.7</b>	-2.1	1.3	<b>3,050.0</b>	-0.4	1.4	
<b>JHMF32</b>	<b>332.8</b>	-0.8	0.1	<b>125.0</b>	-0.1	0.5	<b>5,025.0</b>	0.0	0.3	<b>858.3</b>	-0.1	0.0	<b>858.3</b>	-6.7X	0.0	
<b>K8JPY6</b>	<b>549.0</b>	1.5	2.4	<b>254.3</b>	2.3	3.0	<b>4,988.1</b>	-0.1	1.0	<b>1,095.9</b>	1.7	1.4	<b>3,331.4</b>	0.4	0.7	
<b>MPDAKH</b>	<b>430.4</b>	0.2	0.1	<b>125.7</b>	-0.1	0.1	<b>5,000.3</b>	-0.1	0.2	<b>841.4</b>	-0.2	0.1	<b>3,170.1</b>	0.0	0.1	
<b>MPRNWX</b>	<b>434.3</b>	0.3	0.0	<b>151.7</b>	0.4	0.1	<b>4,914.3</b>	-0.3	0.0	<b>802.7</b>	-0.5	0.1	<b>2,977.3</b>	-0.6	0.0	
<b>N4RMJU</b>	<b>484.3</b>	0.8	2.7	<b>1,175.3</b>	19.2X	19.0	<b>5,036.7</b>	0.0	0.4	<b>1,506.7</b>	4.8X	1.9	<b>2,933.3</b>	-0.7	0.4	
<b>NJJU9F</b>	<b>404.3</b>	0.0	0.7	<b>89.8</b>	-0.7	0.1	<b>5,445.1</b>	1.0	0.3	<b>885.1</b>	0.1	0.7	<b>3,358.8</b>	0.5	0.3	
<b>NQFN7E</b>	<b>392.7</b>	-0.2	0.1	<b>128.5</b>	0.0	0.0	<b>5,838.7</b>	1.9	0.0	<b>812.2</b>	-0.4	0.0	<b>3,212.3</b>	0.1	0.0	
<b>PAC832</b>	<b>506.6</b>	1.0	0.1	<b>152.6</b>	0.4	0.1	<b>4,831.7</b>	-0.5	0.4	<b>1,012.8</b>	1.1	0.3	<b>3,459.7</b>	0.8	0.2	
<b>PVUG4Y</b>	<b>496.3</b>	0.9	0.0	<b>118.7</b>	-0.2	0.1	<b>5,430.3</b>	0.9	0.1	<b>1,051.7</b>	1.4	0.1	<b>4,014.7</b>	2.4	0.7	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>PWJTC</b>	<b>434.0</b>	0.3	0.5	<b>157.7</b>	0.5	0.6	<b>5,138.3</b>	0.2	0.4	<b>906.3</b>	0.3	0.3	<b>2,996.3</b>	-0.5	0.3	
<b>R732FQ</b>	<b>399.6</b>	-0.1	0.3	<b>144.6</b>	0.3	0.3	<b>5,346.8</b>	0.7	0.5	<b>824.7</b>	-0.3	0.2	<b>3,158.5</b>	-0.1	0.1	
<b>VABCVP</b>	<b>209.4</b>	-2.1	0.6	<b>79.6</b>	-0.9	0.7	<b>4,764.5</b>	-0.6	0.9	<b>691.5</b>	-1.3	0.2	<b>2,614.5</b>	-1.6	0.6	
<b>WR4PP9</b>	<b>430.1</b>	0.2	1.5	<b>117.7</b>	-0.2	0.7	<b>5,970.0</b>	2.2	2.1	<b>853.4</b>	-0.1	1.1	<b>3,537.3</b>	1.0	2.1	
<b>X8D3EJ</b>	<b>205.3</b>	-2.1	0.1	<b>75.1</b>	-1.0	0.5	<b>5,219.9</b>	0.4	0.4	<b>890.2</b>	0.2	1.1	<b>3,128.9</b>	-0.2	0.4	
<b>XEDFF9</b>	<b>235.6</b>	-1.8	0.1	<b>119.3</b>	-0.2	0.8	<b>8,124.6</b>	7.2X	0.5	<b>745.7</b>	-0.9	0.4	<b>3,775.9</b>	1.7	0.5	
<b>Y9NZR2</b>	<b>384.7</b>	-0.2	0.3	<b>203.1</b>	1.4	0.1	<b>5,035.4</b>	0.0	0.3	<b>875.4</b>	0.1	0.1	<b>3,183.8</b>	0.0	0.3	
<b>YDXA2J</b>	<b>507.5</b>	1.0	0.1	<b>150.2</b>	0.4	0.2	<b>4,810.5</b>	-0.5	0.8	<b>1,023.3</b>	1.2	0.4	<b>3,459.7</b>	0.8	0.2	
<b>YKW3Q4</b>	<b>388.7</b>	-0.2	0.1	<b>204.9</b>	1.4	0.0	<b>5,268.4</b>	0.5	0.1	<b>866.7</b>	0.0	0.2	<b>3,260.9</b>	0.2	0.9	
<b>ZGX28M</b>	<b>321.6</b>	-0.9	0.1	<b>134.2</b>	0.1	0.1	<b>5,031.4</b>	0.0	0.6	<b>836.7</b>	-0.2	0.2	<b>3,020.9</b>	-0.5	0.5	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg	
	SRS1706		SRS1707		SRS1708	SRS1709	SRS1710
<b>Grand Median</b>	407.5		128.9		5,035.4	866.7	3,183.8
<b>Median Abs Dev</b>	53.2		25.1		203.7	54.6	147.6
<b>Avg Within Lab SD</b>	32.6		19.0		157.1	61.1	153.3
<b>Labs Included</b>	36		34		35	35	35
<b>Labs Reporting</b>	36		36		36	36	36



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>97.9</b>	0.8	0.9	<b>30.8</b>	1.1	0.5	<b>1,592.7</b>	-0.9	0.1	<b>283.7</b>	-0.2	0.5	<b>605.3</b>	-0.2	0.9	
<b>3N7DDH</b>	<b>82.7</b>	-0.1	0.3	<b>22.0</b>	0.0	0.3	<b>1,612.0</b>	-0.8	0.4	<b>264.3</b>	-0.8	0.1	<b>589.3</b>	-0.5	0.3	
<b>6RGYCF</b>	<b>105.3</b>	1.3	0.4	<b>25.3</b>	0.4	0.2	<b>1,856.3</b>	0.2	0.2	<b>345.3</b>	1.8	0.5	<b>625.7</b>	0.1	0.4	
<b>8FXGET</b>	<b>93.6</b>	0.6	1.7	<b>20.9</b>	-0.1	0.8	<b>2,059.1</b>	1.1	2.4	<b>344.2</b>	1.7	2.7	<b>690.7</b>	1.1	3.0	
<b>93PRHD</b>	<b>76.0</b>	-0.5	0.9	<b>15.7</b>	-0.8	0.2	<b>1,418.7</b>	-1.7	1.1	<b>236.7</b>	-1.7	0.4	<b>476.7</b>	-2.2	0.6	
<b>9EGFA7</b>	<b>78.9</b>	-0.3	0.4	<b>12.2</b>	-1.3	0.3	<b>1,841.4</b>	0.2	0.0	<b>266.1</b>	-0.8	0.1	<b>659.8</b>	0.6	0.2	
<b>9N87RR</b>	<b>67.7</b>	-1.0	0.1	<b>22.0</b>	0.0	0.6	<b>1,841.0</b>	0.2	0.2	<b>308.0</b>	0.6	0.5	<b>627.0</b>	0.1	0.6	
<b>9Q99HT</b>	<b>69.1</b>	-0.9	2.2	<b>9.7</b>	-1.6	3.8	<b>1,550.4</b>	-1.1	0.4	<b>291.7</b>	0.1	0.7	<b>595.0</b>	-0.4	0.6	
<b>CERGN4</b>	<b>84.2</b>	0.0	0.0	<b>24.8</b>	0.4	0.0	<b>1,331.5</b>	-2.1		<b>227.7</b>	-2.0	0.0	<b>584.1</b>	-0.6	0.0	
<b>CL9R26</b>	<b>99.7</b>	1.0	0.4	<b>25.4</b>	0.4	0.2	<b>1,794.7</b>	0.0	0.1	<b>301.0</b>	0.3	0.3	<b>608.0</b>	-0.2	0.2	
<b>DJDTZC</b>	<b>94.2</b>	0.6	0.5	<b>32.1</b>	1.3	1.2	<b>1,536.3</b>	-1.2	0.2	<b>297.1</b>	0.2	2.1	<b>544.8</b>	-1.2	0.4	
<b>DRRH26</b>	<b>61.5</b>	-1.4	0.3	<b>13.0</b>	-1.1	0.5	<b>1,579.0</b>	-1.0	0.1	<b>250.0</b>	-1.3	0.2	<b>354.5</b>	-4.1X	0.2	
<b>FLDNVY</b>	<b>93.5</b>	0.6	0.1	<b>19.3</b>	-0.3	0.3	<b>1,863.2</b>	0.3	0.2	<b>303.2</b>	0.4	0.2	<b>620.7</b>	0.0	0.2	
<b>FZYVW7</b>	<b>88.2</b>	0.3	0.6	<b>33.7</b>	1.5	2.5	<b>1,814.8</b>	0.1	0.9	<b>298.2</b>	0.3	0.1	<b>627.0</b>	0.1	0.8	
<b>H87JGH</b>	<b>65.0</b>	-1.2	0.1	<b>13.5</b>	-1.1	0.1	<b>1,715.9</b>	-0.4	0.2	<b>293.6</b>	0.1	0.1	<b>625.7</b>	0.1	1.8	
<b>HYFT33</b>	<b>87.2</b>	0.2		<b>24.4</b>	0.3		<b>1,699.4</b>	-0.4		<b>279.8</b>	-0.3		<b>602.0</b>	-0.3		
<b>J4LX32</b>	<b>73.3</b>	-0.7	0.4	<b>18.3</b>	-0.5	1.0	<b>1,200.0</b>	-2.6		<b>250.0</b>	-1.3	1.3	<b>750.0</b>	2.0	1.9	
<b>JHMF32</b>	<b>68.7</b>	-0.9	0.2	<b>15.7</b>	-0.8	0.5	<b>1,774.7</b>	-0.1	0.9	<b>271.3</b>	-0.6	0.3	<b>585.0</b>	-0.6	0.1	
<b>K8JPY6</b>	<b>101.2</b>	1.0	0.5	<b>32.3</b>	1.3	1.0	<b>1,738.9</b>	-0.3	0.4	<b>291.7</b>	0.1	0.5	<b>640.5</b>	0.3	0.6	
<b>MPDAKH</b>	<b>89.9</b>	0.4	0.2	<b>28.0</b>	0.8	0.3	<b>1,630.2</b>	-0.8	0.0	<b>261.5</b>	-0.9	0.1	<b>551.5</b>	-1.1	0.2	
<b>MPRNWX</b>	<b>85.8</b>	0.1	0.0	<b>22.7</b>	0.1	0.5	<b>1,740.3</b>	-0.3	0.0	<b>260.0</b>	-1.0	0.2	<b>567.7</b>	-0.8	0.1	
<b>N4RMJU</b>	<b>73.3</b>	-0.7	0.8	<b>20.3</b>	-0.2	1.3	<b>1,726.7</b>	-0.3	0.2	<b>290.3</b>	0.0	0.5	<b>585.3</b>	-0.6	0.3	
<b>NJJU9F</b>	<b>86.6</b>	0.1	0.7	<b>14.7</b>	-0.9	0.1	<b>1,906.6</b>	0.5	0.2	<b>301.9</b>	0.4	1.0	<b>665.0</b>	0.7	0.3	
<b>NQFN7E</b>	<b>85.7</b>	0.1	0.3	<b>26.3</b>	0.5	0.1	<b>2,291.7</b>	2.1	0.1	<b>275.3</b>	-0.5	0.1	<b>712.3</b>	1.4	0.1	
<b>PAC832</b>	<b>74.9</b>	-0.6	3.9	<b>21.8</b>	0.0	0.1	<b>1,818.7</b>	0.1	0.2	<b>305.8</b>	0.5	0.4	<b>642.0</b>	0.3	0.6	
<b>PVUG4Y</b>	<b>93.7</b>	0.6	0.2	<b>19.7</b>	-0.3	0.4	<b>1,810.7</b>	0.0	0.0	<b>330.0</b>	1.3	0.1	<b>717.0</b>	1.5	0.2	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>PWJTW</b>	<b>74.0</b>	-0.6	0.4	<b>22.7</b>	0.1	0.5	<b>1,645.0</b>	-0.7	0.2	<b>270.3</b>	-0.6	0.4	<b>535.7</b>	-1.3	0.4
<b>R732FQ</b>	<b>93.9</b>	0.6	0.5	<b>32.4</b>	1.3	0.6	<b>1,903.7</b>	0.4	0.2	<b>284.2</b>	-0.2	0.4	<b>625.0</b>	0.1	0.3
<b>VABCVP</b>	<b>50.4</b>	-2.1	0.3	<b>19.3</b>	-0.3	1.5	<b>1,833.3</b>	0.1	0.1	<b>266.2</b>	-0.8	0.5	<b>579.1</b>	-0.6	1.0
<b>WR4PP9</b>	<b>91.8</b>	0.5	1.6	<b>21.3</b>	-0.1	1.3	<b>2,157.7</b>	1.5	4.7	<b>286.2</b>	-0.1	2.1	<b>694.8</b>	1.2	3.4
<b>X8D3EJ</b>	<b>40.3</b>	-2.7X	1.2	<b>27.6</b>	0.7	1.2	<b>1,946.7</b>	0.6	0.7	<b>318.9</b>	0.9	3.5	<b>573.9</b>	-0.7	0.4
<b>XEDFF9</b>	<b>68.7</b>	-0.9	0.3	<b>23.6</b>	0.2	0.2	<b>2,061.7</b>	1.1	0.5	<b>302.5</b>	0.4	0.3	<b>618.1</b>	0.0	0.2
<b>Y9NZR2</b>	<b>73.5</b>	-0.6	0.9	<b>14.3</b>	-1.0	0.5	<b>1,876.8</b>	0.3	0.4	<b>272.4</b>	-0.6	0.4	<b>652.1</b>	0.5	0.6
<b>YDXA2J</b>	<b>111.0</b>	1.6	1.1	<b>32.3</b>	1.3	0.0	<b>1,845.0</b>	0.2	0.7	<b>341.3</b>	1.6	0.0	<b>704.3</b>	1.3	0.6
<b>YKW3Q4</b>	<b>82.7</b>	-0.1	1.1	<b>11.9</b>	-1.3	0.3	<b>1,870.5</b>	0.3	0.4	<b>289.8</b>	0.0	0.2	<b>659.7</b>	0.6	0.1
<b>ZGX28M</b>	<b>72.5</b>	-0.7	0.1	<b>27.3</b>	0.7	0.1	<b>1,734.4</b>	-0.3	0.1	<b>295.0</b>	0.2	0.1	<b>600.9</b>	-0.3	0.4

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	84.2			22.0			1,802.7			290.1			620.7		
<b>Median Abs Dev</b>	10.1			4.8			93.9			16.7			35.7		
<b>Avg Within Lab SD</b>	7.0			2.9			121.3			15.5			27.1		
<b>Labs Included</b>	35			36			36			36			35		
<b>Labs Reporting</b>	36			36			36			36			36		





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>3GMUC4</b>	<b>12.5</b>	0.5	0.3	<b>14.8</b>	0.3	0.5	<b>209.4</b>	0.0	0.4	<b>61.7</b>	0.0	0.3	<b>10.3</b>	0.0	0.9		
<b>3N7DDH</b>	<b>12.3</b>	0.5	0.4	<b>11.7</b>	-0.2	0.2	<b>109.0</b>	-2.2	0.1	<b>32.3</b>	-1.9	0.3	<b>13.3</b>	0.5	0.2		
<b>93PRHD</b>	<b>5.0</b>	-0.7	0.3	<b>8.0</b>	-0.8	0.3	<b>180.0</b>	-0.7	1.3	<b>46.7</b>	-1.0	0.6	<b>5.0</b>	-0.9	0.4		
<b>9EGFA7</b>	<b>8.1</b>	-0.2	0.2	<b>15.5</b>	0.4	0.6	<b>206.8</b>	-0.1	0.1	<b>62.0</b>	0.0	0.2	<b>10.1</b>	0.0	0.3		
<b>9N87RR</b>	<b>10.5</b>	0.2	0.3	<b>16.9</b>	0.6	0.4	<b>233.0</b>	0.5	0.5	<b>75.0</b>	0.9	0.7	<b>13.9</b>	0.6	0.5		
<b>9Q99HT</b>	<b>18.3</b>	1.4	2.2	<b>28.0</b>	2.3	2.1	<b>216.9</b>	0.1	0.8	<b>71.8</b>	0.7	0.8	<b>13.1</b>	0.4	0.9		
<b>CERGN4</b>	<b>8.2</b>	-0.2	0.0	<b>11.8</b>	-0.2	0.0	<b>213.1</b>	0.1	0.0	<b>45.0</b>	-1.1		<b>10.2</b>	0.0	0.0		
<b>CL9R26</b>	<b>6.1</b>	-0.5	0.1	<b>9.2</b>	-0.6	0.4	<b>212.0</b>	0.0	0.1	<b>58.9</b>	-0.2	0.2	<b>6.0</b>	-0.7	0.2		
<b>DJDTZC</b>	<b>9.0</b>	-0.1	0.0	<b>13.0</b>	0.0	0.3	<b>132.4</b>	-1.7	0.1	<b>45.2</b>	-1.1	0.4	<b>11.1</b>	0.1	0.6		
<b>DRRH26</b>	<b>3.5</b>	-1.0	0.2	<b>7.0</b>	-1.0	0.4	<b>182.5</b>	-0.6	0.1	<b>59.0</b>	-0.2	0.5	<b>5.5</b>	-0.8	0.3		
<b>H87JGH</b>	<b>1.1</b>	-1.4	0.1	<b>8.4</b>	-0.7	0.3	<b>277.8</b>	1.4	0.6	<b>86.8</b>	1.7	0.3	<b>17.6</b>	1.1	0.3		
<b>HYFT33</b>	<b>9.3</b>	0.0		<b>10.9</b>	-0.4		<b>208.6</b>	0.0		<b>59.5</b>	-0.1		<b>20.5</b>	1.6			
<b>K8JPY6</b>	<b>14.5</b>	0.8	1.3	<b>13.2</b>	0.0	0.1	<b>167.3</b>	-0.9	0.7	<b>51.3</b>	-0.7	0.7	<b>10.5</b>	0.0	0.7		
<b>MPDAKH</b>	<b>17.0</b>	1.2	0.8	<b>15.8</b>	0.4	1.6	<b>120.6</b>	-1.9	1.0	<b>40.2</b>	-1.4	1.0	<b>8.0</b>	-0.4	0.7		
<b>N4RMJU</b>	<b>6.0</b>	-0.6		<b>10.7</b>	-0.4	0.2	<b>205.3</b>	-0.1	0.2	<b>58.7</b>	-0.2	0.1	<b>6.7</b>	-0.6	0.2		
<b>NJJU9F</b>	<b>2.8</b>	-1.1	0.0	<b>6.4</b>	-1.1	0.1	<b>237.7</b>	0.6	0.3	<b>61.3</b>	0.0	0.6	<b>3.9</b>	-1.0	0.0		
<b>PVUG4Y</b>	<b>16.7</b>	1.2	0.2	<b>18.7</b>	0.9	0.2	<b>234.0</b>	0.5	0.1	<b>74.3</b>	0.8	0.6	<b>18.0</b>	1.2	0.4		
<b>R732FQ</b>	<b>18.3</b>	1.4	1.1	<b>22.9</b>	1.5	0.9	<b>224.0</b>	0.3	0.2	<b>64.9</b>	0.2	0.7	<b>16.8</b>	1.0	0.6		
<b>VABCVP</b>	<b>2.0</b>	-1.2	0.5	<b>6.9</b>	-1.0	0.5	<b>269.3</b>	1.3	0.3	<b>49.2</b>	-0.8	0.5	<b>6.0</b>	-0.7	0.8		
<b>WR4PP9</b>	<b>16.5</b>	1.1	3.5	<b>22.5</b>	1.5	3.4	<b>286.4</b>	1.6	4.2	<b>86.3</b>	1.6	4.1	<b>17.1</b>	1.1	4.1		
<b>XEDFF9</b>	<b>11.8</b>	0.4	0.3	<b>17.9</b>	0.8	0.2	<b>250.0</b>	0.8	0.4	<b>72.2</b>	0.7	0.0	<b>18.4</b>	1.3	0.8		
<b>Y9NZR2</b>	<b>9.6</b>	0.0	0.2	<b>9.8</b>	-0.5	0.7	<b>198.7</b>	-0.3	0.5	<b>63.9</b>	0.2	0.1	<b>10.2</b>	0.0	0.1		
<b>YKW3Q4</b>	<b>8.3</b>	-0.2	0.2	<b>13.6</b>	0.1	0.9	<b>204.7</b>	-0.1	0.2	<b>64.9</b>	0.2	0.1	<b>10.0</b>	-0.1	0.2		
<b>ZGX28M</b>	<b>11.9</b>	0.4	0.4	<b>16.8</b>	0.6	0.1	<b>226.6</b>	0.3	0.2	<b>69.2</b>	0.5	0.1	<b>23.6</b>	2.1	0.3		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	9.46	13.1	210.7	61.5	10.4	
<b>Median Abs Dev</b>	3.42	3.7	22.8	10.2	4.1	
<b>Avg Within Lab SD</b>	3.21	3.7	15.7	5.3	2.5	
<b>Labs Included</b>	24	24	24	24	24	
<b>Labs Reporting</b>	24	24	24	24	24	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3N7DDH</b>	<b>10.0</b>	-0.9	0.6	<b>26.3</b>	-1.5	0.4	<b>239.0</b>	-2.2	0.3	<b>24.7</b>	-2.2	0.1	<b>11.0</b>	-0.1	0.9
<b>8FXGET</b>	<b>14.8</b>	0.4	0.9	<b>45.6</b>	0.3	1.8	<b>549.0</b>	1.2	3.8	<b>46.9</b>	0.1	1.3	<b>12.3</b>	0.1	1.4
<b>93PRHD</b>	<b>13.3</b>	0.0	0.8	<b>42.0</b>	-0.1	0.4	<b>388.3</b>	-0.6	0.8	<b>40.3</b>	-0.6	0.6	<b>10.7</b>	-0.1	0.5
<b>9EGFA7</b>	<b>12.0</b>	-0.3	0.4	<b>57.5</b>	1.4	0.5	<b>430.2</b>	-0.1	0.4	<b>50.9</b>	0.5	0.9	<b>11.4</b>	0.0	1.0
<b>9N87RR</b>	<b>13.8</b>	0.1	0.1	<b>43.0</b>	0.0	0.7	<b>489.0</b>	0.5	1.5	<b>53.0</b>	0.7		<b>14.9</b>	0.5	1.0
<b>9Q99HT</b>	<b>22.7</b>	2.6	0.3	<b>52.6</b>	0.9	1.7	<b>426.7</b>	-0.2	0.8	<b>51.7</b>	0.6	0.5	<b>38.7</b>	4.3	2.7
<b>CERGN4</b>	<b>13.3</b>	0.0	0.0	<b>56.6</b>	1.3	0.0	<b>402.0</b>	-0.4		<b>38.3</b>	-0.8	0.0	<b>9.5</b>	-0.3	
<b>CL9R26</b>	<b>14.4</b>	0.3	0.2	<b>44.4</b>	0.2	0.2	<b>465.0</b>	0.3	0.4	<b>49.8</b>	0.4	0.2	<b>8.7</b>	-0.4	0.2
<b>DJDTZC</b>	<b>23.5</b>	2.8	3.6	<b>48.2</b>	0.5	3.3	<b>437.5</b>	0.0	0.4	<b>53.8</b>	0.8	2.2	<b>3.0</b>	-1.3	1.5
<b>DRRH26</b>	<b>8.3</b>	-1.4	0.1	<b>29.4</b>	-1.2	0.4	<b>408.5</b>	-0.4	0.4	<b>31.0</b>	-1.6	0.7	<b>7.5</b>	-0.6	0.4
<b>FWV6LK</b>	<b>110.7</b>	<b>26.5X</b>	0.0	<b>1,554.0</b>	<b>137.6X</b>		<b>2,242.0</b>	<b>20.1X</b>		<b>172.9</b>	<b>13.2X</b>	0.0	<b>771.0</b>	<b>118.8X</b>	
<b>FZYVW7</b>	<b>13.6</b>	0.1	0.2	<b>42.0</b>	-0.1	0.1	<b>496.2</b>	0.6	1.4	<b>47.0</b>	0.1	0.3	<b>10.3</b>	-0.2	0.4
<b>H87JGH</b>	<b>8.1</b>	-1.4	0.8	<b>23.7</b>	-1.7	0.3	<b>339.4</b>	-1.1	0.1	<b>31.6</b>	-1.5	0.2	<b>39.3</b>	4.4	2.2
<b>HYFT33</b>	<b>12.4</b>	-0.3		<b>35.8</b>	-0.6		<b>392.7</b>	-0.5		<b>37.4</b>	-0.9		<b>14.4</b>	0.5	
<b>K8JPY6</b>	<b>9.8</b>	-0.9	0.1	<b>25.3</b>	-1.6	0.5	<b>253.4</b>	-2.1	0.4	<b>29.9</b>	-1.7	0.4	<b>18.9</b>	1.2	0.9
<b>MPDAKH</b>	<b>16.2</b>	0.8	2.4	<b>36.3</b>	-0.6	1.3	<b>276.6</b>	-1.8	0.1	<b>34.6</b>	-1.2	0.8	<b>11.5</b>	0.0	0.4
<b>MPRNWX</b>	<b>13.4</b>	0.0	0.1	<b>48.7</b>	0.6	0.6	<b>503.3</b>	0.7	0.1	<b>47.2</b>	0.1	0.1	<b>10.5</b>	-0.1	0.1
<b>N4RMJU</b>	<b>12.3</b>	-0.3	0.8	<b>47.0</b>	0.4	1.0	<b>485.3</b>	0.5	0.6	<b>55.7</b>	1.0	3.8	<b>9.7</b>	-0.3	0.5
<b>NJJU9F</b>	<b>11.6</b>	-0.5	0.7	<b>40.3</b>	-0.2	0.3	<b>533.5</b>	1.0	0.5	<b>45.5</b>	0.0	0.6	<b>5.6</b>	-0.9	0.6
<b>PAC832</b>	<b>16.7</b>	0.9	0.0	<b>44.7</b>	0.2	0.1	<b>488.0</b>	0.5	0.1	<b>48.3</b>	0.2	0.0	<b>13.1</b>	0.3	0.1
<b>PVUG4Y</b>	<b>14.3</b>	0.3	0.4	<b>45.3</b>	0.2	0.4	<b>494.0</b>	0.6	0.2	<b>51.0</b>	0.5	0.3	<b>12.3</b>	0.1	0.5
<b>R732FQ</b>	<b>14.9</b>	0.4	0.2	<b>52.3</b>	0.9	0.4	<b>485.2</b>	0.5	0.5	<b>45.4</b>	-0.1	0.3	<b>13.9</b>	0.4	0.3
<b>VABCVP</b>	<b>10.5</b>	-0.8	0.8	<b>34.3</b>	-0.8	0.2	<b>407.4</b>	-0.4	0.3	<b>42.8</b>	-0.3	0.2	<b>13.7</b>	0.4	1.8
<b>WR4PP9</b>	<b>13.5</b>	0.0	1.6	<b>40.8</b>	-0.2	0.9	<b>491.7</b>	0.6	0.3	<b>36.0</b>	-1.0	0.5	<b>11.4</b>	0.0	1.0
<b>XEDFF9</b>	<b>11.3</b>	-0.5	0.2	<b>30.2</b>	-1.1	0.3	<b>442.9</b>	0.0	1.1	<b>33.8</b>	-1.3	0.1	<b>12.5</b>	0.2	0.1
<b>Y9NZR2</b>	<b>12.7</b>	-0.2	0.6	<b>47.4</b>	0.4	0.6	<b>424.1</b>	-0.2	0.7	<b>46.3</b>	0.0	0.2	<b>9.1</b>	-0.4	0.3



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>YDXA2J</b>	<b>18.5</b>	1.4	0.6	<b>42.2</b>	0.0	0.2	<b>510.0</b>	0.8	0.9	<b>48.4</b>	0.3	0.1	<b>11.8</b>	0.1	0.4	
<b>YKW3Q4</b>	<b>11.9</b>	-0.4	0.6	<b>59.0</b>	1.5	1.8	<b>482.5</b>	0.5	0.8	<b>47.8</b>	0.2	0.9	<b>9.6</b>	-0.3	0.3	
<b>ZGX28M</b>	<b>9.9</b>	-0.9	0.4	<b>36.4</b>	-0.6	0.1	<b>397.5</b>	-0.5	0.9	<b>44.9</b>	-0.1	0.3	<b>21.4</b>	1.6	0.6	
Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	13.3			42.6			440.2			45.9			11.5			
<b>Median Abs Dev</b>	1.5			6.2			47.6			5.3			1.9			
<b>Avg Within Lab SD</b>	1.5			2.6			15.0			3.9			1.1			
<b>Labs Included</b>	28			28			28			28			28			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>581.7</b>	0.0	0.3	<b>2,094.7</b>	0.4	1.0	<b>225.7</b>	0.6	0.2	<b>1,223.0</b>	0.2	0.1	<b>467.3</b>	0.3	0.2	
<b>8FXGET</b>	<b>609.8</b>	0.3	2.1	<b>2,018.0</b>	0.2	1.2	<b>205.0</b>	0.3	1.7	<b>1,369.9</b>	0.9	1.4	<b>473.4</b>	0.3	2.0	
<b>93PRHD</b>	<b>528.3</b>	-0.7	1.2	<b>1,823.3</b>	-0.6	0.3	<b>173.3</b>	-0.2	0.8	<b>1,100.0</b>	-0.4	1.1	<b>416.7</b>	-0.5	1.6	
<b>9EGFA7</b>	<b>595.8</b>	0.1	0.2	<b>1,997.3</b>	0.1	0.2	<b>161.1</b>	-0.4	0.2	<b>1,178.4</b>	0.0	0.3	<b>390.3</b>	-0.8	0.1	
<b>9N87RR</b>	<b>449.3</b>	-1.7	0.6	<b>1,769.0</b>	-0.7	0.9	<b>188.7</b>	0.0	0.7	<b>1,189.7</b>	0.1	0.4	<b>448.7</b>	0.0	0.1	
<b>9Q99HT</b>	<b>626.8</b>	0.5	1.1	<b>2,104.2</b>	0.5	1.0	<b>189.6</b>	0.0	2.2	<b>1,482.3</b>	1.5	0.6	<b>588.8</b>	2.0	1.7	
<b>CL9R26</b>	<b>587.0</b>	0.0	0.3	<b>1,895.7</b>	-0.3	0.2	<b>64.4</b>	-1.9	0.4	<b>1,091.3</b>	-0.4	0.0	<b>409.3</b>	-0.6	0.1	
<b>DRRH26</b>	<b>282.0</b>	-3.8X	0.2	<b>1,300.0</b>	-2.5	0.2	<b>38.5</b>	-2.3	0.0	<b>729.5</b>	-2.2	0.1	<b>182.5</b>	-3.8X	0.1	
<b>FWV6LK</b>	<b>13,560.0</b>	164.5X		<b>107,000.0</b>	381.6X		<b>54,490.0</b>	842.7X		<b>164,300.0</b>	792.0X		<b>68,660.0</b>	973.2X		
<b>N4RMJU</b>	<b>544.3</b>	-0.5	0.7	<b>2,493.3</b>	1.9	1.5	<b>92.3</b>	-1.5	1.2	<b>1,486.7</b>	1.5	0.7	<b>418.7</b>	-0.4	0.4	
<b>NJJU9F</b>	<b>578.4</b>	-0.1	1.3	<b>1,890.7</b>	-0.3	0.3	<b>212.4</b>	0.4	0.2	<b>1,148.9</b>	-0.1	0.6	<b>464.0</b>	0.2	0.2	
<b>VABCVP</b>	<b>401.5</b>	-2.3	0.5	<b>1,608.0</b>	-1.3	0.9	<b>87.2</b>	-1.6	1.3	<b>1,126.0</b>	-0.3	0.5	<b>426.0</b>	-0.3	0.4	
<b>WR4PP9</b>	<b>661.8</b>	1.0	1.9	<b>2,286.3</b>	1.1	2.7	<b>218.5</b>	0.5	1.5	<b>1,568.3</b>	1.9	3.2	<b>650.2</b>	2.9	2.0	
<b>Y9NZR2</b>	<b>605.3</b>	0.3	0.4	<b>1,987.6</b>	0.0	0.2	<b>161.2</b>	-0.4	0.3	<b>1,124.8</b>	-0.3	0.2	<b>387.5</b>	-0.9	0.2	
<b>YKW3Q4</b>	<b>606.7</b>	0.3	0.4	<b>1,910.4</b>	-0.2	0.2	<b>187.6</b>	0.0	0.1	<b>1,150.6</b>	-0.1	0.2	<b>464.9</b>	0.2	0.4	
<b>ZGX28M</b>	<b>464.7</b>	-1.5	0.2	<b>1,974.7</b>	0.0	0.4	<b>190.2</b>	0.0	0.4	<b>1,235.3</b>	0.3	0.1	<b>450.3</b>	0.0	0.1	

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	584.3			1,974.7			187.6			1,178.4			449.5			
<b>Median Abs Dev</b>	32.7			119.9			26.5			56.9			27.4			
<b>Avg Within Lab SD</b>	21.6			75.3			20.1			92.9			30.0			
<b>Labs Included</b>	14			15			15			15			14			
<b>Labs Reporting</b>	16			16			16			16			16			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3N7DDH	5.37	-0.13	0.14	1.24	-0.30	0.50	5.50	-0.36	0.32	0.51	0.41	0.41	2.70	-0.75	0.88	
8FXGET	6.41	0.70	1.67	2.01	2.35	1.16	6.19	0.33	3.13	1.02	2.23	0.73	3.97	1.22	2.00	
93PRHD	5.17	-0.30	0.28	1.10	-0.80	0.99	5.13	-0.73	0.19	0.37	-0.12	0.33	2.70	-0.75	0.44	
9EGFA7	5.93	0.32	0.14	1.27	-0.22	0.57	6.10	0.24	0.32	0.47	0.24	0.67	2.93	-0.39	0.25	
9N87RR	4.79	-0.60	0.19	1.23	-0.35	0.71	6.38	0.52	1.03	0.34	-0.23	0.24	3.38	0.30	0.23	
9Q99HT	5.09	-0.36	0.74	1.24	-0.31	0.61	5.78	-0.08	0.82	0.37	-0.11	2.21	3.26	0.12	0.31	
CERGN4	5.47	-0.05	0.00	1.49	0.56	0.00	5.26	-0.60	0.00	0.36	-0.14	0.00	3.05	-0.21	0.00	
CL9R26	6.65	0.90	0.16	1.47	0.50	1.23	5.45	-0.41	0.61	0.37	-0.12	0.10	3.09	-0.15	0.39	
DJDTZC	4.14	-1.12	1.17	2.03	2.43	2.32	4.28	-1.59	0.31	1.66	4.52X	4.98	3.27	0.14	2.05	
DRRH26	2.90	-2.11	0.34	0.85	-1.67	0.70	5.45	-0.41	1.14	1.40	3.58	0.00	3.04	-0.22	0.37	
FWV6LK	17.00	9.18X		54.50	184.99X		89.10	83.97X	0.00	40.80	144.45X	0.00	60.00	88.53X		
FZYVW7	6.59	0.84	3.93	4.83	12.19X	8.39	5.35	-0.51	2.38	0.78	1.37	1.38	3.01	-0.27	0.89	
H87JGH	4.98	-0.44	0.09	1.30	-0.10	0.87	8.25	2.42	0.14	1.28	3.14	0.39	5.27	3.25	1.11	
HYFT33	3.64	-1.52		1.30	-0.10		3.47	-2.41		0.48	0.29		1.89	-2.02		
JHMF32	6.03	0.40	1.06	1.88	1.92	0.75	7.15	1.31	1.83	1.08	2.42	0.06	4.29	1.73	0.17	
K8JPY6	6.08	0.44	0.71	1.52	0.67	0.98	5.67	-0.19	1.71	0.62	0.79	1.07	3.20	0.03	1.28	
MPDAKH	4.27	-1.02	0.37	1.03	-1.03	0.57	3.73	-2.14	0.49	0.50	0.36		2.50	-1.07		
MPRNWX	6.23	0.56	0.14	1.39	0.20	0.49	6.23	0.38	0.49	0.38	-0.06	0.18	3.13	-0.08	0.91	
N4RMJU	5.60	0.05	0.86	1.50	0.59	0.99	6.27	0.41	0.99	0.47	0.24	3.34	3.17	-0.03	0.67	
NJJU9F	6.52	0.79	0.83	1.26	-0.23	0.25	6.42	0.57	0.28	0.33	-0.25	0.20	3.78	0.93	2.86	
PAC832	6.90	1.09	0.34	1.58	0.86	1.89	6.20	0.35	0.32	0.39	-0.02	0.14	3.56	0.58	0.39	
PVUG4Y	6.37	0.67	0.28	1.20	-0.45	0.99	5.93	0.08	0.19	0.20	-0.72	0.00	3.60	0.65	0.00	
R732FQ	5.99	0.36	0.20	1.45	0.42	0.45	5.72	-0.14	0.13	0.40	-0.01	0.24	3.28	0.15	0.32	
VABCVP	4.11	-1.14	0.61	1.06	-0.95	2.67	4.77	-1.09	0.52	0.37	-0.10	1.84	2.52	-1.03	0.58	
WR4PP9	6.30	0.61	1.67	1.40	0.24	0.00	5.57	-0.29	0.19	0.33	-0.24	0.67	3.30	0.18	0.88	
X8D3EJ	5.42	-0.09	0.04	1.54	0.72	0.25	6.69	0.84	0.54	0.44	0.14	0.35	3.76	0.90	0.57	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XEDFF9</b>	<b>4.80</b>	-0.59	0.23	<b>1.38</b>	0.19	0.44	<b>6.17</b>	0.31	0.66	<b>0.48</b>	0.30	0.76	<b>3.16</b>	-0.03	0.33	
<b>Y9NZR2</b>	<b>5.40</b>	-0.11	0.24	<b>1.13</b>	-0.68	0.57	<b>6.00</b>	0.14	0.56	<b>0.40</b>	0.00	1.16	<b>2.80</b>	-0.60	0.44	
<b>YDXA2J</b>	<b>7.60</b>	1.66	0.97	<b>1.33</b>	0.00	0.10	<b>6.14</b>	0.28	0.50	<b>0.38</b>	-0.08	0.02	<b>3.79</b>	0.94	1.71	
<b>YKW3Q4</b>	<b>6.23</b>	0.56	0.91	<b>1.43</b>	0.36	0.57	<b>6.30</b>	0.45	0.32	<b>0.57</b>	0.60	0.67	<b>3.57</b>	0.60	0.25	
<b>ZGX28M</b>	<b>4.65</b>	-0.71	0.22	<b>1.23</b>	-0.36	0.46	<b>5.23</b>	-0.64	0.21	<b>0.05</b>	-1.26	0.12	<b>2.60</b>	-0.92	0.46	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	5.54			1.33			5.86			0.40			3.18			
<b>Median Abs Dev</b>	0.74			0.13			0.41			0.07			0.38			
<b>Avg Within Lab SD</b>	0.42			0.10			0.31			0.09			0.23			
<b>Labs Included</b>	30			29			30			29			30			
<b>Labs Reporting</b>	31			31			31			31			31			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>46.7</b>	-0.4	0.7	<b>11.7</b>	-0.2	0.7	<b>217.0</b>	-0.4	0.6	<b>9.7</b>	-2.4	4.2	<b>139.0</b>	-0.4	0.4	
<b>8FXGET</b>	<b>52.0</b>	0.1	2.8	<b>12.7</b>	0.3	1.0	<b>226.6</b>	-0.2	2.0	<b>15.9</b>	-0.1	0.9	<b>145.1</b>	-0.2	1.5	
<b>93PRHD</b>	<b>48.7</b>	-0.2	0.5	<b>10.7</b>	-0.8	0.7	<b>241.7</b>	0.0	0.2	<b>15.0</b>	-0.4	0.5	<b>150.0</b>	-0.1	1.1	
<b>9EGFA7</b>	<b>59.5</b>	0.7	0.6	<b>11.0</b>	-0.6	0.2	<b>260.5</b>	0.4	0.4	<b>15.9</b>	-0.1	0.2	<b>151.8</b>	0.0	0.3	
<b>9N87RR</b>	<b>42.7</b>	-0.8	1.1	<b>11.6</b>	-0.3	0.1	<b>279.7</b>	0.8	0.7	<b>16.1</b>	0.0	0.3	<b>167.3</b>	0.5	0.3	
<b>9Q99HT</b>	<b>57.0</b>	0.5	1.7	<b>13.2</b>	0.6	2.1	<b>314.3</b>	1.4	1.4	<b>17.9</b>	0.7	0.7	<b>191.7</b>	1.3	1.3	
<b>CERGN4</b>	<b>40.5</b>	-1.0		<b>11.9</b>	-0.1	0.0	<b>221.6</b>	-0.3	0.0	<b>11.9</b>	-1.6	0.0	<b>148.5</b>	-0.1		
<b>CL9R26</b>	<b>51.7</b>	0.0	0.3	<b>11.5</b>	-0.3	0.3	<b>208.0</b>	-0.6	0.2	<b>16.3</b>	0.1	0.2	<b>144.7</b>	-0.2	0.2	
<b>DJDTZC</b>	<b>43.7</b>	-0.7	0.1	<b>10.8</b>	-0.7	0.7	<b>240.2</b>	0.0	0.6	<b>15.7</b>	-0.2	0.2	<b>157.9</b>	0.2	0.5	
<b>DRRH26</b>	<b>22.5</b>	-2.6	0.9	<b>10.5</b>	-0.8	0.9	<b>128.0</b>	-2.1	0.2	<b>12.0</b>	-1.6		<b>71.0</b>	-2.7	0.3	
<b>FWV6LK</b>	<b>222.3</b>	15.3X	0.0	<b>700.0</b>	360.0X		<b>1,340.0</b>	20.7X		<b>445.7</b>	162.9X	0.0	<b>1,022.0</b>	29.2X		
<b>FZYVW7</b>	<b>44.7</b>	-0.6	0.0	<b>11.5</b>	-0.3	0.4	<b>216.7</b>	-0.4	0.9	<b>14.6</b>	-0.6	0.2	<b>132.5</b>	-0.6	0.8	
<b>H87JGH</b>	<b>59.7</b>	0.7	0.9	<b>14.1</b>	1.0	0.3	<b>288.9</b>	0.9	0.1	<b>18.5</b>	0.9	0.2	<b>190.7</b>	1.3	2.5	
<b>HYFT33</b>	<b>49.0</b>	-0.2		<b>12.9</b>	0.4		<b>206.0</b>	-0.6		<b>16.9</b>	0.3		<b>147.2</b>	-0.1		
<b>JHMF32</b>	<b>64.5</b>	1.2	1.8	<b>5.9</b>	-3.3X	0.1	<b>574.3</b>	6.3X	52.9	<b>1.1</b>	-5.7X	0.0	<b>4.3</b>	-4.9X	0.0	
<b>K8JPY6</b>	<b>49.6</b>	-0.2	0.1	<b>11.6</b>	-0.3	0.4	<b>243.2</b>	0.1	1.3	<b>13.8</b>	-0.9	0.2	<b>157.0</b>	0.2	0.6	
<b>MPDAKH</b>	<b>41.0</b>	-0.9	0.4	<b>9.0</b>	-1.6	0.2	<b>199.8</b>	-0.7	0.1	<b>12.3</b>	-1.4	0.1	<b>133.7</b>	-0.6	0.2	
<b>MPRNWX</b>	<b>47.3</b>	-0.4	0.7	<b>14.1</b>	1.1	0.3	<b>189.3</b>	-0.9	0.1	<b>15.6</b>	-0.2	0.1	<b>132.7</b>	-0.6	0.2	
<b>N4RMJU</b>	<b>53.3</b>	0.2	0.9	<b>12.3</b>	0.1	0.7	<b>242.7</b>	0.1	0.1	<b>17.0</b>	0.3	0.9	<b>151.3</b>	0.0	0.4	
<b>NJJU9F</b>	<b>51.4</b>	0.0	1.0	<b>12.7</b>	0.3	0.3	<b>309.1</b>	1.3	0.2	<b>17.5</b>	0.5	0.5	<b>185.4</b>	1.1	0.3	
<b>PAC832</b>	<b>55.7</b>	0.4	0.5	<b>14.3</b>	1.2	0.1	<b>237.9</b>	0.0	0.1	<b>16.4</b>	0.1	0.2	<b>154.2</b>	0.1	0.5	
<b>PVUG4Y</b>	<b>54.0</b>	0.2	0.4	<b>13.0</b>	0.5		<b>277.7</b>	0.7	0.2	<b>19.0</b>	1.1		<b>185.3</b>	1.1	0.3	
<b>R732FQ</b>	<b>74.3</b>	2.1	1.6	<b>14.4</b>	1.2	0.2	<b>382.7</b>	2.7	0.3	<b>19.8</b>	1.4	0.3	<b>250.0</b>	3.3	0.7	
<b>VABCVP</b>	<b>32.5</b>	-1.7	0.9	<b>11.1</b>	-0.5	0.7	<b>179.0</b>	-1.1	0.7	<b>15.0</b>	-0.4	0.6	<b>111.7</b>	-1.3	0.6	
<b>WR4PP9</b>	<b>45.6</b>	-0.5	0.5	<b>14.4</b>	1.2	2.8	<b>195.9</b>	-0.8	4.0	<b>17.6</b>	0.6	1.9	<b>148.0</b>	-0.1	3.2	
<b>X8D3EJ</b>	<b>56.8</b>	0.5	0.8	<b>16.2</b>	2.1	2.7	<b>293.9</b>	1.0	0.5	<b>20.6</b>	1.7	0.2	<b>186.2</b>	1.2	0.9	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Y9NZR2</b>	<b>61.0</b>	0.9	0.8	<b>10.2</b>	-1.0	0.3	<b>254.8</b>	0.3	0.0	<b>13.8</b>	-0.9	0.1	<b>143.4</b>	-0.3	0.4	
<b>YDXA2J</b>	<b>57.8</b>	0.6	1.0	<b>13.2</b>	0.6	0.2	<b>222.9</b>	-0.3	0.1	<b>16.2</b>	0.0	0.2	<b>157.2</b>	0.2	0.1	
<b>YKW3Q4</b>	<b>59.6</b>	0.7	0.6	<b>12.7</b>	0.3	1.0	<b>261.4</b>	0.4	0.1	<b>16.7</b>	0.2	0.3	<b>157.9</b>	0.2	0.2	
<b>ZGX28M</b>	<b>44.4</b>	-0.6	0.1	<b>11.2</b>	-0.5	0.1	<b>237.9</b>	0.0	0.1	<b>16.8</b>	0.3	0.1	<b>168.3</b>	0.6	0.2	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	51.4			12.1			239.0			16.1			151.6			
<b>Median Abs Dev</b>	6.4			1.0			26.7			1.3			10.4			
<b>Avg Within Lab SD</b>	2.3			0.8			18.6			2.0			8.9			
<b>Labs Included</b>	29			28			28			28			28			
<b>Labs Reporting</b>	30			30			30			30			30			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>221.7</b>	0.8	0.2	<b>150.7</b>	0.4	0.3	<b>52.0</b>	0.5	0.3	<b>49.0</b>	0.3	0.6	<b>104.0</b>	0.3	0.6	
<b>8FXGET</b>	<b>190.3</b>	0.0	1.1	<b>140.7</b>	0.0	0.8	<b>46.0</b>	-0.1	1.7	<b>55.4</b>	1.0	0.5	<b>85.3</b>	-0.4	1.1	
<b>93PRHD</b>	<b>188.3</b>	-0.1	0.2	<b>140.0</b>	0.0		<b>47.3</b>	0.0	0.6	<b>50.0</b>	0.4	0.6	<b>95.3</b>	0.0	0.8	
<b>9EGFA7</b>	<b>211.8</b>	0.5	0.1	<b>139.8</b>	0.0	0.2	<b>48.0</b>	0.1	0.2	<b>48.6</b>	0.2	0.2	<b>88.1</b>	-0.3	0.3	
<b>9N87RR</b>	<b>157.7</b>	-0.8	0.3	<b>145.3</b>	0.2	1.7	<b>48.7</b>	0.1	0.5	<b>42.3</b>	-0.5	0.2	<b>101.7</b>	0.2	0.3	
<b>9Q99HT</b>	<b>215.9</b>	0.7	0.7	<b>181.9</b>	1.6	0.5	<b>50.2</b>	0.3	1.3	<b>144.8</b>	<b>11.6X</b>	7.1	<b>146.5</b>	2.1	2.4	
<b>CERGN4</b>	<b>171.2</b>	-0.5	0.0	<b>164.8</b>	0.9	0.0	<b>47.6</b>	0.0	0.0	<b>37.4</b>	-1.1	0.0	<b>96.5</b>	0.0		
<b>CL9R26</b>	<b>197.3</b>	0.2	0.1	<b>126.0</b>	-0.6	0.2	<b>38.4</b>	-0.9	0.5	<b>35.9</b>	-1.3	0.2	<b>81.1</b>	-0.6	0.3	
<b>DJDTZC</b>	<b>183.8</b>	-0.2	0.1	<b>109.9</b>	-1.2	0.3	<b>53.4</b>	0.6	0.7	<b>43.7</b>	-0.4	0.8	<b>108.5</b>	0.5	1.2	
<b>DRRH26</b>	<b>74.0</b>	-3.0	0.1	<b>106.5</b>	-1.3	0.4	<b>25.0</b>	-2.3	0.4	<b>26.5</b>	-2.4	0.2	<b>42.5</b>	-2.2	0.3	
<b>FWV6LK</b>	<b>4,786.0</b>	<b>117.0X</b>		<b>33,100.0</b>	<b>1,249.6X</b>		<b>21,500.0</b>	<b>1,255.5X</b>		<b>92,870.0</b>	<b>1,008.1X</b>		<b>23,700.0</b>	<b>966.2X</b>		
<b>FZYVW7</b>	<b>186.9</b>	-0.1	0.4	<b>136.2</b>	-0.2	0.3	<b>41.8</b>	-0.6	0.5	<b>46.4</b>	0.0	2.2	<b>83.4</b>	-0.5	0.3	
<b>H87JGH</b>	<b>201.4</b>	0.3	0.1	<b>175.9</b>	1.3	1.1	<b>55.9</b>	0.9	0.1	<b>49.6</b>	0.3	0.1	<b>134.6</b>	1.6	0.3	
<b>HYFT33</b>	<b>148.0</b>	-1.1		<b>148.5</b>	0.3		<b>36.8</b>	-1.1		<b>34.8</b>	-1.4		<b>79.1</b>	-0.7		
<b>JHMF32</b>	<b>183.4</b>	-0.2	1.7	<b>167.2</b>	1.0	0.1	<b>65.5</b>	1.9	0.7	<b>48.6</b>	0.2	0.8	<b>154.2</b>	2.4	1.0	
<b>K8JPY6</b>	<b>213.6</b>	0.6	0.1	<b>155.4</b>	0.6	0.3	<b>44.9</b>	-0.3	1.0	<b>41.5</b>	-0.6	0.4	<b>92.3</b>	-0.1	0.5	
<b>MPDAKH</b>	<b>110.6</b>	-2.0	4.7	<b>114.0</b>	-1.0	0.2	<b>40.2</b>	-0.8	0.2	<b>33.2</b>	-1.6	0.1	<b>83.1</b>	-0.5	0.1	
<b>MPRNWX</b>	<b>214.3</b>	0.6	0.1	<b>131.7</b>	-0.3	0.2	<b>42.0</b>	-0.6	0.3	<b>47.0</b>	0.0	0.9	<b>92.7</b>	-0.1	0.4	
<b>N4RMJU</b>	<b>188.3</b>	-0.1	0.4	<b>164.3</b>	0.9	0.3	<b>48.0</b>	0.1	0.6	<b>42.7</b>	-0.5	0.2	<b>96.0</b>	0.0	0.4	
<b>NJJU9F</b>	<b>191.5</b>	0.0	0.6	<b>134.9</b>	-0.2	0.2	<b>52.5</b>	0.5	0.2	<b>42.9</b>	-0.4	0.7	<b>105.4</b>	0.4	0.2	
<b>PAC832</b>	<b>218.8</b>	0.7	0.1	<b>127.4</b>	-0.5	0.1	<b>44.5</b>	-0.3	0.1	<b>43.5</b>	-0.4	0.1	<b>95.5</b>	0.0	0.0	
<b>PVUG4Y</b>	<b>203.0</b>	0.3	0.1	<b>150.7</b>	0.4	0.1	<b>53.3</b>	0.6	0.2	<b>52.3</b>	0.7	0.3	<b>113.0</b>	0.7		
<b>R732FQ</b>	<b>273.9</b>	2.1	0.4	<b>208.6</b>	2.6	0.3	<b>66.7</b>	2.0	0.8	<b>60.4</b>	1.6	0.3	<b>153.5</b>	2.4	0.0	
<b>VABCVP</b>	<b>124.3</b>	-1.7	0.3	<b>121.2</b>	-0.7	0.3	<b>35.8</b>	-1.2	0.8	<b>49.8</b>	0.4	2.2	<b>75.3</b>	-0.8	0.5	
<b>WR4PP9</b>	<b>178.4</b>	-0.3	0.2	<b>170.0</b>	1.1	4.3	<b>46.5</b>	-0.1	4.0	<b>53.6</b>	0.8	3.5	<b>108.5</b>	0.5	3.2	
<b>X8D3EJ</b>	<b>176.0</b>	-0.4	0.7	<b>139.6</b>	0.0	1.5	<b>55.5</b>	0.9	1.1	<b>53.4</b>	0.8	0.4	<b>127.4</b>	1.3	1.6	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Y9NZR2</b>	<b>210.8</b>	0.5	0.3	<b>150.0</b>	0.4	0.5	<b>40.0</b>	-0.8	0.5	<b>47.4</b>	0.1	0.3	<b>86.3</b>	-0.4	0.2	
<b>YDXA2J</b>	<b>217.2</b>	0.7	0.3	<b>117.9</b>	-0.9	0.0	<b>40.8</b>	-0.7	0.3	<b>43.7</b>	-0.4	0.2	<b>91.8</b>	-0.2	0.0	
<b>YKW3Q4</b>	<b>212.9</b>	0.6	0.4	<b>159.7</b>	0.7	0.3	<b>53.6</b>	0.7	0.9	<b>52.3</b>	0.7	0.8	<b>99.8</b>	0.2	1.1	
<b>ZGX28M</b>	<b>165.4</b>	-0.6	0.1	<b>131.9</b>	-0.3	0.2	<b>42.4</b>	-0.5	0.3	<b>43.8</b>	-0.3	0.2	<b>95.7</b>	0.0	0.1	

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	190.3			140.7			47.3			46.7			95.7			
<b>Median Abs Dev</b>	21.5			14.7			5.5			3.9			10.4			
<b>Avg Within Lab SD</b>	17.8			9.2			3.3			3.4			6.4			
<b>Labs Included</b>	29			29			29			28			29			
<b>Labs Reporting</b>	30			30			30			30			30			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>0.53</b>	-0.38	0.29	<b>0.47</b>	-0.21	0.15	<b>2.03</b>	-0.16	0.17	<b>0.62</b>	-0.27	0.23	<b>1.60</b>	-0.94	0.71	
<b>8FXGET</b>	<b>1.11</b>	2.38	1.29	<b>1.18</b>	3.20	1.78	<b>2.45</b>	0.63	1.08	<b>1.02</b>	1.40	1.02	<b>2.70</b>	1.44	1.58	
<b>93PRHD</b>	<b>0.38</b>	-1.10	0.29	<b>0.28</b>	-1.11	0.43	<b>1.70</b>	-0.79	0.29	<b>0.58</b>	-0.42	0.22	<b>1.60</b>	-0.94	0.35	
<b>9EGFA7</b>	<b>0.45</b>	-0.77	0.42	<b>0.35</b>	-0.77	0.23	<b>1.87</b>	-0.47	0.17	<b>0.60</b>	-0.34	0.19	<b>1.67</b>	-0.79	0.20	
<b>9N87RR</b>	<b>0.46</b>	-0.75	0.21	<b>0.47</b>	-0.23	0.31	<b>2.32</b>	0.39	0.25	<b>0.66</b>	-0.10	0.08	<b>2.14</b>	0.22	0.18	
<b>9Q99HT</b>	<b>0.40</b>	-1.03	0.87	<b>0.65</b>	0.66	1.81	<b>1.04</b>	-2.05	0.57	<b>0.94</b>	1.06	1.41	<b>2.27</b>	0.51	0.56	
<b>CERGN4</b>	<b>0.66</b>	0.23	0.00	<b>0.75</b>	1.14		<b>1.81</b>	-0.58	0.00	<b>0.61</b>	-0.31	0.00	<b>1.82</b>	-0.46	0.00	
<b>CL9R26</b>	<b>0.83</b>	1.07	0.94	<b>0.56</b>	0.25	0.33	<b>1.63</b>	-0.93	0.19	<b>0.75</b>	0.26	0.32	<b>1.79</b>	-0.54	0.18	
<b>DJDTZC</b>	<b>0.78</b>	0.83	1.15	<b>0.64</b>	0.59	1.54	<b>1.76</b>	-0.68	0.26	<b>0.75</b>	0.26	0.27	<b>1.69</b>	-0.73	0.30	
<b>DRRH26</b>	<b>0.70</b>	0.40	0.49	<b>0.74</b>	1.07	0.11	<b>1.43</b>	-1.31	0.22	<b>0.68</b>	-0.04	0.05	<b>0.95</b>	-2.34	0.15	
<b>FWV6LK</b>	<b>5.50</b>	23.55X		<b>11.30</b>	52.04X	0.00	<b>22.90</b>	39.38X	0.00	<b>61.50</b>	251.36X		<b>18.20</b>	34.81X	0.00	
<b>FZYVW7</b>	<b>0.60</b>	-0.04	0.31	<b>0.66</b>	0.70	0.97	<b>2.25</b>	0.26	0.09	<b>0.75</b>	0.29	0.13	<b>1.89</b>	-0.32	0.36	
<b>H87JGH</b>	<b>0.43</b>	-0.90	0.05	<b>0.45</b>	-0.32	0.23	<b>2.26</b>	0.28	0.04	<b>0.73</b>	0.21	0.03	<b>2.15</b>	0.24	0.60	
<b>HYFT33</b>	<b>0.77</b>	0.74		<b>0.54</b>	0.15		<b>2.82</b>	1.33		<b>0.82</b>	0.56		<b>2.72</b>	1.47		
<b>JHMF32</b>	<b>0.83</b>	1.06	1.14	<b>0.81</b>	1.45	0.60	<b>2.93</b>	1.53	0.19	<b>1.02</b>	1.39	0.84	<b>138.04</b>	292.89X	83.58	
<b>K8JPY6</b>	<b>0.66</b>	0.23	0.74	<b>0.49</b>	-0.13	0.53	<b>2.26</b>	0.27	0.35	<b>0.69</b>	0.01	0.14	<b>2.04</b>	0.00	0.18	
<b>MPDAKH</b>	<b>0.42</b>	-0.94	0.21	<b>0.25</b>	-1.29	0.17	<b>1.97</b>	-0.28	0.17	<b>0.20</b>	-2.00	0.00	<b>2.03</b>	0.00	0.20	
<b>MPRNWX</b>	<b>0.75</b>	0.68	0.21	<b>0.62</b>	0.51	0.40	<b>2.23</b>	0.22	0.17	<b>0.69</b>	0.01	0.12	<b>1.98</b>	-0.13	0.11	
<b>N4RMJU</b>	<b>0.57</b>	-0.22	1.60	<b>0.50</b>	-0.06		<b>2.07</b>	-0.09	0.17	<b>0.83</b>	0.61	0.44	<b>1.97</b>	-0.15	0.20	
<b>NJJU9F</b>	<b>0.66</b>	0.21	0.09	<b>0.53</b>	0.09	0.29	<b>2.55</b>	0.82	0.07	<b>0.66</b>	-0.09	0.19	<b>2.28</b>	0.53	0.20	
<b>PAC832</b>	<b>0.62</b>	0.04	0.24	<b>0.46</b>	-0.28	0.39	<b>2.19</b>	0.15	0.40	<b>0.57</b>	-0.47	0.24	<b>2.27</b>	0.50	0.22	
<b>PVUG4Y</b>	<b>0.40</b>	-1.02	0.00	<b>0.40</b>	-0.55	0.00	<b>2.17</b>	0.09	0.17	<b>0.30</b>	-1.59	0.00	<b>2.10</b>	0.14	0.00	
<b>R732FQ</b>	<b>0.64</b>	0.13	0.42	<b>0.67</b>	0.76	0.30	<b>2.45</b>	0.63	0.11	<b>0.95</b>	1.08	0.09	<b>2.32</b>	0.61	0.08	
<b>VABCVP</b>	<b>0.36</b>	-1.21	0.23	<b>0.41</b>	-0.49	0.29	<b>1.92</b>	-0.38	0.19	<b>0.65</b>	-0.16	0.57	<b>1.72</b>	-0.68	0.08	
<b>WR4PP9</b>	<b>0.77</b>	0.74	4.24	<b>0.53</b>	0.10	3.78	<b>2.77</b>	1.23	5.06	<b>1.17</b>	1.99	4.91	<b>2.83</b>	1.72	4.83	
<b>X8D3EJ</b>	<b>0.50</b>	-0.54	0.24	<b>0.47</b>	-0.21	0.65	<b>2.25</b>	0.26	0.12	<b>0.68</b>	-0.01	0.04	<b>2.17</b>	0.30	0.11	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>XEDFF9</b>	<b>0.76</b>	0.71	0.31	<b>0.99</b>	2.28	0.55	<b>3.50</b>	2.61	0.18	<b>1.66</b>	4.02	0.14	<b>3.43</b>	3.01	0.14	
<b>Y9NZR2</b>	<b>0.44</b>	-0.81	0.68	<b>0.38</b>	-0.63	0.23	<b>1.63</b>	-0.92	0.17	<b>0.59</b>	-0.39	0.26	<b>1.77</b>	-0.58	0.20	
<b>YDXA2J</b>	<b>0.67</b>	0.29	0.16	<b>0.42</b>	-0.47	0.08	<b>1.99</b>	-0.23	0.06	<b>0.51</b>	-0.74	0.00	<b>2.06</b>	0.05	0.25	
<b>YKW3Q4</b>	<b>0.48</b>	-0.65	0.35	<b>0.41</b>	-0.50	0.40	<b>2.00</b>	-0.22		<b>0.67</b>	-0.07	0.09	<b>1.93</b>	-0.22	0.20	
<b>ZGX28M</b>	<b>0.59</b>	-0.12	0.35	<b>0.53</b>	0.06	0.48	<b>1.89</b>	-0.44	0.17	<b>0.70</b>	0.08	0.25	<b>2.04</b>	0.01	0.30	
Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.61			0.51			2.12			0.68			2.04			
<b>Median Abs Dev</b>	0.15			0.11			0.24			0.08			0.23			
<b>Avg Within Lab SD</b>	0.07			0.07			0.35			0.13			0.28			
<b>Labs Included</b>	30			30			30			30			29			
<b>Labs Reporting</b>	31			31			31			31			31			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3N7DDH</b>	<b>0.19</b>	-0.32	0.16	<b>0.23</b>	0.00	0.21	<b>3.47</b>	-0.59	2.06	<b>0.29</b>	0.15	0.40	<b>1.29</b>	-0.48	0.69	
<b>93PRHD</b>	<b>0.21</b>	-0.16	0.13	<b>0.10</b>	-1.20	0.00	<b>3.50</b>	-0.56	0.82	<b>0.10</b>	-1.14	0.00	<b>1.20</b>	-0.71	0.00	
<b>9EGFA7</b>	<b>0.16</b>	-0.64	0.08	<b>0.23</b>	0.00	0.36	<b>4.33</b>	0.00	0.47	<b>0.31</b>	0.28	0.53	<b>1.40</b>	-0.18	0.00	
<b>9Q99HT</b>	<b>0.44</b>	2.01	4.34	<b>0.35</b>	1.14	3.52	<b>3.60</b>	-0.49	1.14	<b>0.41</b>	0.94	3.09	<b>1.44</b>	-0.08	1.35	
<b>CERGN4</b>	<b>0.23</b>	0.03	0.00	<b>0.26</b>	0.28	0.00	<b>4.62</b>	0.19	0.00	<b>0.14</b>	-0.87	0.00	<b>1.63</b>	0.44	0.00	
<b>CL9R26</b>	<b>0.17</b>	-0.55	0.13	<b>0.13</b>	-0.89	0.24	<b>4.30</b>	-0.02	0.73	<b>0.20</b>	-0.46	0.69	<b>1.51</b>	0.11	0.67	
<b>DJDTZC</b>	<b>0.36</b>	1.24	0.09	<b>0.36</b>	1.24	1.08	<b>1.54</b>	-1.89	1.50	<b>0.48</b>	1.46	0.75	<b>0.67</b>	-2.12	0.74	
<b>DRRH26</b>	<b>0.15</b>	-0.74	0.00	<b>0.14</b>	-0.88	0.15	<b>0.59</b>	-2.53	0.12	<b>0.50</b>	1.54	0.42	<b>0.81</b>	-1.77	0.82	
<b>FZYVW7</b>	<b>0.22</b>	-0.03	0.45	<b>0.14</b>	-0.84	0.26	<b>5.19</b>	0.58	1.35	<b>0.44</b>	1.16	2.25	<b>1.60</b>	0.35	1.28	
<b>HYFT33</b>	<b>0.13</b>	-0.93		<b>0.76</b>	4.89X		<b>4.90</b>	0.38		<b>0.11</b>	-1.07		<b>1.75</b>	0.76		
<b>K8JPY6</b>	<b>0.51</b>	2.76	0.13	<b>0.39</b>	1.49	0.32	<b>3.92</b>	-0.28	1.08	<b>0.27</b>	-0.01	0.46	<b>1.44</b>	-0.08	0.32	
<b>MPDAKH</b>	<b>0.23</b>	0.00	0.37	<b>0.17</b>	-0.55	0.71	<b>1.46</b>	-1.95	0.80	<b>0.18</b>	-0.57	0.64	<b>0.60</b>	-2.31	1.25	
<b>N4RMJU</b>				<b>0.10</b>	-1.20	0.00	<b>5.10</b>	0.52	1.42	<b>0.10</b>	-1.14	0.00	<b>1.47</b>	0.00	2.53	
<b>NJJU9F</b>							<b>5.40</b>	0.72	0.66				<b>1.61</b>	0.37	0.99	
<b>PAC832</b>	<b>0.26</b>	0.35	0.17	<b>0.25</b>	0.14	0.42	<b>4.58</b>	0.16	1.54	<b>0.21</b>	-0.41	0.23	<b>1.62</b>	0.40	0.42	
<b>PVUG4Y</b>	<b>0.23</b>	0.06	0.45	<b>0.17</b>	-0.58	1.18	<b>1.13</b>	-2.17	0.47	<b>0.13</b>	-0.91	1.15	<b>0.60</b>	-2.31	0.00	
<b>R732FQ</b>	<b>0.26</b>	0.29	0.25	<b>0.28</b>	0.49	1.30	<b>5.27</b>	0.63	0.85	<b>0.33</b>	0.40	1.09	<b>1.70</b>	0.63	0.10	
<b>VABCVP</b>	<b>0.24</b>	0.17	0.03	<b>0.22</b>	-0.07	0.29	<b>4.65</b>	0.22	0.51	<b>0.27</b>	0.01	0.15	<b>1.48</b>	0.03	0.22	
<b>WR4PP9</b>	<b>0.11</b>	-1.09	0.65	<b>0.11</b>	-1.08	1.54	<b>4.89</b>	0.38	0.54	<b>0.16</b>	-0.73	1.19	<b>1.78</b>	0.84	1.99	
<b>Y9NZR2</b>	<b>0.17</b>	-0.55	0.08	<b>0.19</b>	-0.37	0.36	<b>4.00</b>	-0.23	0.82	<b>0.30</b>	0.22	0.20	<b>1.27</b>	-0.53	0.96	
<b>YDXA2J</b>	<b>0.28</b>	0.50	0.10	<b>0.34</b>	0.97	0.28	<b>5.11</b>	0.53	0.54	<b>0.39</b>	0.80	0.18	<b>1.78</b>	0.85	1.07	
<b>YKW3Q4</b>	<b>0.13</b>	-0.93	0.08	<b>0.25</b>	0.18	0.21	<b>4.77</b>	0.29	0.94	<b>0.31</b>	0.26	0.23	<b>1.47</b>	0.00	0.96	
<b>ZGX28M</b>	<b>0.31</b>	0.80	0.15	<b>0.29</b>	0.58	0.72	<b>4.05</b>	-0.19	1.00	<b>0.22</b>	-0.32	0.18	<b>1.40</b>	-0.19	0.42	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	0.23	0.23	4.33	0.27	1.47	
<b>Median Abs Dev</b>	0.06	0.06	0.73	0.10	0.16	
<b>Avg Within Lab SD</b>	0.13	0.05	0.12	0.05	0.06	
<b>Labs Included</b>	21	21	23	22	23	
<b>Labs Reporting</b>	21	22	23	22	23	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>2.99</b>	0.44	0.39	<b>0.80</b>	-0.20	0.63	<b>1.60</b>	-0.35	0.87	<b>0.37</b>	0.58	2.60	<b>1.31</b>	-0.57	0.72	
<b>3GNWVG</b>	<b>3.75</b>	1.73	0.18	<b>0.91</b>	0.49	0.11	<b>1.44</b>	-0.65	0.04	<b>0.19</b>	-0.45	0.14	<b>1.37</b>	-0.31	0.04	
<b>4RKER2</b>	<b>2.51</b>	-0.37	0.30	<b>0.84</b>	0.06	1.01	<b>1.64</b>	-0.28	0.61	<b>0.07</b>	-1.11		<b>1.51</b>	0.26	1.74	
<b>4YJWBK</b>	<b>2.70</b>	-0.05	0.46	<b>0.87</b>	0.21	0.62	<b>1.63</b>	-0.28	0.37	<b>0.20</b>	-0.38	0.00	<b>1.10</b>	-1.47	0.00	
<b>62PGXK</b>	<b>2.54</b>	-0.31	0.03	<b>0.94</b>	0.68	0.18	<b>1.81</b>	0.05	0.39	<b>0.42</b>	0.87	0.25	<b>1.45</b>	0.02	0.00	
<b>8HMNYQ</b>	<b>2.20</b>	-0.89	0.46	<b>0.63</b>	-1.27	1.23	<b>1.37</b>	-0.79	0.75	<b>0.10</b>	-0.94	0.00	<b>0.93</b>	-2.17	0.43	
<b>8YWAN8</b>	<b>2.45</b>	-0.47	0.05	<b>0.62</b>	-1.36	0.32	<b>1.80</b>	0.03	0.29	<b>0.15</b>	-0.66	0.00	<b>1.32</b>	-0.53	0.07	
<b>9Q99HT</b>	<b>2.66</b>	-0.11	0.58	<b>0.88</b>	0.29	0.95	<b>1.93</b>	0.29	2.12	<b>0.28</b>	0.10	0.41	<b>1.40</b>	-0.18	0.50	
<b>AG4E6F</b>	<b>2.68</b>	-0.09	0.23	<b>0.65</b>	-1.14	0.33	<b>2.25</b>	0.88	0.26	<b>0.17</b>	-0.53	0.37	<b>1.63</b>	0.80	0.17	
<b>AJP7AQ</b>	<b>2.89</b>	0.27	3.10	<b>0.85</b>	0.08	0.23	<b>1.46</b>	-0.61	0.48	<b>0.24</b>	-0.18	1.41	<b>1.22</b>	-0.96	0.29	
<b>B4RBDQ</b>	<b>3.11</b>	0.64	0.61	<b>1.46</b>	3.98X	0.69	<b>3.07</b>	2.44	0.67	<b>1.28</b>	5.73X	1.39	<b>1.47</b>	0.12	0.21	
<b>BC88YC</b>	<b>2.54</b>	-0.31	0.10	<b>1.04</b>	1.31	0.38	<b>2.63</b>	1.61	0.92	<b>0.88</b>	3.48	0.59	<b>1.62</b>	0.76	0.84	
<b>BKHDTU</b>	<b>2.87</b>	0.24	0.26	<b>0.70</b>	-0.85	1.07	<b>1.47</b>	-0.60	0.37	<b>0.20</b>	-0.38	0.00	<b>1.30</b>	-0.62	0.74	
<b>C932XC</b>	<b>2.27</b>	-0.77	0.37	<b>0.83</b>	0.00	0.12	<b>2.19</b>	0.77	0.32	<b>0.36</b>	0.55	0.62	<b>1.48</b>	0.15	1.29	
<b>CE7RKN</b>	<b>2.45</b>	-0.47	0.19	<b>0.82</b>	-0.11	0.06	<b>2.03</b>	0.48	0.26	<b>0.16</b>	-0.60	0.00	<b>1.47</b>	0.12	0.04	
<b>DRRH26</b>	<b>2.38</b>	-0.59	0.19	<b>0.77</b>	-0.43	0.08	<b>1.87</b>	0.16	0.41	<b>0.56</b>	1.66	0.00	<b>1.58</b>	0.55	0.37	
<b>FBV7XL</b>	<b>2.03</b>	-1.17	0.26	<b>0.67</b>	-1.06	0.62	<b>1.50</b>	-0.54	0.65	<b>0.23</b>	-0.19	1.42	<b>1.10</b>	-1.47	0.00	
<b>FLDNVY</b>	<b>3.33</b>	1.02	0.26	<b>0.83</b>	0.00	0.62	<b>1.83</b>	0.10	0.75	<b>0.23</b>	-0.19	1.42	<b>1.33</b>	-0.48	0.43	
<b>HDAM7F</b>	<b>2.71</b>	-0.02	0.25	<b>0.88</b>	0.30	0.65	<b>1.69</b>	-0.18	0.54	<b>0.27</b>	0.00	1.02	<b>1.36</b>	-0.36	0.41	
<b>JHJX2V</b>	<b>3.50</b>	1.30	0.61	<b>0.87</b>	0.25	0.51	<b>1.56</b>	-0.42	0.41	<b>0.20</b>	-0.35	0.68	<b>1.32</b>	-0.54	0.59	
<b>JHMF32</b>	<b>3.19</b>	0.78	4.36	<b>0.91</b>	0.46	4.09	<b>1.94</b>	0.29	4.48	<b>0.15</b>	-0.64	0.43	<b>1.45</b>	0.01	3.84	
<b>JKTZQ2</b>	<b>4.12</b>	2.35	0.28	<b>1.30</b>	2.98	1.33	<b>2.59</b>	1.53	0.66	<b>0.63</b>	2.04	0.66	<b>1.96</b>	2.20	0.64	
<b>K8JPY6</b>	<b>2.74</b>	0.02	0.30	<b>0.69</b>	-0.93	0.40	<b>2.56</b>	1.47	1.17	<b>0.28</b>	0.07	0.87	<b>1.44</b>	-0.01	0.78	
<b>M4WU6B</b>	<b>2.66</b>	-0.12	0.48	<b>0.96</b>	0.79	0.82	<b>2.22</b>	0.83	1.00	<b>0.32</b>	0.28		<b>1.51</b>	0.29	0.52	
<b>MPRNWX</b>	<b>3.40</b>	1.14	0.15	<b>0.87</b>	0.25	0.22	<b>2.13</b>	0.66	0.13	<b>0.26</b>	-0.02	0.62	<b>1.55</b>	0.46	0.11	
<b>NC2EMX</b>	<b>2.87</b>	0.25	1.57	<b>0.68</b>	-0.95	1.21	<b>1.42</b>	-0.68	0.82	<b>0.26</b>	-0.04	3.21	<b>1.40</b>	-0.18	2.83	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NGUHF2</b>	<b>2.97</b>	0.40	0.26	<b>0.79</b>	-0.28	0.11	<b>1.65</b>	-0.26	0.31	<b>0.28</b>	0.06	0.37	<b>1.55</b>	0.46	0.37	
<b>NQFN7E</b>	<b>2.51</b>	-0.37	0.09	<b>0.85</b>	0.11	0.21	<b>1.42</b>	-0.70	0.49	<b>0.54</b>	1.55	0.25	<b>1.23</b>	-0.93	0.15	
<b>NVC7PZ</b>	<b>3.47</b>	1.25	1.61	<b>0.66</b>	-1.13	1.56	<b>1.37</b>	-0.79	0.87	<b>0.11</b>	-0.91	1.48	<b>1.15</b>	-1.24	0.95	
<b>QVRACQ</b>	<b>2.41</b>	-0.53	0.08	<b>0.69</b>	-0.92	0.41	<b>1.43</b>	-0.68	0.55	<b>0.11</b>	-0.90	0.49	<b>1.20</b>	-1.05	1.21	
<b>R732FQ</b>	<b>2.64</b>	-0.14	0.16	<b>0.87</b>	0.23	0.21	<b>2.56</b>	1.47	0.23	<b>0.48</b>	1.21	0.65	<b>1.76</b>	1.35	0.04	
<b>RCPNBV</b>	<b>2.91</b>	0.32	0.70	<b>1.04</b>	1.33	1.82	<b>2.18</b>	0.76	0.57	<b>0.27</b>	0.02	1.39	<b>1.62</b>	0.73	1.50	
<b>REHMKN</b>	<b>2.06</b>	-1.13	1.19	<b>0.77</b>	-0.42	0.12	<b>1.44</b>	-0.65	0.42	<b>0.31</b>	0.25	0.25	<b>1.21</b>	-1.01	0.24	
<b>RQB4DV</b>	<b>3.70</b>	1.65	0.51	<b>1.03</b>	1.24	0.38	<b>1.77</b>	-0.03	0.28	<b>0.33</b>	0.35	0.96	<b>1.43</b>	-0.06	0.54	
<b>VABCVP</b>	<b>2.53</b>	-0.33	0.68	<b>0.73</b>	-0.64	1.98	<b>2.75</b>	1.85	1.63	<b>0.51</b>	1.37		<b>1.61</b>	0.72	0.77	
<b>WJDZBT</b>	<b>2.26</b>	-0.80	0.19	<b>0.63</b>	-1.30	0.59	<b>1.41</b>	-0.70	0.32	<b>0.09</b>	-1.00	0.31	<b>1.05</b>	-1.69	0.29	
<b>WM898M</b>	<b>3.98</b>	2.12	0.50	<b>0.77</b>	-0.40	0.00	<b>1.72</b>	-0.13	0.23	<b>0.24</b>	-0.12	0.47	<b>1.47</b>	0.10	0.85	
<b>X3LMCR</b>	<b>2.97</b>	0.40	0.53	<b>0.80</b>	-0.21	0.00	<b>2.73</b>	1.81	0.75	<b>0.37</b>	0.57	1.42	<b>1.87</b>	1.79	1.13	
<b>X6BTWN</b>	<b>3.43</b>	1.19	0.53	<b>0.80</b>	-0.21	0.00	<b>1.73</b>	-0.09	0.37	<b>0.30</b>	0.19	0.00	<b>1.47</b>	0.09	0.43	
<b>XEDFF9</b>	<b>2.97</b>	0.42	0.14	<b>1.06</b>	1.42	0.64	<b>1.83</b>	0.09	0.88	<b>0.54</b>	1.53	0.48	<b>1.49</b>	0.20	0.24	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	<b>Grand Median</b>	2.73			0.83			1.78			0.27			1.45		
<b>Median Abs Dev</b>	0.27			0.07			0.33			0.09			0.13			
<b>Avg Within Lab SD</b>	0.22			0.09			0.15			0.04			0.14			
<b>Labs Included</b>	40			39			40			39			40			
<b>Labs Reporting</b>	40			40			40			40			40			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3GMUC4</b>	<b>11.2</b>	0.6	0.8	<b>9.6</b>	-0.5	1.0	<b>6.1</b>	-0.4	0.4	<b>3.6</b>	-0.4	0.3	<b>15.3</b>	0.0	1.2
<b>3GNWVG</b>	<b>13.6</b>	1.7	0.6	<b>11.6</b>	1.0	0.1	<b>8.5</b>	0.3	0.3	<b>4.3</b>	0.0	0.4	<b>19.7</b>	0.7	0.1
<b>4YJWBK</b>	<b>9.3</b>	-0.3	0.2	<b>10.8</b>	0.3	0.2	<b>6.1</b>	-0.4	0.1	<b>3.9</b>	-0.3	0.0	<b>10.9</b>	-0.8	0.1
<b>62PGXK</b>	<b>8.6</b>	-0.6	0.1	<b>10.2</b>	-0.1	0.6	<b>9.6</b>	0.6	0.6	<b>8.4</b>	2.7	0.5	<b>16.0</b>	0.1	0.4
<b>8HMNYQ</b>	<b>9.9</b>	0.0	0.3	<b>11.7</b>	1.0	0.2	<b>10.0</b>	0.7	0.3	<b>4.1</b>	-0.1	0.2	<b>15.9</b>	0.1	0.3
<b>8YWAN8</b>	<b>8.2</b>	-0.8	0.1	<b>8.8</b>	-1.2	1.1	<b>6.6</b>	-0.3	0.5	<b>4.3</b>	0.0	0.0	<b>13.2</b>	-0.4	0.2
<b>9Q99HT</b>	<b>10.2</b>	0.1	1.6	<b>10.4</b>	0.1	0.7	<b>13.3</b>	1.7	3.6	<b>4.4</b>	0.1	0.7	<b>39.2</b>	<b>4.0X</b>	22.8
<b>AG4E6F</b>	<b>11.1</b>	0.5	0.2	<b>10.1</b>	-0.2	0.4	<b>7.4</b>	0.0	0.1	<b>5.0</b>	0.4	0.2	<b>14.3</b>	-0.2	0.5
<b>AJP7AQ</b>	<b>9.2</b>	-0.4	0.7	<b>10.7</b>	0.3	0.8	<b>5.4</b>	-0.6	0.4	<b>3.9</b>	-0.3	0.8	<b>10.8</b>	-0.8	0.7
<b>B4RBDQ</b>	<b>9.9</b>	0.0	0.5	<b>11.4</b>	0.9	0.9	<b>11.4</b>	1.2	0.4	<b>6.3</b>	1.3	0.3	<b>12.3</b>	-0.5	0.7
<b>BC88YC</b>	<b>7.5</b>	-1.1	0.1	<b>8.5</b>	-1.4	0.2	<b>7.5</b>	0.0	0.1	<b>4.9</b>	0.4	0.1	<b>10.8</b>	-0.8	0.1
<b>BKHDTU</b>	<b>13.3</b>	1.6	1.1	<b>10.3</b>	0.0	1.2	<b>11.3</b>	1.1	0.6	<b>4.0</b>	-0.2		<b>24.0</b>	1.5	0.9
<b>C932XC</b>	<b>8.6</b>	-0.6	0.6	<b>10.5</b>	0.1	0.1	<b>8.9</b>	0.4	1.6	<b>4.8</b>	0.3	0.4	<b>16.0</b>	0.1	0.4
<b>CE7RKN</b>	<b>12.0</b>	1.0	0.2	<b>9.9</b>	-0.3	0.2	<b>12.6</b>	1.5	0.3	<b>5.4</b>	0.7	0.1	<b>26.2</b>	1.8	0.1
<b>DRRH26</b>	<b>11.5</b>	0.7	0.3	<b>10.5</b>	0.1	0.7	<b>10.8</b>	1.0	0.1	<b>3.7</b>	-0.4	0.3	<b>24.2</b>	1.5	0.5
<b>FBV7XL</b>	<b>7.1</b>	-1.3	0.6	<b>9.3</b>	-0.8	1.0	<b>5.1</b>	-0.7	0.5	<b>7.1</b>	1.8	0.6	<b>9.1</b>	-1.1	0.0
<b>FLDNVY</b>	<b>11.0</b>	0.5	0.4	<b>10.0</b>	-0.3	0.3	<b>5.8</b>	-0.5	0.2	<b>3.7</b>	-0.4	0.1	<b>10.4</b>	-0.9	0.2
<b>HDAM7F</b>	<b>9.2</b>	-0.3	0.2	<b>9.9</b>	-0.3	0.7	<b>7.4</b>	0.0	0.3	<b>4.0</b>	-0.2	0.3	<b>16.1</b>	0.1	0.7
<b>JHJX2V</b>	<b>12.3</b>	1.1	0.2	<b>10.4</b>	0.1	0.8	<b>8.2</b>	0.2	0.6	<b>3.5</b>	-0.5	0.3	<b>16.3</b>	0.1	1.1
<b>JHMF32</b>	<b>9.8</b>	-0.1	1.5	<b>9.4</b>	-0.7	0.4	<b>7.7</b>	0.1	0.7	<b>4.1</b>	-0.1	0.4	<b>16.7</b>	0.2	0.5
<b>JKTZQ2</b>	<b>16.1</b>	<b>2.8X</b>	1.6	<b>11.8</b>	1.2	0.4	<b>28.6</b>	<b>6.2X</b>	1.2	<b>6.2</b>	1.2	1.1	<b>45.9</b>	<b>5.2X</b>	0.5
<b>M4WU6B</b>	<b>9.3</b>	-0.3	0.1	<b>10.5</b>	0.1	0.1	<b>11.9</b>	1.3	2.3	<b>4.0</b>	-0.2		<b>21.7</b>	1.1	0.4
<b>NC2EMX</b>	<b>9.8</b>	0.0	2.2	<b>8.6</b>	-1.3	1.2	<b>5.0</b>	-0.7	0.5	<b>1.9</b>	-1.5	0.4	<b>9.1</b>	-1.1	0.5
<b>NGUHF2</b>	<b>11.6</b>	0.8	1.0	<b>10.8</b>	0.4	0.7	<b>4.8</b>	-0.8	0.2	<b>3.4</b>	-0.6	0.3	<b>14.4</b>	-0.2	0.5
<b>NQFN7E</b>	<b>7.9</b>	-1.0	0.4	<b>8.3</b>	-1.6	0.1	<b>5.9</b>	-0.5	0.1	<b>6.0</b>	1.1	3.4	<b>9.3</b>	-1.0	0.5
<b>NVC7PZ</b>	<b>12.5</b>	1.1	2.9	<b>9.2</b>	-0.9	3.9	<b>5.6</b>	-0.5	0.5	<b>4.3</b>	0.0	0.6	<b>12.6</b>	-0.5	0.2



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>QVRACQ</b>	<b>8.6</b>	-0.6	0.5	<b>8.7</b>	-1.3	0.8	<b>10.4</b>	0.9	0.3	<b>1.4</b>	-1.8	1.5	<b>17.8</b>	0.4	0.8	
<b>RCPNBV</b>	<b>10.4</b>	0.2	0.8	<b>11.2</b>	0.7	0.4	<b>12.7</b>	1.6	1.5	<b>5.1</b>	0.5	0.5	<b>19.5</b>	0.7	1.2	
<b>REHMKN</b>	<b>7.2</b>	-1.2	1.1	<b>9.9</b>	-0.3	0.6	<b>5.1</b>	-0.7	1.0	<b>6.8</b>	1.6	2.1	<b>11.5</b>	-0.7	0.8	
<b>RQB4DV</b>	<b>13.9</b>	1.8	2.0	<b>11.4</b>	0.8	0.4	<b>7.9</b>	0.1	0.0	<b>4.3</b>	0.0	0.4	<b>18.2</b>	0.5	0.2	
<b>VABCVP</b>	<b>11.2</b>	0.6	0.7	<b>10.9</b>	0.4	2.1	<b>11.9</b>	1.3	2.3	<b>4.2</b>	-0.1	1.6	<b>19.5</b>	0.7	2.7	
<b>WJDZBT</b>	<b>7.2</b>	-1.2	0.2	<b>8.1</b>	-1.7	0.2	<b>3.2</b>	-1.3	0.0	<b>2.7</b>	-1.0	0.4	<b>7.8</b>	-1.3	0.1	
<b>WM898M</b>	<b>9.3</b>	-0.3	1.0	<b>8.2</b>	-1.6	0.1	<b>6.0</b>	-0.5	0.7	<b>3.8</b>	-0.3	0.4	<b>13.0</b>	-0.4	0.9	
<b>X3LMCR</b>	<b>11.0</b>	0.5	1.9	<b>10.3</b>	0.0	1.2	<b>24.3</b>	<b>5.0X</b>	6.7	<b>7.7</b>	2.2	2.5	<b>30.0</b>	2.5	4.0	
<b>X6BTWN</b>	<b>11.6</b>	0.7	0.3	<b>11.2</b>	0.7	1.0	<b>6.7</b>	-0.2	0.6	<b>4.4</b>	0.1	1.1	<b>15.7</b>	0.0	0.4	
<b>XEDFF9</b>	<b>10.0</b>	0.0	0.6	<b>12.5</b>	1.7	1.0	<b>5.0</b>	-0.7	0.2	<b>6.7</b>	1.6	0.5	<b>14.2</b>	-0.2	0.1	

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	9.93			10.3			7.49			4.29			15.5			
<b>Median Abs Dev</b>	1.30			0.8			2.09			0.61			3.6			
<b>Avg Within Lab SD</b>	0.53			0.5			0.96			0.46			1.1			
<b>Labs Included</b>	35			36			34			36			34			
<b>Labs Reporting</b>	36			36			36			36			36			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GMUC4	60.9	0.4	0.8	60.9	-0.4	0.1	5.0	-0.1	0.4	5.7	0.2	0.6	16.3	-0.2	0.9
3GNWVG	65.2	0.7	0.2	71.2	0.0	0.0	5.6	0.2	0.2	4.0	-0.3	0.0	21.7	0.9	0.2
4RKER2	38.7	-0.9	0.2	54.7	-0.6	0.1	4.4	-0.3	0.1	2.6	-0.6	0.1	17.1	-0.1	0.0
4YJWBK	51.5	-0.1	0.2	74.6	0.1	0.0	5.4	0.1	0.2	3.3	-0.5	0.1	16.8	-0.1	0.1
62PGXK	59.3	0.3	0.4	104.0	1.3		5.2	0.0	0.6	11.3	1.6	0.2	17.7	0.1	0.6
8HMNYQ	53.2	0.0	0.3	75.2	0.2	0.0	6.1	0.5	0.5	31.4	6.9X	5.0	19.9	0.5	0.5
8YWAN8	37.0	-1.0	0.2	47.3	-0.9	0.2	4.3	-0.4	0.7	3.0	-0.5		13.0	-0.9	
9Q99HT	97.1	2.6	2.9	134.0	2.4	5.4	5.9	0.4	2.5	8.0	0.8	3.1	19.5	0.4	0.1
AG4E6F	59.8	0.4	0.1	101.2	1.2	0.2	0.1	-2.4	0.0	1.6	-0.9	0.1	9.0	-1.8	0.3
AJP7AQ	45.0	-0.5	0.7	73.0	0.1	0.2	4.5	-0.3	0.8	3.0	-0.5	0.3	15.9	-0.3	0.6
B4RBDQ	80.0	1.6	0.6	223.4	5.9X	1.3	7.0	0.9	0.6	13.8	2.3	0.6	20.5	0.7	2.2
BC88YC	59.0	0.3	0.0	108.6	1.5	0.1	13.5	4.0X	0.5	8.0	0.8	0.1	19.9	0.5	0.4
BKHDTU	68.0	0.8	0.2	78.3	0.3	0.1	6.0	0.4		4.0	-0.3		21.3	0.8	0.6
C932XC	51.0	-0.2	0.4	96.7	1.0	0.0	5.9	0.4	3.4	10.2	1.3	0.8	20.1	0.6	0.2
CE7RKN	97.3	2.6	0.1	98.0	1.0	0.1	4.6	-0.3	0.0	5.1	0.0	0.0	3.5	-3.0X	0.0
DRRH26	53.5	0.0	0.3	62.5	-0.3	0.1	5.4	0.1	0.4	3.7	-0.4	0.2	19.9	0.5	0.4
FBV7XL	39.3	-0.9	0.2	52.7	-0.7	0.3	4.3	-0.4	0.7	6.7	0.4	0.5	12.7	-1.0	0.6
FLDNVY	54.2	0.0	0.5	53.4	-0.7	0.5	4.1	-0.5	0.2	3.1	-0.5	0.1	12.5	-1.0	0.3
HDAM7F	52.7	-0.1	0.5	71.0	0.0	0.3	5.5	0.2	0.1	4.0	-0.3	0.2	20.0	0.6	0.3
JHJX2V	63.0	0.5	0.5	64.5	-0.3	0.5	4.0	-0.5	0.3	2.8	-0.6	0.3	15.7	-0.4	1.3
JHMF32	54.1	0.0	1.5	68.2	-0.1	0.6	3.5	-0.7	0.7	2.9	-0.6	0.4	16.5	-0.2	0.1
JKTZQ2	83.8	1.8	2.8	100.2	1.1	0.7	6.4	0.6	0.3	10.4	1.4	0.5	24.4	1.5	1.2
M4WU6B	68.9	0.9		67.0	-0.2		7.3	1.0					19.3	0.4	
NC2EMX	46.7	-0.4	1.1	45.7	-1.0	0.5	4.1	-0.5	2.2	1.8	-0.9	0.3	12.5	-1.0	0.9
NGUHF2	68.3	0.9	0.4	67.0	-0.2	0.2	5.0	0.0	0.1	5.2	0.0	0.7	17.8	0.1	0.3
NQFN7E	46.3	-0.4	0.1	74.6	0.1	0.1	6.2	0.5	0.5	6.8	0.4	1.0	15.2	-0.5	0.8



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NVC7PZ</b>	<b>52.1</b>	-0.1	0.5	<b>52.1</b>	-0.7	0.5	<b>3.1</b>	-1.0	0.7	<b>6.5</b>	0.4	2.6	<b>13.5</b>	-0.8	1.7	
<b>QVRACQ</b>	<b>41.0</b>	-0.8	0.1	<b>54.0</b>	-0.7	0.3	<b>4.2</b>	-0.4	0.4	<b>2.4</b>	-0.7	0.2	<b>14.9</b>	-0.5	0.3	
<b>RCPNBV</b>	<b>49.7</b>	-0.2	1.3	<b>106.9</b>	1.4	0.7	<b>6.3</b>	0.6	0.8	<b>5.5</b>	0.1	0.3	<b>19.0</b>	0.3	0.6	
<b>REHMKN</b>	<b>36.5</b>	-1.0	0.4	<b>60.2</b>	-0.4	0.4	<b>4.0</b>	-0.5	0.3	<b>5.7</b>	0.2	0.7	<b>15.7</b>	-0.4	1.0	
<b>RQB4DV</b>	<b>68.7</b>	0.9	0.4	<b>74.5</b>	0.1	0.3	<b>6.1</b>	0.4	0.1	<b>3.4</b>	-0.4	0.2	<b>18.8</b>	0.3	0.6	
<b>VABCVP</b>	<b>71.6</b>	1.1	3.1	<b>77.5</b>	0.2	1.0	<b>12.5</b>	3.5	1.9	<b>5.5</b>	0.1	1.4	<b>23.7</b>	1.3	0.9	
<b>WJDZBT</b>	<b>42.6</b>	-0.7	0.2	<b>44.7</b>	-1.0	0.0	<b>2.9</b>	-1.1	0.1	<b>8.3</b>	0.9	0.4	<b>9.8</b>	-1.6	0.2	
<b>WM898M</b>	<b>49.9</b>	-0.2	0.3	<b>55.9</b>	-0.6	0.2	<b>3.9</b>	-0.6	0.5	<b>3.3</b>	-0.5	0.1	<b>15.4</b>	-0.4	0.2	
<b>X3LMCR</b>	<b>43.3</b>	-0.6	0.6	<b>71.7</b>	0.0	0.7	<b>11.0</b>	2.8	1.3	<b>13.0</b>	2.1	3.0	<b>25.0</b>	1.6	3.9	
<b>X6BTWN</b>	<b>59.0</b>	0.3	0.4	<b>64.3</b>	-0.3	0.0	<b>5.4</b>	0.1	0.1	<b>4.6</b>	-0.1	0.1	<b>19.2</b>	0.4	0.2	
<b>XEDFF9</b>	<b>104.4</b>	<b>3.0X</b>	0.8	<b>150.1</b>	3.1	0.6	<b>1.5</b>	-1.7	0.1	<b>13.0</b>	2.1	0.7	<b>10.8</b>	-1.4	0.1	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	53.8			71.1			5.12			5.07			17.4			
<b>Median Abs Dev</b>	9.0			13.1			0.97			1.94			2.5			
<b>Avg Within Lab SD</b>	6.6			9.0			0.77			1.15			0.9			
<b>Labs Included</b>	36			36			36			35			36			
<b>Labs Reporting</b>	37			37			37			36			37			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3GMUC4	0.26	0.66	0.44	0.33	0.37	1.82	0.47	-0.26	0.90	0.19	-0.04	0.75	0.62	-0.08	0.47	
3GNWVG	0.24	0.43	0.24	0.32	0.29	0.22	0.56	0.17	0.30	0.20	0.01	0.00	0.73	0.52	0.11	
4RKER2	0.19	-0.11	0.00	0.14	-1.12	0.22	0.34	-0.85	0.41	0.05	-0.65	0.11	0.52	-0.61	0.11	
4YJWBK	0.20	0.00	0.00	0.30	0.16	0.00	0.50	-0.10		0.10	-0.43	0.00	0.53	-0.56	1.15	
62PGXK	0.25	0.58	0.54	0.40	0.98	0.89	0.56	0.20	1.09	0.62	1.86	1.03	0.69	0.29	0.64	
8HMNYQ	0.10	-1.09	0.00	0.20	-0.63	0.00	0.50	-0.10					0.60	-0.19	0.00	
8YWAN8	0.14	-0.69	0.14	0.18	-0.78	0.39	0.52	-0.01	0.00	0.16	-0.16	0.00	0.59	-0.24	0.00	
9Q99HT	0.18	-0.24	0.43	0.27	-0.06	1.54	0.59	0.33	2.41	0.19	-0.01	0.47	0.68	0.24	1.01	
AG4E6F	0.22	0.22	0.24	0.29	0.11	0.45	0.68	0.77	0.30	1.08	3.92	0.89	0.65	0.11	0.41	
AJP7AQ	0.10	-1.08	0.64	0.20	-0.60	1.21	0.40	-0.56	0.84	-0.07	-1.17	2.55	0.49	-0.79	0.59	
B4RBDQ	0.84	6.97X	3.17	4.02	29.45X	204.38	2.07	7.39X	1.64	3.30	13.76X	4.65	1.71	5.98X	3.03	
BC88YC	0.47	2.94	0.21	0.33	0.36	0.55	0.70	0.86	0.38	1.06	3.82	0.82	0.71	0.43	0.46	
BKHDTU	0.50	3.26		0.40	0.95	0.00	0.70	0.85	0.00	0.53	1.49	1.42	0.80	0.92	0.00	
C932XC	0.16	-0.47	0.49	0.30	0.14	0.22	0.67	0.71	0.39	0.43	1.02	0.93	0.64	0.05	0.23	
CE7RKN	0.09	-1.23	0.14	0.16	-0.97	0.45	0.52	0.01	0.46	0.15	-0.21	0.00	0.66	0.15	0.20	
DRRH26	0.23	0.33	0.00	0.34	0.48	0.55	0.69	0.80	0.84	0.22	0.10	0.35	0.76	0.67	0.42	
FBV7XL	0.23	0.36	5.43	0.13	-1.15	2.23	0.37	-0.74	1.14	0.30	0.46	0.00	0.53	-0.56	2.29	
FLDNVY	0.20	0.00	0.00	0.27	-0.10	2.23	0.47	-0.26	1.14	0.20	0.01	0.00	0.53	-0.56	1.15	
HDAM7F	0.27	0.72	0.54	0.40	0.92	0.81	0.62	0.48	0.11	0.21	0.07	0.51	0.75	0.65	0.72	
JHJX2V	0.28	0.85	0.04	0.24	-0.28	0.15	0.52	-0.01	1.14	0.11	-0.40	0.11	0.60	-0.17	0.64	
JHMF32	0.11	-1.02	0.24	0.13	-1.19	1.92	0.25	-1.29	2.82	0.09	-0.49	0.63	0.32	-1.72	4.28	
JKTZQ2	0.31	1.18	0.31	0.39	0.88	0.83	0.85	1.56	0.83	0.43	1.03	0.49	0.96	1.82	0.49	
M4WU6B	1.08	9.60X		0.86	4.60		1.09	2.72					1.04	2.26		
NC2EMX	0.15	-0.58	0.49	0.13	-1.18	0.39	0.37	-0.74	0.82	0.08	-0.50	0.62	0.49	-0.80	0.53	
NGUHF2	0.25	0.54		0.29	0.06	0.45	0.58	0.29	0.57	0.22	0.12	0.14	0.77	0.76	0.34	
NQFN7E	0.17	-0.36	0.14	0.25	-0.21	0.22	0.48	-0.21	0.50	0.30	0.47	0.38	0.48	-0.84	0.30	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NVC7PZ</b>	<b>0.13</b>	-0.75	0.45	<b>0.10</b>	-1.42	0.04	<b>0.28</b>	-1.16	0.63	<b>0.23</b>	0.15	2.41	<b>0.38</b>	-1.40	0.32	
<b>QVRACQ</b>	<b>0.20</b>	-0.03	0.46	<b>0.23</b>	-0.40	0.66	<b>0.52</b>	0.01	0.80	<b>0.12</b>	-0.33	0.55	<b>0.61</b>	-0.14	0.44	
<b>RCPNBV</b>	<b>0.23</b>	0.29	0.52	<b>0.30</b>	0.15	1.21	<b>0.58</b>	0.26	1.07	<b>0.08</b>	-0.54	1.78	<b>0.68</b>	0.24	0.64	
<b>REHMKN</b>	<b>0.16</b>	-0.40	0.36	<b>0.23</b>	-0.39	0.77	<b>0.37</b>	-0.74	1.09	<b>0.14</b>	-0.27	0.38	<b>0.52</b>	-0.65	0.80	
<b>RQB4DV</b>	<b>0.25</b>	0.49	0.45	<b>0.25</b>	-0.21	0.29	<b>0.48</b>	-0.18	0.44	<b>0.19</b>	-0.02	0.32	<b>0.62</b>	-0.05	0.64	
<b>VABCVP</b>	<b>0.22</b>	0.25	0.42	<b>0.29</b>	0.10	1.04	<b>1.06</b>	2.58	1.51	<b>0.28</b>	0.39	2.66	<b>0.90</b>	1.48	0.23	
<b>WJDZBT</b>	<b>0.11</b>	-0.96	0.18	<b>0.14</b>	-1.07	0.48	<b>0.34</b>	-0.86	0.33	<b>0.14</b>	-0.24	0.19	<b>0.41</b>	-1.23	0.03	
<b>WM898M</b>	<b>0.17</b>	-0.33	0.14	<b>0.20</b>	-0.61	0.58	<b>0.42</b>	-0.48	0.40	<b>0.14</b>	-0.27	0.25	<b>0.55</b>	-0.45	0.52	
<b>X3LMCR</b>	<b>0.20</b>	0.00	0.00	<b>0.31</b>	0.23	0.81	<b>1.06</b>	2.55	1.22	<b>0.36</b>	0.71	0.83	<b>1.02</b>	2.15	1.04	
<b>X6BTWN</b>	<b>0.30</b>	1.09	0.00	<b>0.33</b>	0.42	2.23	<b>0.47</b>	-0.26	1.14	<b>0.17</b>	-0.13	1.42	<b>0.67</b>	0.18	1.15	
<b>XEDFF9</b>	<b>0.21</b>	0.07	0.10	<b>0.37</b>	0.73	0.69	<b>0.59</b>	0.31	0.48	<b>0.52</b>	1.44	0.55	<b>0.69</b>	0.33	0.17	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.20			0.28			0.52			0.20			0.63			
<b>Median Abs Dev</b>	0.05			0.06			0.10			0.09			0.10			
<b>Avg Within Lab SD</b>	0.04			0.03			0.05			0.04			0.05			
<b>Labs Included</b>	35			36			36			34			36			
<b>Labs Reporting</b>	37			37			37			35			37			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DRRH26</b>	<b>3.29</b>		0.67	<b>1.29</b>		0.69	<b>1.59</b>		0.38	<b>1.20</b>		0.30	<b>3.13</b>		0.42	
<b>NC2EMX</b>	<b>2.87</b>		1.25	<b>0.68</b>		1.23	<b>1.42</b>		1.36	<b>0.26</b>		1.38	<b>1.40</b>		1.35	
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	3.08			0.98			1.50			0.73			2.26			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.27			0.09			0.09			0.09			0.28			
<b>Labs Included</b>	2			2			2			2			2			
<b>Labs Reporting</b>	2			2			2			2			2			





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cl - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>5.33</b>	0.08	0.71	<b>4.50</b>	-1.28	0.84	<b>91.80</b>	-0.29	0.30	<b>11.27</b>	0.00	0.89	<b>11.77</b>	0.06	0.52	
<b>8HMNYQ</b>	<b>3.60</b>	-1.49	0.80	<b>4.97</b>	-0.72	0.62	<b>101.07</b>	0.18	1.06	<b>19.53</b>	1.54	1.03	<b>11.60</b>	-0.13	0.42	
<b>8YWAN8</b>	<b>5.17</b>	-0.08	0.25	<b>4.57</b>	-1.20	0.25	<b>89.97</b>	-0.39	0.13	<b>15.57</b>	0.80	0.11	<b>12.23</b>	0.58	0.09	
<b>BC88YC</b>	<b>0.32</b>	-4.45X	0.09	<b>0.60</b>	-6.04X	0.10	<b>41.52</b>	-2.85X	0.97	<b>8.29</b>	-0.55	0.71	<b>2.63</b>	-10.28X	0.24	
<b>CL9R26</b>	<b>6.80</b>	1.40	1.76	<b>7.13</b>	1.93	1.22	<b>75.00</b>	-1.15	1.22	<b>12.23</b>	0.18	2.11	<b>11.37</b>	-0.40	2.30	
<b>HDAM7F</b>	<b>4.30</b>	-0.86	1.34	<b>5.53</b>	-0.02	0.52	<b>94.03</b>	-0.18	1.23	<b>6.90</b>	-0.81	0.65	<b>11.93</b>	0.25	0.19	
<b>NGUHF2</b>	<b>5.33</b>	0.08	0.64	<b>5.67</b>	0.14	0.94	<b>115.00</b>	0.89	0.84	<b>5.33</b>	-1.10	1.08	<b>11.67</b>	-0.06	0.93	
<b>RQB4DV</b>	<b>5.80</b>	0.49	0.82	<b>5.62</b>	0.08	0.34	<b>125.44</b>	1.42	0.82	<b>15.76</b>	0.83	0.26	<b>13.19</b>	1.67	1.10	
<b>X6BTWN</b>	<b>4.21</b>	-0.94	0.90	<b>5.57</b>	0.02	2.02	<b>115.33</b>	0.90	1.54	<b>9.92</b>	-0.25	0.74	<b>9.72</b>	-2.26	0.37	

Cl - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	5.25			5.55			97.6			11.3			11.7			
<b>Median Abs Dev</b>	0.75			0.35			12.5			4.3			0.3			
<b>Avg Within Lab SD</b>	0.45			0.62			3.6			0.5			0.6			
<b>Labs Included</b>	8			8			8			9			8			
<b>Labs Reporting</b>	9			9			9			9			9			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8FXGET</b>	<b>0.13</b>	0.11		<b>0.23</b>	0.43		<b>2.66</b>	0.68		<b>0.29</b>	0.53		<b>0.93</b>	0.27	
<b>9Q99HT</b>	<b>0.16</b>	0.43	0.83	<b>0.15</b>	-0.20	0.75	<b>1.35</b>	-0.80	1.37	<b>0.22</b>	-0.12	1.84	<b>0.62</b>	-0.80	1.15
<b>AG4E6F</b>	<b>0.37</b>	3.01	0.56	<b>0.24</b>	0.56	0.42	<b>1.83</b>	-0.26	0.11	<b>0.11</b>	-1.18	0.17	<b>0.66</b>	-0.66	0.07
<b>ANZDBV</b>							<b>2.78</b>	0.81	1.09	<b>0.34</b>	1.02		<b>1.02</b>	0.58	1.63
<b>BC88YC</b>	<b>0.09</b>	-0.31	0.36	<b>0.10</b>	-0.66	0.24	<b>3.15</b>	1.23	1.09	<b>0.34</b>	1.09	0.54	<b>0.87</b>	0.06	0.84
<b>BKHDTU</b>	<b>0.20</b>	0.96	0.00	<b>0.20</b>	0.21	0.00				<b>0.20</b>	-0.32	0.00	<b>0.70</b>	-0.53	1.16
<b>C932XC</b>	<b>0.07</b>	-0.56	1.41	<b>0.05</b>	-1.09	0.24	<b>1.06</b>	-1.13	0.63	<b>0.11</b>	-1.24	1.04	<b>0.32</b>	-1.83	0.68
<b>DKQEL7</b>				<b>0.13</b>	-0.41	0.00	<b>1.67</b>	-0.44	0.28	<b>0.19</b>	-0.45	0.17	<b>0.78</b>	-0.24	0.24
<b>DRRH26</b>	<b>0.12</b>	0.00		<b>0.08</b>	-0.86		<b>0.49</b>	-1.77		<b>0.09</b>	-1.41		<b>0.10</b>	-2.61	
<b>ELYW99</b>	<b>0.03</b>	-1.12	0.61	<b>0.09</b>	-0.76	0.22	<b>2.99</b>	1.05	1.43	<b>0.21</b>	-0.19	0.44	<b>1.14</b>	0.99	0.24
<b>HDAM7F</b>				<b>0.37</b>	1.74	0.64	<b>2.04</b>	-0.02	0.67	<b>0.29</b>	0.60	0.17	<b>0.90</b>	0.15	0.47
<b>JE2Z7E</b>	<b>0.09</b>	-0.38	0.21	<b>0.26</b>	0.78	0.46	<b>2.67</b>	0.69	0.27	<b>0.24</b>	0.06	0.32	<b>0.91</b>	0.20	0.52
<b>JKTZQ2</b>	<b>0.11</b>	-0.07	0.35	<b>0.18</b>	0.05	0.34	<b>1.87</b>	-0.21	0.21	<b>0.20</b>	-0.33	0.27	<b>0.81</b>	-0.15	0.54
<b>JUGU3X</b>	<b>0.12</b>	-0.03	0.13	<b>0.14</b>	-0.33	0.18	<b>2.52</b>	0.51	0.10	<b>0.32</b>	0.88	0.10	<b>1.00</b>	0.50	0.38
<b>KLXV4C</b>	<b>0.11</b>	-0.12		<b>0.14</b>	-0.30	1.21	<b>2.46</b>	0.45	1.63	<b>0.22</b>	-0.09	0.90	<b>1.00</b>	0.51	2.21
<b>NBPLQA</b>	<b>0.12</b>	0.00		<b>0.16</b>	-0.12	0.24	<b>2.35</b>	0.33	0.42	<b>0.24</b>	0.11	0.90	<b>0.72</b>	-0.46	1.87
<b>NNA4JD</b>	<b>0.06</b>	-0.76	0.32	<b>0.18</b>	0.06	0.48	<b>2.17</b>	0.12	0.69	<b>0.20</b>	-0.32	0.00	<b>0.86</b>	0.03	0.35
<b>QVRACQ</b>	<b>0.21</b>	1.03	1.54	<b>0.33</b>	1.37	2.50	<b>3.65</b>	1.80	2.39	<b>0.41</b>	1.77	2.85	<b>1.26</b>	1.40	0.74
<b>RCPNBV</b>	<b>0.05</b>	-0.80	0.32	<b>0.01</b>	-1.51	0.10	<b>1.38</b>	-0.77	0.84	<b>0.15</b>	-0.85	0.07	<b>0.55</b>	-1.04	0.74
<b>RQB4DV</b>	<b>0.25</b>	1.61	1.21	<b>0.27</b>	0.79	0.96	<b>1.98</b>	-0.10	0.21	<b>0.31</b>	0.79	0.94	<b>0.87</b>	0.06	0.62
<b>WM898M</b>	<b>0.22</b>	1.21	2.30	<b>0.35</b>	1.51	2.94	<b>2.06</b>	0.00	1.14	<b>0.33</b>	0.98	1.58	<b>0.77</b>	-0.27	1.08
<b>WR4PP9</b>	<b>0.07</b>	-0.64	1.62	<b>0.15</b>	-0.24	0.00	<b>1.88</b>	-0.20	1.51	<b>0.25</b>	0.17		<b>0.73</b>	-0.42	1.34
<b>XEDFF9</b>	<b>0.17</b>	0.61	0.86	<b>0.35</b>	1.53	0.33	<b>3.80</b>	1.97	0.21	<b>0.40</b>	1.64	0.76	<b>1.55</b>	2.40	1.09
<b>XZCJK2</b>	<b>0.15</b>	0.36	0.79	<b>0.18</b>	0.00	1.28	<b>1.90</b>	-0.18	0.47	<b>0.23</b>	-0.06	1.04	<b>0.84</b>	-0.03	0.57



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

<b>B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups</b>						<b>Data units: mg/kg</b>
	SRS1706	SRS1707	SRS1708	SRS1709	SRS1710	
<b>Grand Median</b>	0.12	0.18	2.06	0.23	0.85	
<b>Median Abs Dev</b>	0.05	0.06	0.46	0.06	0.14	
<b>Avg Within Lab SD</b>	0.02	0.02	0.22	0.03	0.09	
<b>Labs Included</b>	21	23	23	24	24	
<b>Labs Reporting</b>	21	23	23	24	24	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>0.19</b>	0.48	0.10	<b>0.13</b>	0.00	0.83	<b>1.87</b>	-0.06	0.24	<b>0.10</b>	0.00	1.16	<b>0.50</b>	0.33	0.58	
<b>3GNWVG</b>	<b>0.07</b>	-0.54	0.14	<b>0.03</b>	-0.72	0.00	<b>1.46</b>	-0.96	0.19	<b>0.08</b>	-0.24	0.00	<b>0.45</b>	-0.12	0.19	
<b>4YJWBK</b>	<b>0.30</b>	1.45	0.00	<b>0.40</b>	1.84	0.00	<b>1.93</b>	0.06	0.63	<b>0.10</b>	0.00	0.00	<b>0.47</b>	0.04	1.94	
<b>8HMNYQ</b>							<b>2.83</b>	2.02	0.63	<b>0.10</b>	0.00		<b>0.60</b>	1.11	0.00	
<b>8YWAN8</b>	<b>0.02</b>	-0.94	0.00	<b>0.03</b>	-0.72	0.00	<b>2.28</b>	0.82	0.67	<b>0.09</b>	-0.12	0.00	<b>0.45</b>	-0.07	0.19	
<b>AJP7AQ</b>	<b>0.08</b>	-0.40	3.09	<b>0.05</b>	-0.59		<b>2.00</b>	0.20	1.51	<b>0.04</b>	-0.75		<b>0.51</b>	0.41	2.17	
<b>FBV7XL</b>	<b>0.13</b>	0.00	0.00	<b>0.19</b>	0.41	0.47	<b>1.62</b>	-0.62	1.54	<b>0.09</b>	-0.12	0.66	<b>0.31</b>	-1.19	1.27	
<b>FLDNVY</b>	<b>0.03</b>	-0.86	0.04	<b>0.02</b>	-0.76	0.13	<b>2.05</b>	0.31	0.65	<b>0.07</b>	-0.31	0.15	<b>0.39</b>	-0.54	0.27	
<b>NC2EMX</b>	<b>0.09</b>	-0.31	0.80	<b>0.08</b>	-0.35	0.64	<b>1.81</b>	-0.20	1.97	<b>0.19</b>	1.02	3.31	<b>0.46</b>	-0.04	0.51	
<b>NGUHF2</b>	<b>0.22</b>	0.74	0.72	<b>0.27</b>	0.92	0.89	<b>1.87</b>	-0.08	0.63	<b>0.16</b>	0.71	0.33	<b>0.57</b>	0.87	0.34	
<b>NQFN7E</b>	<b>0.45</b>	2.76	0.63	<b>0.50</b>	2.54	0.61	<b>1.80</b>	-0.22	1.15	<b>0.40</b>	3.53	0.66	<b>0.63</b>	1.33	0.84	
<b>REHMKN</b>	<b>0.11</b>	-0.14	0.63	<b>0.20</b>	0.46	0.61	<b>1.58</b>	-0.70	1.35	<b>0.07</b>	-0.31	0.19	<b>0.37</b>	-0.71	1.69	
<b>VABCVP</b>	<b>0.22</b>	0.79	1.13	<b>0.19</b>	0.41	3.21	<b>2.84</b>	2.03	1.40	<b>0.36</b>	3.02	0.63	<b>0.65</b>	1.48	0.50	
<b>WJDZBT</b>	<b>0.11</b>	-0.20	0.01	<b>0.10</b>	-0.21	0.18	<b>1.53</b>	-0.81	0.41	<b>0.05</b>	-0.56	0.07	<b>0.30</b>	-1.31	0.19	
<b>X3LMCR</b>	<b>0.15</b>	0.16	1.45	<b>0.12</b>	-0.11	0.73	<b>2.62</b>	1.56	0.22	<b>0.11</b>	0.07	0.17	<b>0.60</b>	1.10	1.09	
<b>X6BTWN</b>	<b>0.17</b>	0.34	0.25	<b>0.14</b>	0.06	0.47	<b>1.96</b>	0.13	0.13	<b>0.10</b>	0.04	0.50	<b>0.44</b>	-0.15	0.19	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.13			0.13			1.90			0.10			0.46			
<b>Median Abs Dev</b>	0.06			0.07			0.22			0.02			0.08			
<b>Avg Within Lab SD</b>	0.04			0.03			0.09			0.03			0.03			
<b>Labs Included</b>	15			15			16			16			16			
<b>Labs Reporting</b>	15			15			16			16			16			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>C932XC</b>	<b>0.07</b>	1.23	0.91	<b>0.17</b>	1.66	1.10	<b>0.35</b>	-0.55	0.00	<b>0.08</b>	1.03	1.98	<b>0.21</b>	-0.39	0.55		
<b>CE7RKN</b>	<b>0.05</b>	-0.31	0.09	<b>0.16</b>	0.64	0.38	<b>0.42</b>	1.21	0.05	<b>0.08</b>	0.85	0.34	<b>0.23</b>	0.58	0.22		
<b>FWV6LK</b>	<b>0.07</b>	1.25	0.61	<b>0.16</b>	0.59	2.18	<b>0.34</b>	-0.81	0.66	<b>0.07</b>	0.08	0.39	<b>0.21</b>	-0.57	0.71		
<b>HDAM7F</b>	<b>0.05</b>	0.18	0.36	<b>0.15</b>	-0.30	0.44	<b>0.36</b>	-0.29	0.99	<b>0.06</b>	-0.08	0.91	<b>0.22</b>	0.01	1.50		
<b>JUGU3X</b>	<b>0.04</b>	-0.48	0.24	<b>0.15</b>	-0.53	0.93	<b>0.40</b>	0.77	0.52	<b>0.06</b>	-0.09	0.49	<b>0.25</b>	1.03	0.55		
<b>NC2EMX</b>	<b>0.06</b>	0.68	2.40	<b>0.16</b>	0.15	1.27	<b>0.44</b>	1.63	2.81	<b>0.07</b>	0.30	1.71	<b>0.26</b>	1.76	2.22		
<b>RCPNBV</b>	<b>0.05</b>	-0.16	1.12	<b>0.15</b>	-0.76	0.26	<b>0.35</b>	-0.57	0.35	<b>0.05</b>	-0.80	1.21	<b>0.19</b>	-1.31	0.48		
<b>X3LMCR</b>	<b>0.05</b>	0.16	0.47	<b>0.15</b>	-0.15	0.19	<b>0.38</b>	0.13	0.14	<b>0.08</b>	0.74	0.30	<b>0.24</b>	0.68	1.14		
<b>X6BTWN</b>	<b>0.03</b>	-1.18	0.33	<b>0.15</b>	-1.10	1.04	<b>0.37</b>	-0.13	0.44	<b>0.04</b>	-1.52	0.36	<b>0.21</b>	-0.41	0.22		
<b>ZU7MVL</b>	<b>0.03</b>	-1.10	1.12	<b>0.16</b>	0.86	0.25	<b>0.40</b>	0.66	0.23	<b>0.04</b>	-1.26	0.36	<b>0.22</b>	-0.01	0.30		

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups						Data units: Percent		
	SRS1706		SRS1707		SRS1708		SRS1709	
<b>Grand Median</b>	0.051		0.16		0.37		0.064	
<b>Median Abs Dev</b>	0.011		0.01		0.02		0.014	
<b>Avg Within Lab SD</b>	0.006		0.01		0.02		0.006	
<b>Labs Included</b>	10		10		10		10	
<b>Labs Reporting</b>	10		10		10		10	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>0.07</b>	0.18	0.24	<b>0.20</b>	0.75	2.24	<b>0.41</b>	0.21	0.47	<b>0.06</b>	-0.41	0.57	<b>0.23</b>	0.06	0.46	
<b>8FXGET</b>	<b>0.06</b>	-0.30	0.00	<b>0.16</b>	-0.16	0.63	<b>0.40</b>	-0.07	2.23	<b>0.07</b>	0.00	1.14	<b>0.21</b>	-1.07	0.76	
<b>B4RBDQ</b>	<b>0.07</b>	0.25	0.93	<b>0.15</b>	-0.36	0.52	<b>0.37</b>	-0.86	0.53	<b>0.07</b>	-0.24	0.26	<b>0.21</b>	-0.84	0.41	
<b>FLDNVY</b>	<b>0.06</b>	-0.14	0.80	<b>0.15</b>	-0.40	0.63	<b>0.40</b>	-0.15	0.88	<b>0.10</b>	1.20	0.00	<b>0.22</b>	-0.50	0.00	
<b>HDAM7F</b>	<b>0.06</b>	-0.42	0.29	<b>0.17</b>	-0.01	0.79	<b>0.42</b>	0.39	0.15	<b>0.08</b>	0.11	0.75	<b>0.23</b>	0.06	0.00	
<b>J4PDHM</b>	<b>0.07</b>	0.34	0.80	<b>0.19</b>	0.47	0.00	<b>0.39</b>	-0.33	1.02	<b>0.07</b>	0.00	1.14	<b>0.23</b>	-0.06	0.00	
<b>JHJX2V</b>	<b>0.06</b>	-0.06	0.67	<b>0.18</b>	0.15	0.63	<b>0.43</b>	0.62	0.65	<b>0.08</b>	0.22	0.62	<b>0.24</b>	0.29	0.79	
<b>JUGU3X</b>	<b>0.17</b>	4.73	2.23	<b>0.27</b>	2.48	1.77	<b>0.45</b>	1.21	0.28	<b>0.17</b>	4.44	0.23	<b>0.30</b>	3.13	1.27	
<b>NC2EMX</b>	<b>0.05</b>	-0.62	0.80	<b>0.02</b>	-3.56	0.00	<b>0.39</b>	-0.41	0.00	<b>0.06</b>	-0.60	0.00	<b>0.21</b>	-0.93	0.00	
<b>NJJU9F</b>	<b>0.05</b>	-0.73	0.24	<b>0.17</b>	0.01	0.55	<b>0.40</b>	-0.16	0.54	<b>0.07</b>	-0.20	0.52	<b>0.22</b>	-0.50	0.91	
<b>REHMKN</b>	<b>0.07</b>	0.06	0.95	<b>0.16</b>	-0.16	0.52	<b>0.31</b>	-2.52	0.93	<b>0.10</b>	1.28	2.04	<b>0.21</b>	-1.09	0.89	
<b>RQB4DV</b>	<b>0.06</b>	-0.50	0.06	<b>0.17</b>	-0.11	0.27	<b>0.41</b>	0.07	0.19	<b>0.07</b>	-0.23	0.15	<b>0.24</b>	0.21	0.23	
<b>X3LMCR</b>	<b>0.09</b>	0.97	2.12	<b>0.19</b>	0.55	1.67	<b>0.46</b>	1.32	2.23	<b>0.07</b>	0.00	2.28	<b>0.24</b>	0.37	2.63	
<b>XEDFF9</b>	<b>0.07</b>	0.15	0.46	<b>0.18</b>	0.27	0.58	<b>0.45</b>	1.13	0.21	<b>0.08</b>	0.51	0.60	<b>0.24</b>	0.33	1.49	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.066			0.17			0.41			0.073			0.23			
<b>Median Abs Dev</b>	0.007			0.01			0.02			0.005			0.01			
<b>Avg Within Lab SD</b>	0.007			0.01			0.01			0.005			0.01			
<b>Labs Included</b>	14			14			14			14			14			
<b>Labs Reporting</b>	14			14			14			14			14			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8FXGET</b>	<b>0.63</b>	-0.77	0.50	<b>2.80</b>	-1.13	0.19	<b>4.23</b>	-0.11	2.29	<b>1.54</b>	-0.44	1.39	<b>2.12</b>	-1.97	1.08	
<b>ANZDBV</b>	<b>0.57</b>	-1.32	0.47	<b>3.05</b>	0.00	0.20	<b>4.04</b>	-0.75	0.68	<b>1.35</b>	-1.57	0.30	<b>2.22</b>	-1.33	1.31	
<b>C932XC</b>	<b>0.57</b>	-1.36	2.77	<b>3.13</b>	0.38	0.71	<b>3.80</b>	-1.54	1.36	<b>1.63</b>	0.14	2.58	<b>2.30</b>	-0.75	0.00	
<b>FLDNVY</b>	<b>0.69</b>	-0.16	0.90	<b>2.70</b>	-1.55	1.39	<b>4.78</b>	1.72	0.74	<b>1.75</b>	0.85	0.22	<b>2.43</b>	0.11	0.34	
<b>HDAM7F</b>	<b>0.71</b>	0.04	0.12	<b>3.08</b>	0.13	0.50	<b>4.19</b>	-0.24	0.24	<b>1.61</b>	0.00	0.27	<b>2.33</b>	-0.52	1.40	
<b>J4PDHM</b>	<b>0.76</b>	0.51	0.50	<b>3.26</b>	0.96	1.74	<b>4.30</b>	0.14	0.57	<b>1.63</b>	0.14	0.33	<b>2.41</b>	0.02	0.22	
<b>JUGU3X</b>	<b>0.78</b>	0.78	0.04	<b>3.29</b>	1.08	1.76	<b>4.82</b>	1.85	0.06	<b>1.83</b>	1.30	0.52	<b>2.68</b>	1.81	1.05	
<b>NJJU9F</b>	<b>0.71</b>	0.01	0.18	<b>3.23</b>	0.83	0.68	<b>4.33</b>	0.24	1.19	<b>1.51</b>	-0.58	0.93	<b>2.41</b>	-0.03	1.26	
<b>REHMKN</b>	<b>0.68</b>	-0.29	0.86	<b>3.01</b>	-0.15	0.65	<b>4.26</b>	0.00	0.59	<b>1.46</b>	-0.92	0.95	<b>2.45</b>	0.28	1.23	
<b>RQB4DV</b>	<b>0.71</b>	0.00	0.08	<b>2.84</b>	-0.93	0.22	<b>4.07</b>	-0.63	0.15	<b>1.55</b>	-0.39	0.06	<b>2.41</b>	0.00	0.02	
<b>XEDFF9</b>	<b>0.93</b>	2.18	1.00	<b>2.98</b>	-0.29	1.09	<b>4.32</b>	0.21	0.84	<b>1.79</b>	1.10	0.21	<b>2.50</b>	0.60	1.34	

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	0.71			3.05			4.26			1.61			2.41			
<b>Median Abs Dev</b>	0.05			0.18			0.07			0.10			0.08			
<b>Avg Within Lab SD</b>	0.04			0.08			0.07			0.10			0.05			
<b>Labs Included</b>	11			11			11			11			11			
<b>Labs Reporting</b>	11			11			11			11			11			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8YWAN8</b>	<b>1.71</b>	1.42	1.10	<b>6.05</b>	0.83	0.11	<b>8.39</b>	1.44	0.61	<b>3.29</b>	1.89	0.23	<b>4.56</b>	0.99	0.11	
<b>9Q99HT</b>	<b>1.42</b>	0.21	1.25	<b>5.46</b>	0.25	2.23	<b>7.39</b>	0.57	2.53	<b>2.38</b>	-0.74	0.29	<b>4.17</b>	0.20	0.75	
<b>AJP7AQ</b>	<b>1.14</b>	-0.91	0.64	<b>4.85</b>	-0.34	0.25	<b>5.86</b>	-0.77	0.97	<b>2.30</b>	-0.98	0.89	<b>3.58</b>	-0.99	1.24	
<b>BKHDTU</b>	<b>1.60</b>	0.96	0.95	<b>4.70</b>	-0.48	0.50	<b>5.57</b>	-1.03	0.13	<b>2.17</b>	-1.35	0.38	<b>3.67</b>	-0.81	0.79	
<b>C932XC</b>	<b>1.30</b>	-0.27	1.65	<b>5.20</b>	0.00	0.25	<b>2.13</b>	-4.02X	0.13	<b>2.50</b>	-0.39	1.31	<b>1.37</b>	-5.45X	0.30	
<b>CE7RKN</b>	<b>1.09</b>	-1.11	0.05	<b>6.76</b>	1.51	0.03	<b>7.28</b>	0.47	0.07	<b>3.06</b>	1.21	0.18	<b>4.00</b>	-0.14	0.11	
<b>CL9R26</b>	<b>1.26</b>	-0.44		<b>5.13</b>	-0.07		<b>7.15</b>	0.36		<b>2.62</b>	-0.05		<b>4.15</b>	0.16		
<b>DRRH26</b>	<b>1.79</b>	1.73		<b>2.32</b>	-2.79		<b>3.78</b>	-2.59		<b>0.84</b>	-5.17X		<b>2.98</b>	-2.20		
<b>FBV7XL</b>	<b>1.33</b>	-0.14	1.10	<b>6.53</b>	1.29	1.83	<b>8.23</b>	1.30	2.53	<b>2.73</b>	0.28	1.00	<b>4.57</b>	1.00	0.79	
<b>FWV6LK</b>	<b>1.00</b>	-1.49	0.98	<b>5.51</b>	0.30	0.52	<b>7.42</b>	0.60	0.21	<b>2.79</b>	0.45	1.04	<b>4.29</b>	0.45	0.39	
<b>HDAM7F</b>	<b>1.14</b>	-0.94	1.29	<b>5.66</b>	0.45	0.66	<b>6.74</b>	0.00	0.19	<b>2.66</b>	0.08	0.73	<b>3.97</b>	-0.21	1.03	
<b>NJJU9F</b>	<b>1.24</b>	-0.52	0.67	<b>5.07</b>	-0.13	0.22	<b>6.89</b>	0.13	0.07	<b>2.54</b>	-0.28	0.36	<b>4.07</b>	0.00	0.22	
<b>PWJTC</b>	<b>1.50</b>	0.53	0.78	<b>3.89</b>	-1.27	0.27	<b>6.00</b>	-0.64	0.11	<b>2.38</b>	-0.73	0.59	<b>4.20</b>	0.26	1.77	
<b>RCPNBV</b>	<b>2.35</b>	4.04X	1.20	<b>12.10</b>	6.68X	0.46	<b>6.71</b>	-0.03	0.25	<b>3.05</b>	1.18	0.47	<b>5.45</b>	2.79	1.34	
<b>WJDZBT</b>	<b>1.48</b>	0.46	0.34	<b>4.99</b>	-0.21	0.18	<b>5.52</b>	-1.07	0.07	<b>2.78</b>	0.41	0.46	<b>3.84</b>	-0.46	0.09	
<b>X3LMCR</b>	<b>1.37</b>	0.00	0.55	<b>5.57</b>	0.36	0.29	<b>6.83</b>	0.08	0.70	<b>3.10</b>	1.33	2.86	<b>4.33</b>	0.53	2.14	
<b>X8D3EJ</b>	<b>1.42</b>	0.23	0.72	<b>4.64</b>	-0.54	0.83	<b>6.32</b>	-0.37	0.42	<b>2.64</b>	0.00	0.82	<b>4.06</b>	-0.02	0.36	
<b>XEDFF9</b>	<b>1.39</b>	0.10	1.54	<b>5.90</b>	0.68	2.16	<b>6.72</b>	-0.01	0.14	<b>2.60</b>	-0.12	0.90	<b>3.94</b>	-0.26	0.85	

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	1.37			5.20			6.74			2.64			4.07			
<b>Median Abs Dev</b>	0.13			0.46			0.65			0.15			0.22			
<b>Avg Within Lab SD</b>	0.10			0.40			0.46			0.15			0.19			
<b>Labs Included</b>	17			17			17			17			17			
<b>Labs Reporting</b>	18			18			18			18			18			





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3GMUC4</b>	<b>1.23</b>	0.00	0.87	<b>5.80</b>	-0.03	0.53	<b>6.83</b>	-0.17	0.69	<b>5.47</b>	0.10	0.82	<b>4.20</b>	-0.58	1.04	
<b>3GNWVG</b>	<b>1.26</b>	0.20	0.69	<b>5.86</b>	0.08	0.82	<b>6.71</b>	-0.37	0.12	<b>5.36</b>	-0.01	0.08	<b>4.07</b>	-0.99	0.48	
<b>3N7DDH</b>	<b>1.49</b>	1.88	1.13	<b>5.87</b>	0.09	0.19	<b>6.61</b>	-0.54	0.12	<b>4.74</b>	-0.61	0.32	<b>4.08</b>	-0.96	1.52	
<b>4RKER2</b>	<b>1.30</b>	0.50	0.54	<b>5.90</b>	0.16	0.19	<b>6.63</b>	-0.52	1.68	<b>5.09</b>	-0.27	1.13	<b>4.24</b>	-0.45	0.91	
<b>4YJWBK</b>	<b>1.33</b>	0.72	0.75	<b>5.53</b>	-0.51	0.32	<b>6.89</b>	-0.08	0.27	<b>4.97</b>	-0.39	0.24	<b>4.16</b>	-0.72	0.81	
<b>62PGXK</b>	<b>1.21</b>	-0.17	0.26	<b>6.26</b>	0.80	0.52	<b>7.38</b>	0.74	1.18	<b>7.32</b>	1.92	2.24	<b>4.48</b>	0.31	1.15	
<b>8FXGET</b>	<b>1.20</b>	-0.25	0.00	<b>5.77</b>	-0.09	1.10	<b>6.97</b>	0.05	0.91	<b>5.33</b>	-0.03	1.12	<b>4.33</b>	-0.15	0.60	
<b>8HMNYQ</b>	<b>1.07</b>	-1.24	0.87	<b>6.33</b>	0.94	1.71	<b>6.83</b>	-0.17	0.34	<b>5.93</b>	0.56	0.62	<b>4.47</b>	0.28	1.20	
<b>93PRHD</b>	<b>1.20</b>	-0.25	0.00	<b>5.70</b>	-0.21	0.53	<b>6.47</b>	-0.78	0.69	<b>4.80</b>	-0.56	0.93	<b>4.20</b>	-0.58	0.00	
<b>9Q99HT</b>	<b>1.17</b>	-0.50	1.42	<b>5.93</b>	0.20	1.13	<b>6.77</b>	-0.27	0.09	<b>5.08</b>	-0.28	0.45	<b>4.09</b>	-0.94	1.25	
<b>AG4E6F</b>	<b>1.25</b>	0.15	0.17	<b>5.53</b>	-0.51	0.00	<b>6.87</b>	-0.11	0.14	<b>5.03</b>	-0.33	0.47	<b>4.31</b>	-0.22	0.94	
<b>BC88YC</b>	<b>1.23</b>	-0.05	0.65	<b>5.78</b>	-0.06	0.27	<b>7.09</b>	0.25	0.58	<b>7.55</b>	2.14	0.86	<b>4.44</b>	0.19	0.94	
<b>C932XC</b>	<b>1.27</b>	0.25	0.87	<b>6.40</b>	1.06	0.92	<b>8.23</b>	2.17	1.72	<b>5.83</b>	0.46	0.62	<b>4.73</b>	1.14	1.20	
<b>CL9R26</b>	<b>1.13</b>	-0.74	0.87	<b>5.80</b>	-0.03	0.53	<b>6.97</b>	0.05	0.91	<b>6.03</b>	0.65	0.62	<b>4.20</b>	-0.58	1.04	
<b>DJDTZC</b>	<b>1.20</b>	-0.22	0.50	<b>3.32</b>	-4.49	0.30	<b>7.16</b>	0.37	0.40	<b>7.45</b>	2.04	0.48	<b>4.44</b>	0.21	1.50	
<b>DRRH26</b>	<b>0.46</b>	-5.77X	0.53	<b>1.89</b>	-7.07X	0.48	<b>2.63</b>	-7.21X	1.43	<b>2.04</b>	-3.26	0.42	<b>1.45</b>	-9.47X	0.64	
<b>DZ6Q37</b>	<b>1.23</b>	0.00	0.87	<b>6.10</b>	0.51	1.91	<b>7.47</b>	0.89	0.91	<b>5.73</b>	0.36	0.82	<b>4.60</b>	0.71	2.75	
<b>ELYW99</b>	<b>1.00</b>	-1.75	0.33	<b>5.74</b>	-0.13	2.15	<b>6.81</b>	-0.22	2.04	<b>5.87</b>	0.49	1.50	<b>4.71</b>	1.07	0.72	
<b>FZYVW7</b>	<b>1.18</b>	-0.42	1.56	<b>5.59</b>	-0.41	1.62	<b>7.20</b>	0.45	1.56	<b>6.24</b>	0.86	3.77	<b>4.38</b>	0.01	1.68	
<b>JKTZQ2</b>	<b>1.20</b>	-0.25	0.00	<b>5.87</b>	0.09	0.31	<b>6.93</b>	0.00	0.69	<b>5.53</b>	0.16	1.35	<b>4.50</b>	0.39	1.04	
<b>JUGU3X</b>	<b>1.20</b>	-0.23	0.26	<b>5.72</b>	-0.18	0.66	<b>6.96</b>	0.04	0.34	<b>5.74</b>	0.37	0.49	<b>4.48</b>	0.32	0.21	
<b>K8JPY6</b>	<b>1.21</b>	-0.20	0.00	<b>5.90</b>	0.15	0.00	<b>6.98</b>	0.07	0.00	<b>5.76</b>	0.39	0.00	<b>4.24</b>	-0.45	0.00	
<b>MPDAKH</b>	<b>1.33</b>	0.74	0.87	<b>7.60</b>	3.22	1.40	<b>10.33</b>	5.68	0.34	<b>4.53</b>	-0.82	0.82	<b>4.67</b>	0.93	1.20	
<b>MPRNWX</b>	<b>1.31</b>	0.57	0.60	<b>5.60</b>	-0.39	0.23	<b>7.19</b>	0.43	0.35	<b>5.69</b>	0.32	0.25	<b>4.57</b>	0.63	0.26	
<b>N4RMJU</b>	<b>1.27</b>	0.25	0.87	<b>5.70</b>	-0.21	0.53	<b>7.03</b>	0.16	0.34	<b>5.30</b>	-0.07	0.00	<b>4.60</b>	0.71	1.04	
<b>NBPLQA</b>	<b>1.46</b>	1.71	0.31	<b>8.01</b>	3.96X	1.38	<b>15.43</b>	14.21X	1.50	<b>19.67</b>	14.02X	3.89	<b>8.17</b>	12.27X	0.31	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NC2EMX	1.00	-1.76	2.74	5.26	-1.00	1.81	6.04	-1.49	1.46	4.54	-0.81	0.41	4.14	-0.79	1.62	
NGUHF2	1.20	-0.25	0.00	6.23	0.76	1.10	7.20	0.44	1.19	5.77	0.39	0.62	4.40	0.06	1.04	
NJJU9F	1.29	0.42	0.26	5.67	-0.25	0.37	7.68	1.24	0.25	5.49	0.12	0.12	4.43	0.15	0.06	
NQFN7E	1.24	0.05	0.15	5.81	0.00	0.08	6.92	-0.03	0.09	5.42	0.05	0.08	4.51	0.43	0.16	
PAC832	1.09	-1.06	0.60	5.48	-0.61	0.29	6.75	-0.31	1.07	5.37	0.00	0.83	4.45	0.22	1.25	
PVUG4Y	1.40	1.24	0.00	6.53	1.30	0.31	8.20	2.12	0.60	6.30	0.91	0.54	5.27	2.87	0.60	
QVRACQ	2.02	5.82X	1.42	8.44	4.73	0.77	17.06	16.94X	0.18	25.99	20.22X	4.02	9.58	16.83X	0.73	
R732FQ	1.16	-0.54	0.15	5.42	-0.72	0.26	6.45	-0.81	0.06	5.02	-0.34	0.25	4.11	-0.86	0.30	
RCPNBV	1.49	1.93	1.61	6.33	0.92	1.56	7.77	1.40	0.92	6.57	1.18	1.08	4.70	1.05	1.04	
RQB4DV	1.35	0.84	0.20	5.81	0.00	0.12	6.91	-0.04	0.05	5.26	-0.11	0.27	4.38	-0.01	0.23	
VABCVP	1.31	0.57	3.51	6.45	1.14	2.85	6.96	0.04	3.79	5.35	-0.02	2.39	4.15	-0.74	1.50	
VHHAFM	1.28	0.37	0.09	5.95	0.25	0.06	6.81	-0.21	0.07	4.83	-0.53	0.11	4.43	0.15	0.12	
WM898M	1.20	-0.26	0.29	5.95	0.24	0.48	6.58	-0.59	0.00	5.19	-0.18	0.34	4.18	-0.65	0.13	
X3LMCR	1.34	0.79	2.13	5.33	-0.87	1.91	6.56	-0.63	0.76	5.31	-0.06	0.47	4.11	-0.88	0.69	
X6BTWN	1.27	0.27	1.13	6.06	0.45	0.45	6.94	0.00	0.84	5.31	-0.06	1.18	4.29	-0.28	0.30	
X8D3EJ	1.61	2.80	0.45	6.36	0.98	0.29	8.55	2.70	0.24	10.48	5.01	0.78	5.53	3.73	0.47	
YDXA2J	1.13	-0.74	0.09	5.83	0.03	0.71	7.06	0.20	0.38	5.99	0.61	0.17	4.27	-0.36	0.48	
ZDFKEH	1.34	0.79	0.26	5.74	-0.13	0.11	6.40	-0.90	0.07	4.76	-0.59	0.19	4.13	-0.82	0.22	
ZGX28M	1.09	-1.09	0.38	5.75	-0.12	0.43	6.60	-0.55	1.09	4.76	-0.59	0.30	4.15	-0.74	0.91	

SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
Grand Median	1.23			5.81			6.94			5.37			4.38			
Median Abs Dev	0.07			0.14			0.22			0.40			0.18			
Avg Within Lab SD	0.07			0.19			0.17			0.19			0.10			
Labs Included	43			43			42			43			42			
Labs Reporting	45			45			45			45			45			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>HDAM7F</b>	<b>1.37</b>		1.39	<b>6.50</b>		1.39	<b>8.17</b>		1.41	<b>7.23</b>		1.41	<b>4.93</b>		1.39			
<b>R732FQ</b>	<b>1.11</b>		0.24	<b>4.95</b>		0.26	<b>5.88</b>		0.09	<b>4.58</b>		0.08	<b>3.77</b>		0.26			
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
<b>Grand Median</b>	1.24			5.72			7.02			5.91			4.35					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.04			0.19			0.11			0.50			0.11					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8YWAN8</b>							<b>1.87</b>	0.00	1.04						
<b>AJP7AQ</b>	<b>0.52</b>	0.70	0.70	<b>0.28</b>	0.64	0.77	<b>1.69</b>	-0.15	2.23	<b>0.76</b>	0.40	1.51	<b>0.39</b>	-0.61	1.99
<b>C932XC</b>							<b>3.60</b>	1.45	0.36				<b>1.10</b>	0.82	0.81
<b>FWV6LK</b>							<b>1.00</b>	-0.72	0.63						
<b>HDAM7F</b>							<b>2.32</b>	0.38	0.08	<b>0.52</b>	-0.23	0.59	<b>0.69</b>	0.00	0.23
<b>NC2EMX</b>	<b>0.52</b>	0.70	0.36	<b>0.10</b>	-0.41	0.00	<b>3.82</b>	1.63	0.38	<b>0.43</b>	-0.47	0.33	<b>1.09</b>	0.80	0.08
<b>NGUHF2</b>	<b>0.10</b>	-1.80	0.00	<b>0.10</b>	-0.41	0.00	<b>1.57</b>	-0.25	0.21	<b>0.10</b>	-1.36	0.00	<b>0.13</b>	-1.13	0.47
<b>RCPNBV</b>	<b>0.40</b>	0.00	0.24	<b>0.17</b>	0.00	0.12	<b>3.60</b>	1.45	0.09	<b>1.12</b>	1.35	1.51	<b>1.24</b>	1.10	1.05
<b>VABCVP</b>	<b>0.37</b>	-0.18	2.08	<b>0.50</b>	1.92	2.10	<b>1.82</b>	-0.04	1.49	<b>0.70</b>	0.23		<b>0.56</b>	-0.27	
CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710		
<b>Grand Median</b>	0.40			0.17			1.87			0.61			0.69		
<b>Median Abs Dev</b>	0.12			0.07			0.45			0.16			0.40		
<b>Avg Within Lab SD</b>	0.21			0.30			0.28			0.06			0.12		
<b>Labs Included</b>	5			5			9			6			7		
<b>Labs Reporting</b>	5			5			9			6			7		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8HMNYQ</b>	<b>1.4</b>	-1.6	0.2	<b>0.4</b>	-2.3	0.0	<b>28.4</b>	0.0	0.4	<b>5.8</b>	-2.2	0.1	<b>16.0</b>	-0.8	0.5	
<b>8YWAN8</b>	<b>2.7</b>	0.0	0.3	<b>10.1</b>	0.0	0.1	<b>30.5</b>	0.5	0.4	<b>15.2</b>	0.1	0.3	<b>20.1</b>	0.3	0.2	
<b>C932XC</b>	<b>4.0</b>	1.5	2.7	<b>20.0</b>	2.4		<b>35.7</b>	1.9	1.9	<b>40.0</b>	6.2X		<b>25.0</b>	1.7		
<b>CE7RKN</b>	<b>2.5</b>	-0.3	0.1	<b>8.7</b>	-0.3	0.5	<b>26.7</b>	-0.5	0.1	<b>14.4</b>	-0.1	0.0	<b>18.9</b>	0.0	0.2	
<b>CL9R26</b>	<b>2.7</b>	0.0		<b>10.2</b>	0.0		<b>27.1</b>	-0.3		<b>13.2</b>	-0.4		<b>17.5</b>	-0.4		
<b>FBV7XL</b>	<b>3.3</b>	0.7	0.2	<b>9.1</b>	-0.2	2.0	<b>24.5</b>	-1.0	0.2	<b>16.0</b>	0.3	0.5	<b>18.4</b>	-0.1	0.0	
<b>HDAM7F</b>	<b>2.7</b>	0.0	0.4	<b>9.6</b>	-0.1	1.3	<b>28.5</b>	0.0	1.4	<b>14.6</b>	-0.1	2.4	<b>19.3</b>	0.1	1.0	
<b>NC2EMX</b>	<b>2.7</b>	0.0	0.5	<b>10.1</b>	0.0	0.7	<b>21.7</b>	-1.7	1.4	<b>16.4</b>	0.4	0.9	<b>11.1</b>	-2.1	2.4	
<b>X3LMCR</b>	<b>4.3</b>	1.9	0.4	<b>12.8</b>	0.7	0.8	<b>28.6</b>	0.1	0.4	<b>22.3</b>	1.8	0.3	<b>20.8</b>	0.5	0.3	

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	2.73			10.1			28.4			14.9			18.9			
<b>Median Abs Dev</b>	0.21			1.0			1.8			1.3			1.4			
<b>Avg Within Lab SD</b>	0.37			0.5			1.1			1.6			1.2			
<b>Labs Included</b>	9			9			9			8			9			
<b>Labs Reporting</b>	9			9			9			9			9			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>6.53</b>	1.11	0.29	<b>10.57</b>	0.98	0.18	<b>32.40</b>	-1.06	0.33	<b>11.57</b>	0.48	1.38	<b>20.67</b>	0.04	0.13	
<b>62PGXK</b>	<b>2.00</b>	-0.73		<b>0.60</b>	-0.60	0.00	<b>35.57</b>	-0.61	0.34	<b>6.73</b>	-0.76	0.12	<b>18.70</b>	-0.49	0.08	
<b>8HMNYQ</b>	<b>1.43</b>	-0.96	0.29	<b>0.40</b>	-0.63	0.00	<b>28.43</b>	-1.62	0.17	<b>5.83</b>	-0.99	0.32	<b>16.00</b>	-1.21	0.46	
<b>93PRHD</b>	<b>3.80</b>	0.00	0.50	<b>2.27</b>	-0.34	1.27	<b>40.00</b>	0.02	0.43	<b>7.67</b>	-0.52	1.19	<b>19.33</b>	-0.32	0.47	
<b>9N87RR</b>	<b>3.33</b>	-0.19	0.76	<b>4.27</b>	-0.02	1.27	<b>43.40</b>	0.50	0.60	<b>10.00</b>	0.08	0.72	<b>21.93</b>	0.38	0.77	
<b>JUGU3X</b>	<b>4.36</b>	0.23	0.18	<b>7.83</b>	0.54	1.82	<b>38.12</b>	-0.25	0.86	<b>9.44</b>	-0.07	0.17	<b>17.37</b>	-0.84	0.55	
<b>MPDAKH</b>	<b>5.50</b>	0.69		<b>4.53</b>	0.02	0.18	<b>42.07</b>	0.31	0.12	<b>8.70</b>	-0.26	0.21	<b>21.60</b>	0.29	0.08	
<b>NJJU9F</b>	<b>2.58</b>	-0.50	0.79	<b>14.81</b>	1.65	0.42	<b>39.72</b>	-0.02	0.20	<b>13.36</b>	0.93	0.92	<b>19.42</b>	-0.29	0.27	
<b>PVUG4Y</b>	<b>12.87</b>	3.68X	0.29	<b>0.80</b>	-0.57	0.00	<b>45.87</b>	0.85	0.02	<b>15.53</b>	1.49	0.24	<b>26.53</b>	1.61	0.29	
<b>RCPNBV</b>	<b>2.81</b>	-0.40	1.16	<b>1.68</b>	-0.43	0.22	<b>41.38</b>	0.22	0.89	<b>8.40</b>	-0.33	1.43	<b>22.94</b>	0.65	1.33	
<b>VABCVP</b>	<b>1.13</b>	-1.08	1.61	<b>0.37</b>	-0.64	0.65	<b>27.47</b>	-1.76	1.70	<b>4.37</b>	-1.36	1.87	<b>13.50</b>	-1.88	2.21	
<b>WM898M</b>	<b>6.60</b>	1.14	1.00	<b>13.50</b>	1.44	0.31	<b>40.00</b>	0.02	0.95	<b>14.40</b>	1.20	0.41	<b>20.37</b>	-0.04	0.37	
<b>WR4PP9</b>	<b>4.73</b>	0.38	1.53	<b>5.23</b>	0.13	0.65	<b>52.27</b>	1.76	2.80	<b>9.97</b>	0.07	1.52	<b>24.07</b>	0.95	2.34	
<b>X6BTWN</b>	<b>7.18</b>	1.37	1.44	<b>13.62</b>	1.46	2.49	<b>36.63</b>	-0.46	0.15	<b>13.37</b>	0.93	1.02	<b>22.14</b>	0.44	0.48	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	3.80			4.40			39.9			9.70			20.5			
<b>Median Abs Dev</b>	1.70			3.70			3.4			2.50			1.7			
<b>Avg Within Lab SD</b>	0.20			0.32			2.3			0.48			1.2			
<b>Labs Included</b>	13			14			14			14			14			
<b>Labs Reporting</b>	14			14			14			14			14			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8FXGET</b>	<b>1.62</b>	-0.12	1.59	<b>1.27</b>	-0.93	1.01	<b>1.23</b>	-0.04	2.17	<b>1.15</b>	-0.35	1.51	<b>1.20</b>	-1.02	1.48	
<b>8YWAN8</b>	<b>1.67</b>	0.83	0.00	<b>1.52</b>	1.56	0.00	<b>1.41</b>	3.34	0.00	<b>1.29</b>	1.45	0.44	<b>1.49</b>	1.64	0.19	
<b>9N87RR</b>	<b>1.60</b>	-0.35	0.96	<b>1.28</b>	-0.83	1.55	<b>1.21</b>	-0.49	0.98	<b>1.18</b>	0.00	1.16	<b>1.23</b>	-0.68	1.69	
<b>KLXV4C</b>	<b>1.62</b>	0.00	1.31	<b>1.36</b>	0.00	0.68	<b>1.23</b>	-0.04	0.93	<b>1.20</b>	0.31	0.76	<b>1.31</b>	-0.01	0.50	
<b>NNA4JD</b>	<b>1.71</b>	1.50	0.23	<b>1.40</b>	0.37	0.08	<b>1.24</b>	0.00	0.18	<b>1.08</b>	-1.23	0.33	<b>1.36</b>	0.50	0.10	
<b>RCPNBV</b>	<b>1.73</b>	1.81	0.53	<b>1.43</b>	0.68	0.56	<b>1.27</b>	0.66	0.50	<b>1.11</b>	-0.91	0.65	<b>1.40</b>	0.87	0.77	
<b>VABCVP</b>	<b>1.62</b>	-0.11	1.22	<b>1.33</b>	-0.35	1.68	<b>1.24</b>	0.14	0.43	<b>1.21</b>	0.47	1.44	<b>1.31</b>	0.00	1.04	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	1.62			1.36			1.24			1.18			1.31			
<b>Median Abs Dev</b>	0.02			0.07			0.01			0.04			0.07			
<b>Avg Within Lab SD</b>	0.02			0.02			0.03			0.01			0.03			
<b>Labs Included</b>	7			7			7			7			7			
<b>Labs Reporting</b>	7			7			7			7			7			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>91.0</b>	1.2		<b>81.0</b>	0.8		<b>71.0</b>	5.0X		<b>39.0</b>	1.0		<b>61.0</b>	1.4		
<b>62PGXK</b>	<b>80.7</b>	-2.0	0.4	<b>73.6</b>	-1.0	0.3	<b>43.1</b>	-0.3	0.2	<b>30.8</b>	-0.4	0.2	<b>50.7</b>	-1.2	0.3	
<b>8FXGET</b>	<b>86.2</b>	-0.2		<b>79.8</b>	0.5		<b>44.3</b>	-0.1		<b>36.0</b>	0.5		<b>55.5</b>	0.0		
<b>8YWAN8</b>	<b>88.7</b>	0.5	2.0	<b>79.7</b>	0.5	0.9	<b>47.0</b>	0.4	1.3	<b>35.3</b>	0.4	0.2	<b>57.0</b>	0.4	1.1	
<b>93PRHD</b>	<b>83.0</b>	-1.2		<b>75.0</b>	-0.6		<b>45.0</b>	0.1		<b>30.0</b>	-0.5		<b>57.0</b>	0.4		
<b>ANZDB2</b>	<b>89.2</b>	0.7	0.4	<b>79.1</b>	0.4	0.5	<b>54.8</b>	1.9	2.0	<b>20.7</b>	-2.0	0.1	<b>54.1</b>	-0.4	0.3	
<b>ANZDBV</b>	<b>89.5</b>	0.8	1.1	<b>79.7</b>	0.5	0.4	<b>52.6</b>	1.5	0.3	<b>38.8</b>	0.9	0.1	<b>62.0</b>	1.6	0.2	
<b>B4RBDQ</b>	<b>87.2</b>	0.1	0.1	<b>78.5</b>	0.2	0.5	<b>46.5</b>	0.4	0.5	<b>29.7</b>	-0.5	0.1	<b>57.5</b>	0.5	0.1	
<b>C932XC</b>	<b>84.0</b>	-0.9		<b>75.0</b>	-0.6	0.6	<b>39.7</b>	-0.9	0.4	<b>27.3</b>	-0.9	0.2	<b>49.3</b>	-1.5	0.3	
<b>CE7RKN</b>	<b>84.4</b>	-0.8	0.0	<b>74.4</b>	-0.8	0.0	<b>34.4</b>	-1.9	0.0	<b>14.4</b>	-3.0X	0.0	<b>50.4</b>	-1.3	0.0	
<b>DRRH26</b>	<b>87.0</b>	0.0		<b>79.0</b>	0.3		<b>40.0</b>	-0.9		<b>19.0</b>	-2.3		<b>53.0</b>	-0.6		
<b>ELYW99</b>	<b>85.7</b>	-0.4	0.7	<b>75.7</b>	-0.5	0.3	<b>38.7</b>	-1.1	0.7	<b>27.3</b>	-0.9	1.6	<b>49.0</b>	-1.6		
<b>FLDNVY</b>	<b>88.8</b>	0.5	1.6	<b>79.6</b>	0.5	0.4	<b>45.0</b>	0.1		<b>39.2</b>	1.0	3.9	<b>56.7</b>	0.3	1.0	
<b>FWV6LK</b>	<b>89.4</b>	0.7	0.3	<b>78.7</b>	0.3	0.2	<b>43.1</b>	-0.3	0.9	<b>34.0</b>	0.2	0.1	<b>55.5</b>	0.0	0.3	
<b>HDAM7F</b>	<b>89.4</b>	0.7		<b>76.3</b>	-0.3		<b>42.7</b>	-0.4		<b>36.8</b>	0.6		<b>55.5</b>	0.0		
<b>JE2Z7E</b>	<b>83.0</b>	-1.2		<b>73.0</b>	-1.1		<b>39.7</b>	-0.9	0.7	<b>28.7</b>	-0.7	0.4	<b>48.0</b>	-1.9		
<b>JUGU3X</b>	<b>85.8</b>	-0.4		<b>75.8</b>	-0.4		<b>51.8</b>	1.3		<b>29.8</b>	-0.5		<b>53.8</b>	-0.4		
<b>KLXV4C</b>	<b>88.1</b>	0.3	0.6	<b>80.2</b>	0.6	0.4	<b>46.7</b>	0.4	0.7	<b>37.1</b>	0.7	0.7	<b>56.2</b>	0.2	0.9	
<b>NBPLQA</b>	<b>90.0</b>	0.9		<b>79.3</b>	0.4	0.7	<b>47.3</b>	0.5	0.7	<b>36.7</b>	0.6	0.4	<b>56.0</b>	0.1		
<b>NC2EMX</b>	<b>87.0</b>	0.0		<b>77.0</b>	-0.1		<b>45.0</b>	0.1		<b>33.7</b>	0.1	0.4	<b>55.7</b>	0.0	0.6	
<b>NNA4JD</b>	<b>83.0</b>	-1.2		<b>75.7</b>	-0.5	0.7	<b>41.0</b>	-0.7		<b>29.0</b>	-0.6		<b>51.0</b>	-1.1		
<b>PAC832</b>	<b>86.7</b>	-0.1	0.6	<b>66.8</b>	-2.6	2.8	<b>46.5</b>	0.4	2.1	<b>30.5</b>	-0.4	0.2	<b>54.3</b>	-0.3	2.8	
<b>QVRACQ</b>	<b>90.0</b>	0.9		<b>84.7</b>	1.7	2.7	<b>46.0</b>	0.3	1.3	<b>35.3</b>	0.4	0.4	<b>57.3</b>	0.5	0.6	
<b>RCPNBV</b>	<b>86.8</b>	-0.1	0.4	<b>78.0</b>	0.1	0.7	<b>43.7</b>	-0.2	0.4	<b>34.4</b>	0.2	0.3	<b>57.1</b>	0.4	1.0	
<b>RQB4DV</b>	<b>80.8</b>	-1.9	1.6	<b>70.7</b>	-1.7	0.7	<b>42.7</b>	-0.4	1.0	<b>29.0</b>	-0.6	0.3	<b>53.0</b>	-0.6	0.5	
<b>VABCVP</b>	<b>85.4</b>	-0.5	1.2	<b>71.2</b>	-1.5	1.2	<b>36.2</b>	-1.6	1.6	<b>28.4</b>	-0.7	1.0	<b>51.7</b>	-0.9	2.4	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WM898M</b>	<b>88.9</b>	0.6	1.0	<b>77.6</b>	0.0	0.2	<b>48.6</b>	0.7	0.8	<b>36.3</b>	0.5	0.4	<b>58.6</b>	0.8	0.4	
<b>X6BTWN</b>	<b>87.1</b>	0.0	1.5	<b>76.4</b>	-0.3	0.0	<b>41.2</b>	-0.6	0.7	<b>35.7</b>	0.5	0.4	<b>52.4</b>	-0.8	0.0	
<b>YDXA2J</b>	<b>88.4</b>	0.4	0.0	<b>80.8</b>	0.8	0.0	<b>47.8</b>	0.6	0.0	<b>32.3</b>	-0.1	0.0	<b>56.8</b>	0.3	0.0	
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	87.0			77.6			44.7			33.0			55.5			
<b>Median Abs Dev</b>	1.9			2.1			2.5			3.5			1.8			
<b>Avg Within Lab SD</b>	0.8			1.7			1.6			2.9			1.8			
<b>Labs Included</b>	29			29			28			28			29			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>6.0</b>	-0.6		<b>14.0</b>	-0.8		<b>20.0</b>	-1.3		<b>22.0</b>	0.0		<b>32.0</b>	0.8		
<b>62PGXK</b>	<b>11.1</b>	1.3	0.4	<b>18.3</b>	0.4	0.5	<b>31.0</b>	0.0	0.4	<b>21.1</b>	-0.3	0.6	<b>28.9</b>	0.2	0.3	
<b>8FXGET</b>	<b>6.8</b>	-0.3		<b>13.1</b>	-1.1		<b>26.6</b>	-0.5		<b>18.1</b>	-1.2		<b>23.7</b>	-0.7		
<b>8YWAN8</b>	<b>3.3</b>	-1.6	1.4	<b>18.0</b>	0.3	1.5	<b>41.3</b>	1.2	0.7	<b>22.3</b>	0.1	0.4	<b>31.3</b>	0.6	1.0	
<b>93PRHD</b>	<b>6.0</b>	-0.6		<b>10.0</b>	-2.0		<b>19.0</b>	-1.4		<b>18.0</b>	-1.2		<b>15.0</b>	-2.3		
<b>ANZDB2</b>	<b>6.4</b>	-0.5	0.5	<b>14.4</b>	-0.7	0.3	<b>36.2</b>	0.6	0.7	<b>25.9</b>	1.2	0.1	<b>26.3</b>	-0.3	0.3	
<b>ANZDBV</b>	<b>6.1</b>	-0.6	1.3	<b>17.6</b>	0.2	0.6	<b>39.5</b>	1.0	0.3	<b>21.6</b>	-0.1	1.0	<b>31.8</b>	0.7	0.3	
<b>B4RBDQ</b>	<b>8.3</b>	0.3	0.5	<b>15.0</b>	-0.5	0.8	<b>29.1</b>	-0.2	0.4	<b>26.0</b>	1.2		<b>24.0</b>	-0.7		
<b>C932XC</b>	<b>10.0</b>	0.9	0.9	<b>17.0</b>	0.0	0.8	<b>33.3</b>	0.3	0.3	<b>26.0</b>	1.2		<b>30.7</b>	0.5	0.2	
<b>CE7RKN</b>	<b>5.0</b>	-1.0		<b>13.0</b>	-1.1		<b>31.0</b>	0.0		<b>23.0</b>	0.3		<b>23.0</b>	-0.9		
<b>DRRH26</b>	<b>11.0</b>	1.3		<b>17.0</b>	0.0		<b>26.0</b>	-0.6		<b>43.0</b>	<b>6.3X</b>		<b>14.0</b>	-2.5		
<b>ELYW99</b>	<b>6.0</b>	-0.6	1.6	<b>15.7</b>	-0.3	0.4	<b>32.3</b>	0.2	0.3	<b>20.7</b>	-0.4	0.4	<b>30.3</b>	0.5	0.2	
<b>FLDNVY</b>	<b>4.6</b>	-1.2	1.8	<b>11.3</b>	-1.7	0.9	<b>29.2</b>	-0.2	0.7	<b>15.0</b>	-2.1	3.7	<b>20.0</b>	-1.4	3.1	
<b>FWV6LK</b>	<b>7.5</b>	0.0	0.2	<b>16.8</b>	0.0	0.2	<b>33.0</b>	0.2	0.5	<b>25.0</b>	0.9	0.1	<b>28.7</b>	0.2	0.2	
<b>HDAM7F</b>	<b>8.8</b>	0.4		<b>21.5</b>	1.4		<b>33.4</b>	0.3		<b>24.1</b>	0.6		<b>30.2</b>	0.4		
<b>JE2Z7E</b>	<b>10.7</b>	1.2	1.1	<b>20.0</b>	0.9		<b>32.0</b>	0.1	1.0	<b>23.3</b>	0.4	0.4	<b>30.0</b>	0.4		
<b>JUGU3X</b>	<b>10.1</b>	1.0		<b>18.1</b>	0.4		<b>22.1</b>	-1.1		<b>26.1</b>	1.2		<b>30.1</b>	0.4		
<b>KLXV4C</b>	<b>9.7</b>	0.8	0.6	<b>16.7</b>	0.0	1.4	<b>42.3</b>	1.3	1.2	<b>23.7</b>	0.5	0.7	<b>33.4</b>	1.0	0.9	
<b>NBPLQA</b>	<b>8.0</b>	0.1		<b>17.3</b>	0.1	1.7	<b>42.0</b>	1.3		<b>24.0</b>	0.6		<b>34.0</b>	1.1		
<b>NC2EMX</b>	<b>6.3</b>	-0.5	0.5	<b>16.0</b>	-0.2		<b>32.0</b>	0.1		<b>19.3</b>	-0.8	0.4	<b>27.3</b>	-0.1	0.5	
<b>NNA4JD</b>	<b>10.0</b>	0.9		<b>17.3</b>	0.1	0.9	<b>26.0</b>	-0.6		<b>22.0</b>	0.0		<b>26.0</b>	-0.3		
<b>PAC832</b>	<b>10.1</b>	1.0	0.8	<b>24.1</b>	2.2	2.0	<b>26.3</b>	-0.6	1.1	<b>22.0</b>	0.0	0.6	<b>23.7</b>	-0.7	1.2	
<b>QVRACQ</b>	<b>8.0</b>	0.1		<b>15.3</b>	-0.4	0.9	<b>28.7</b>	-0.3	1.1	<b>21.3</b>	-0.2	0.4	<b>27.3</b>	-0.1	0.9	
<b>RCPNBV</b>	<b>7.6</b>	0.0	1.5	<b>16.0</b>	-0.2	1.8	<b>28.0</b>	-0.4	1.1	<b>20.4</b>	-0.5	0.7	<b>24.4</b>	-0.6	0.3	
<b>RQB4DV</b>	<b>9.7</b>	0.8	1.4	<b>20.3</b>	1.0	0.4	<b>24.0</b>	-0.8	0.5	<b>19.3</b>	-0.8	0.4	<b>23.7</b>	-0.7	0.2	
<b>VABCVP</b>	<b>7.7</b>	0.0	0.7	<b>19.6</b>	0.8	0.4	<b>47.6</b>	2.0	1.5	<b>24.0</b>	0.6	0.5	<b>28.2</b>	0.1	1.6	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WM898M</b>	<b>4.7</b>	-1.1	0.6	<b>15.7</b>	-0.3	0.8	<b>32.7</b>	0.2	1.1	<b>18.7</b>	-1.0	0.4	<b>28.7</b>	0.2	0.5	
<b>X6BTWN</b>	<b>6.5</b>	-0.4	0.9	<b>17.2</b>	0.1	0.5	<b>48.8</b>	2.1	2.7	<b>22.5</b>	0.2	0.3	<b>44.5</b>	3.0 <del>X</del>	0.4	
<b>YDXA2J</b>	<b>7.0</b>	-0.3	0.0	<b>12.0</b>	-1.4	0.0	<b>27.2</b>	-0.5	0.0	<b>17.0</b>	-1.5	0.0	<b>24.1</b>	-0.7	0.0	
Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	7.63			16.8			31.0			22.0			27.8			
<b>Median Abs Dev</b>	1.63			1.5			4.4			2.0			3.5			
<b>Avg Within Lab SD</b>	1.09			1.3			2.1			3.1			2.5			
<b>Labs Included</b>	29			29			29			28			28			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>4YJWBK</b>	<b>3.00</b>	-0.94		<b>5.00</b>	-0.51		<b>9.00</b>	-1.69		<b>39.00</b>	-1.18		<b>7.00</b>	-1.61		
<b>62PGXK</b>	<b>8.20</b>	0.69	0.26	<b>8.07</b>	0.43	0.22	<b>25.87</b>	0.00	0.41	<b>48.07</b>	0.47	0.77	<b>20.40</b>	0.17	0.50	
<b>8FXGET</b>	<b>7.00</b>	0.31		<b>7.10</b>	0.13		<b>29.10</b>	0.33		<b>45.90</b>	0.07		<b>20.80</b>	0.22		
<b>8YWAN8</b>	<b>8.00</b>	0.62		<b>2.33</b>	-1.33	0.56	<b>11.67</b>	-1.42	0.88	<b>42.33</b>	-0.58	0.36	<b>11.67</b>	-0.99	0.27	
<b>93PRHD</b>	<b>11.00</b>	1.56		<b>15.00</b>	2.55		<b>36.00</b>	1.02		<b>52.00</b>	1.18		<b>28.00</b>	1.18		
<b>ANZDB2</b>	<b>4.37</b>	-0.51	0.43	<b>6.51</b>	-0.05	0.64	<b>9.04</b>	-1.68	1.10	<b>53.41</b>	1.44	0.32	<b>19.62</b>	0.07	0.14	
<b>ANZDBV</b>	<b>4.39</b>	-0.50	1.09	<b>2.78</b>	-1.19	0.39	<b>7.88</b>	-1.80	0.24	<b>39.67</b>	-1.06	2.23	<b>6.20</b>	-1.71	0.19	
<b>B4RBDQ</b>	<b>4.60</b>	-0.44	0.26	<b>6.53</b>	-0.04	0.22	<b>24.33</b>	-0.15	0.07	<b>44.60</b>	-0.16	0.22	<b>18.47</b>	-0.09	0.05	
<b>C932XC</b>	<b>6.00</b>	0.00	1.32	<b>8.00</b>	0.41		<b>27.00</b>	0.12		<b>46.67</b>	0.21	0.36	<b>20.00</b>	0.12		
<b>CE7RKN</b>	<b>10.60</b>	1.44	0.00	<b>12.60</b>	1.82	0.00	<b>34.60</b>	0.88	0.00	<b>62.60</b>	3.11X	0.00	<b>26.60</b>	0.99	0.00	
<b>DRRH26</b>	<b>2.00</b>	-1.25		<b>4.00</b>	-0.82		<b>34.00</b>	0.82		<b>38.00</b>	-1.37		<b>34.00</b>	1.98		
<b>ELYW99</b>	<b>8.33</b>	0.73	1.53	<b>8.67</b>	0.61	0.56	<b>29.67</b>	0.38	0.67	<b>52.00</b>	1.18	2.27	<b>20.67</b>	0.21	0.27	
<b>FLDNVY</b>	<b>6.67</b>	0.21	1.91	<b>9.17</b>	0.77	1.40	<b>25.83</b>	0.00	0.83	<b>45.83</b>	0.06	0.91	<b>23.33</b>	0.56	3.82	
<b>FWV6LK</b>	<b>3.15</b>	-0.89	0.18	<b>4.45</b>	-0.68	0.15	<b>23.95</b>	-0.19	0.35	<b>41.02</b>	-0.82	0.29	<b>15.83</b>	-0.44	0.05	
<b>HDAM7F</b>	<b>1.80</b>	-1.31		<b>2.20</b>	-1.37		<b>23.90</b>	-0.19		<b>39.10</b>	-1.17		<b>14.30</b>	-0.64		
<b>JE2Z7E</b>	<b>7.33</b>	0.42	1.53	<b>8.00</b>	0.41		<b>29.33</b>	0.35	0.67	<b>48.00</b>	0.45		<b>22.00</b>	0.38		
<b>JUGU3X</b>	<b>4.04</b>	-0.61		<b>6.12</b>	-0.17		<b>26.12</b>	0.03		<b>44.12</b>	-0.25		<b>16.12</b>	-0.40		
<b>KLXV4C</b>	<b>2.27</b>	-1.17	0.61	<b>3.07</b>	-1.10	1.25	<b>11.07</b>	-1.48	0.93	<b>39.20</b>	-1.15	0.91	<b>10.40</b>	-1.16	0.49	
<b>NBPLQA</b>	<b>2.00</b>	-1.25		<b>3.33</b>	-1.02	1.12	<b>10.67</b>	-1.52	0.67	<b>39.33</b>	-1.12	0.73	<b>10.00</b>	-1.21		
<b>NC2EMX</b>	<b>6.67</b>	0.21	0.76	<b>7.00</b>	0.10		<b>23.00</b>	-0.28		<b>47.00</b>	0.27		<b>17.00</b>	-0.28		
<b>NNA4JD</b>	<b>7.00</b>	0.31		<b>7.00</b>	0.10		<b>33.00</b>	0.72		<b>49.00</b>	0.64		<b>23.00</b>	0.52		
<b>PAC832</b>	<b>3.20</b>	-0.87	1.40	<b>9.07</b>	0.74	2.25	<b>27.20</b>	0.14	0.61	<b>47.47</b>	0.36	1.45	<b>22.00</b>	0.38	0.99	
<b>QVRACQ</b>	<b>2.00</b>	-1.25		<b>2.00</b>	-1.43		<b>26.00</b>	0.02		<b>43.33</b>	-0.40	0.73	<b>15.33</b>	-0.50	0.55	
<b>RCPNBV</b>	<b>5.60</b>	-0.12	1.67	<b>5.95</b>	-0.22	1.67	<b>28.21</b>	0.24	1.43	<b>45.17</b>	-0.06	0.84	<b>18.53</b>	-0.08	0.50	
<b>RQB4DV</b>	<b>9.33</b>	1.04	0.76	<b>8.50</b>	0.56	0.84	<b>33.33</b>	0.75	0.33	<b>51.67</b>	1.12	0.36	<b>23.33</b>	0.56	0.27	
<b>VABCVP</b>	<b>6.87</b>	0.27	0.28	<b>9.20</b>	0.78	1.53	<b>16.23</b>	-0.96	1.22	<b>47.60</b>	0.38	1.15	<b>20.17</b>	0.14	0.21	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>WM898M</b>	<b>6.37</b>	0.11	0.43	<b>6.67</b>	0.00	0.74	<b>18.67</b>	-0.72	1.69	<b>45.00</b>	-0.09	0.83	<b>12.67</b>	-0.86	0.90	
<b>X6BTWN</b>	<b>6.40</b>	0.12	0.92	<b>6.40</b>	-0.08	0.67	<b>10.00</b>	-1.59	2.62	<b>41.73</b>	-0.69	0.29	<b>3.07</b>	-2.13	0.48	
<b>YDXA2J</b>	<b>4.68</b>	-0.41	0.00	<b>7.16</b>	0.15	0.00	<b>24.96</b>	-0.09	0.00	<b>50.68</b>	0.94	0.00	<b>19.12</b>	0.00	0.00	

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
SRS1706				SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	6.00			6.67			25.8			45.5			19.1			
<b>Median Abs Dev</b>	1.96			1.83			3.8			3.3			3.8			
<b>Avg Within Lab SD</b>	0.76			1.03			1.7			1.6			2.1			
<b>Labs Included</b>	29			29			29			28			29			
<b>Labs Reporting</b>	29			29			29			29			29			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
														SRS1710				
SRS1706				SRS1707				SRS1708			SRS1709			SRS1710				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3GNWVG</b>	<b>6.50</b>			<b>3.40</b>		0.00	<b>8.33</b>		0.07	<b>9.83</b>		0.12	<b>35.27</b>		0.04			
<b>NGUHF2</b>	<b>36.33</b>		0.24	<b>21.33</b>		0.45	<b>29.00</b>		0.26	<b>39.33</b>		0.11	<b>147.00</b>		0.08			
<b>WR4PP9</b>	<b>11.67</b>		1.60	<b>10.00</b>		0.77	<b>40.00</b>		0.89	<b>31.00</b>		0.33	<b>68.67</b>		1.99			
<b>X6BTWN</b>	<b>13.10</b>		0.61	<b>6.79</b>		1.79	<b>34.67</b>		1.77	<b>31.74</b>		1.97	<b>111.50</b>		0.12			
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
														SRS1710				
SRS1706				SRS1707				SRS1708			SRS1709			SRS1710				
<b>Grand Median</b>		12.4				8.40				31.8			31.4			90.1		
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>		2.4				1.29				3.9			5.2			25.5		
<b>Labs Included</b>		4				4				4			4			4		
<b>Labs Reporting</b>		4				4				4			4			4		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8YWAN8</b>	<b>7.0</b>			<b>25.7</b>		0.5	<b>354.0</b>		1.4	<b>46.0</b>			<b>5.0</b>			
<b>FBV7XL</b>	<b>9.3</b>		1.4	<b>43.0</b>		1.4	<b>472.3</b>		1.1	<b>67.3</b>		0.4	<b>16.3</b>		1.4	
<b>WJDZBT</b>	<b>7.6</b>		0.3	<b>28.3</b>		0.9	<b>423.8</b>		0.2	<b>29.3</b>		1.4	<b>4.0</b>		0.1	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1706			SRS1707			SRS1708			SRS1709			SRS1710			
<b>Grand Median</b>	7.60			28.3			423.8			46.0			5.00			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.42			1.2			5.5			2.8			0.41			
<b>Labs Included</b>	3			3			3			3			3			
<b>Labs Reporting</b>	3			3			3			3			3			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8YWAN8</b>	<b>21.0</b>			<b>109.7</b>		0.6	<b>1.0</b>			<b>6.3</b>		0.8						
<b>FBV7XL</b>	<b>36.3</b>		1.0	<b>166.3</b>		1.3	<b>0.2</b>		1.0	<b>5.9</b>		1.1	<b>0.6</b>					1.0
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1706				SRS1707				SRS1708				SRS1709				SRS1710		
<b>Grand Median</b>	28.7			138.0			0.60			6.10			0.63					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	1.5			6.2			0.10			0.68			0.06					
<b>Labs Included</b>	2			2			2			2			1					
<b>Labs Reporting</b>	2			2			2			2			1					





ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Dry Matter (%) (SubTestCode 201)														Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3GNWVG	95.4	1.4	0.3	95.6	1.0	0.1	94.8	0.9	0.5	93.6	1.0	0.1			
8HMNYQ	95.0	1.3	0.6	97.2	2.0	0.4	96.8	2.3	0.7	95.1	2.1	1.5			
8YWAN8	91.9	-0.2	0.0	93.1	-0.7	0.0	93.2	-0.1	0.0	91.6	-0.6	0.0			
9Q99HT	90.2	-1.0	3.1	94.3	0.1	3.6	93.2	-0.2	3.1	91.8	-0.4	3.1			
B4RBDQ	93.5	0.5	1.1	94.2	0.0	0.6	93.4	0.0	0.4	91.2	-0.8	0.4			
BC88YC	88.8	-1.6	0.0	91.5	-1.8	0.0	92.2	-0.9	0.0	91.2	-0.8	0.0			
FLDNVY	93.6	0.6	1.5	94.3	0.1	0.3	93.5	0.0	0.6	92.1	-0.2	0.1			
HMG4V2	92.1	-0.1	0.0	93.7	-0.3	0.0	94.0	0.4	0.0	92.4	0.0	0.0			
JUGU3X	92.3	0.0	0.7	96.4	1.5	0.4	97.7	2.9	1.7	95.7	2.6	0.5			
NC2EMX	91.3	-0.5	0.1	93.6	-0.4	0.4	93.4	0.0	0.2	92.8	0.4	0.1			
NJJU9F	90.3	-0.9	0.3	92.6	-1.0	0.4	92.7	-0.5	0.2	92.0	-0.2	1.0			
RQB4DV	92.8	0.2	0.8	94.0	-0.1	0.9	92.7	-0.5	0.9	91.5	-0.6	0.9			
WM898M	92.6	0.1	0.3	93.7	-0.3	0.0	93.4	-0.1	0.4	92.6	0.2	0.1			
X8D3EJ	91.4	-0.4	0.5	94.7	0.3	0.2	94.4	0.6	0.2	92.6	0.2	0.9			
YFNDUP	94.9	1.2	0.0	94.7	0.4	0.0	94.3	0.6	0.0	92.3	0.0	0.0			

Dry Matter (%) (SubTestCode 201)														Data units: Percent	
	SRB1705			SRB1706			SRB1707			SRB1708					
Grand Median	92.3			94.2			93.4			92.3					
Median Abs Dev	1.2			0.5			0.7			0.5					
Avg Within Lab SD	0.2			0.3			0.2			0.2					
Labs Included	15			15			15			15					
Labs Reporting	15			15			15			15					



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9Q99HT	12.1	-0.6	0.1	384.1	-1.0	1.1	2,053.7	0.4	3.3	20,547.5	0.3	1.6	
B4RBDQ	59.8	0.1	1.2	400.3	-0.9	1.1	1,520.0	-1.0	0.6	17,533.3	-0.7	0.3	
CL9R26	24.3	-0.4	0.3	260.7	-2.0	0.3	1,107.7	-2.2	0.1	11,460.3	-2.6	2.5	
FLDNVY	44.5	-0.1	0.2	532.2	0.2	1.1	2,072.0	0.4	0.6	21,435.5	0.6	0.8	
JHJX2V	297.8	3.8	1.2	536.6	0.2	0.1	1,888.8	0.0	0.2	18,319.6	-0.4	0.4	
N4RMJU	51.0	0.0	0.9	457.0	-0.4	1.1	1,856.7	-0.1	1.1	17,566.7	-0.7	0.4	
NC2EMX	176.0	1.9	0.2	616.3	0.9	0.8	1,777.7	-0.3	0.4	24,613.3	1.6	0.2	
NJJU9F	42.3	-0.2	0.0	533.6	0.2	0.1	1,932.9	0.1	0.2	4,146.1	-4.9X	0.0	
NVC7PZ	54.0	0.0	0.2	314.3	-1.6	0.3	1,189.0	-1.9	0.3	18,342.7	-0.4	0.8	
QVRACQ	12.3	-0.6	0.9	491.7	-0.2	0.3	1,811.3	-0.3	0.8	17,885.2	-0.5	1.1	
REHMKN	41.7	-0.2	0.2	556.0	0.4	2.6	1,996.0	0.2	0.4	19,737.7	0.0	0.3	
RQB4DV	54.9	0.0	0.4	528.9	0.2	0.8	2,071.6	0.4	0.5	20,798.5	0.4	1.1	
WJDZBT	146.3	1.4	2.9	646.2	1.1	0.9	2,069.0	0.4	0.4	20,011.0	0.1	0.5	
X3LMCR	355.8	4.7X	3.3	979.2	3.8X	0.4	2,693.9	2.1	0.6	22,924.7	1.1	0.6	
X6BTWN	53.4	0.0	0.7	469.7	-0.3	0.3	1,906.7	0.0	0.3	19,466.7	0.0	0.2	

NO3 - N Cd Rd. (SubTestCode 202)					Data units: mg/kg	
	SRB1705	SRB1706	SRB1707	SRB1708		
Grand Median	52.2	510.3	1,906.7	19,602.2		
Median Abs Dev	10.2	49.5	147.1	1,499.8		
Avg Within Lab SD	10.5	49.8	79.2	703.3		
Labs Included	14	14	15	14		
Labs Reporting	15	15	15	15		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NO3 - N ISE (SubTestCode 203)											Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>62PGXK</b>	<b>244.3</b>		0.9	<b>803.0</b>		0.1	<b>2,306.7</b>	0.0	0.3	<b>20,533.3</b>	1.0	0.1
<b>8YWAN8</b>	<b>166.3</b>		0.1	<b>744.7</b>		0.2	<b>2,135.0</b>	-0.3		<b>18,147.3</b>	0.0	0.2
<b>BC88YC</b>	<b>303.8</b>		0.4	<b>653.7</b>		0.9	<b>1,972.9</b>	-0.5	0.1	<b>17,956.9</b>	-0.1	0.1
<b>DZ6Q37</b>	<b>243.3</b>		1.7	<b>837.7</b>		1.8	<b>2,636.7</b>	0.5	1.7	<b>22,000.0</b>	1.6	1.6
<b>X3LMCR</b>	<b>4,467.5</b>	<b>X</b>	40.5	<b>4,447.5</b>	<b>X</b>	19.6	<b>3,755.0</b>	2.1		<b>16,642.5</b>	-0.6	1.6

NO3 - N ISE (SubTestCode 203)											Data units: mg/kg
	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	243.8			773.8			2,306.7			18,147.3	
<b>Median Abs Dev</b>							330.0			1,504.8	
<b>Avg Within Lab SD</b>	11.8			32.3			83.0			1,007.0	
<b>Labs Included</b>	4			4			5			5	
<b>Labs Reporting</b>	5			5			5			5	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

<b>NO3 - N Oth. (SubTestCode 204)</b>										<b>Data units: mg/kg</b>
SRB1705			SRB1706			SRB1707			SRB1708	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>M4WU6B</b>	<b>1,490.1</b>		1.4	<b>1,406.8</b>		1.3	<b>2,790.0</b>		1.2	<b>10,867.9</b> 1.1
<b>YFNDUP</b>	<b>77.3</b>		0.0	<b>565.7</b>		0.6	<b>1,564.7</b>		0.8	<b>19,610.7</b> 0.9
<b>NO3 - N Oth. (SubTestCode 204)</b>										<b>Data units: mg/kg</b>
SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	783.7		986.2			2,177.3			15,239.3	
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	108.6		61.1			59.2			720.8	
<b>Labs Included</b>	2		2			2			2	
<b>Labs Reporting</b>	2		2			2			2	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

NH4-N (SubTestCode 205)										Data units: mg/kg
WebCode	SRB1705			SRB1706			SRB1707			SRB1708
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NC2EMX</b>	<b>91.7</b>		0.7	<b>146.0</b>		0.1	<b>191.7</b>		1.1	<b>286.0</b> 1.2
<b>NJJU9F</b>	<b>206.8</b>		1.3	<b>239.8</b>		1.4	<b>198.9</b>		0.9	<b>240.3</b> 0.7
NH4-N (SubTestCode 205)										Data units: mg/kg
	SRB1705			SRB1706			SRB1707			SRB1708
<b>Grand Median</b>	149.2			192.9			195.3			263.2
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	1.8			19.1			3.6			5.0
<b>Labs Included</b>	2			2			2			2
<b>Labs Reporting</b>	2			2			2			2



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PO4 - P (SubTestCode 206)													Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>4,210.0</b>	-0.1	0.6	<b>1,786.7</b>	0.0	0.9	<b>1,536.7</b>	0.1	0.9	<b>2,160.0</b>	-0.2	0.7		
<b>8YWAN8</b>	<b>4,459.7</b>	0.4	0.2	<b>1,820.9</b>	0.2	0.2	<b>1,590.9</b>	0.5	0.3	<b>2,310.0</b>	0.4	0.7		
<b>9Q99HT</b>	<b>4,199.0</b>	-0.1	2.0	<b>1,799.0</b>	0.1	0.8	<b>1,499.0</b>	-0.2	2.4	<b>2,389.2</b>	0.8	1.0		
<b>JHJX2V</b>	<b>4,534.0</b>	0.6	0.3	<b>1,655.9</b>	-0.7	0.3	<b>1,539.1</b>	0.1	0.4	<b>2,145.4</b>	-0.3	0.6		
<b>M4WU6B</b>	<b>1,767.5</b>	-5.3X	0.5	<b>792.8</b>	-5.4X	0.1	<b>1,490.5</b>	-0.3	0.4	<b>1,194.9</b>	-4.6X	0.2		
<b>NC2EMX</b>	<b>5,560.7</b>	2.7	0.2	<b>2,087.7</b>	1.6	0.6	<b>1,846.3</b>	2.3	0.3	<b>2,844.3</b>	2.8	0.4		
<b>NVC7PZ</b>	<b>3,978.7</b>	-0.6	1.1	<b>1,754.3</b>	-0.2	1.0	<b>1,617.7</b>	0.6	1.4	<b>2,271.3</b>	0.3	0.8		
<b>QVRACQ</b>	<b>3,640.6</b>	-1.3	0.2	<b>1,472.4</b>	-1.7	1.0	<b>1,349.9</b>	-1.3	0.5	<b>1,883.1</b>	-1.5	0.1		
<b>REHMKN</b>	<b>4,366.7</b>	0.2	0.6	<b>1,736.0</b>	-0.3	0.3	<b>1,517.0</b>	-0.1	0.2	<b>2,212.0</b>	0.0	0.4		
<b>WJDZBT</b>	<b>3,873.7</b>	-0.8	0.5	<b>1,361.3</b>	-2.3	0.5	<b>1,267.2</b>	-1.9	1.0	<b>2,054.7</b>	-0.7	2.0		
<b>X3LMCR</b>	<b>4,495.0</b>	0.5	2.0	<b>1,850.0</b>	0.3	2.5	<b>1,490.0</b>	-0.3		<b>2,165.0</b>	-0.2	1.9		
<b>X6BTWN</b>	<b>4,270.0</b>	0.0	0.9	<b>1,796.7</b>	0.1	0.7	<b>1,616.7</b>	0.6	0.8	<b>2,250.0</b>	0.2	0.5		

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB1705	SRB1706	SRB1707	SRB1708		
<b>Grand Median</b>	4,270.0	1,786.7	1,526.8	2,212.0		
<b>Median Abs Dev</b>	225.0	50.7	50.4	66.6		
<b>Avg Within Lab SD</b>	162.1	69.0	37.7	56.6		
<b>Labs Included</b>	11	11	12	11		
<b>Labs Reporting</b>	12	12	12	12		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SO4 - S (SubTestCode 207)										Data units: mg/kg
WebCode	SRB1705			SRB1706			SRB1707			SRB1708
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8YWAN8</b>	<b>1,080.7</b>		0.0	<b>356.3</b>		1.6	<b>213.5</b>		0.0	<b>1,084.5</b>
<b>BC88YC</b>	<b>3,339.7</b>		1.5	<b>537.7</b>		0.4	<b>459.1</b>		0.5	<b>1,118.9</b> 0.8
<b>NC2EMX</b>	<b>3,890.7</b>		0.8	<b>556.7</b>		0.3	<b>538.3</b>		1.7	<b>1,263.0</b> 1.2
SO4 - S (SubTestCode 207)										Data units: mg/kg
	SRB1705			SRB1706			SRB1707			SRB1708
<b>Grand Median</b>	3,339.7			537.7			459.1			1,118.9
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	58.2			37.4			10.6			24.3
<b>Labs Included</b>	3			3			3			3
<b>Labs Reporting</b>	3			3			3			3





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

CI (SubTestCode 208)													Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
62PGXK	1.29	-0.39	0.71	0.14	0.20	1.91	0.47	-0.02	0.61	2.44	0.00	0.22		
8HMNYQ	1.66	1.64	3.32	0.28	1.29	1.12	0.47	0.06	0.90	3.00	1.70	1.24		
8YWAN8	1.54	0.98	0.61	0.11	-0.03	0.03	0.58	1.49	0.00	2.76	0.98	0.22		
AJP7AQ	1.09	-1.51	0.39	0.10	-0.17	0.16	0.40	-0.86	0.19	2.20	-0.72	0.09		
CL9R26	1.41	0.25	0.61	0.41	2.35	1.06	0.46	-0.11	0.35	2.13	-0.94	3.02		
DRRH26	1.34	-0.14	0.20	0.11	-0.09	0.24	0.47	0.02	0.29	2.43	-0.02	0.16		
JHJX2V	1.17	-1.09	0.31	1.35	9.83X	0.65	0.60	1.74	0.45	3.32	2.68	0.32		
KLXV4C	1.22	-0.78	0.82	0.06	-0.47	0.09	0.40	-0.88	0.19	2.33	-0.34	0.33		
NC2EMX	1.42	0.32	0.31	0.14	0.20	0.88	0.55	1.10	0.17	2.70	0.80	0.92		
NJJU9F	1.38	0.11	0.52	0.08	-0.30	0.02	0.45	-0.28	0.09	2.52	0.25	0.03		
NVC7PZ	1.46	0.54	0.42	0.23	0.86	0.24	0.42	-0.62	0.29	2.67	0.70	0.49		
REHMKN	1.30	-0.34	0.31	0.09	-0.23	0.85	0.43	-0.45	0.61	2.37	-0.20	0.33		
RQB4DV	1.35	-0.11	0.34	0.12	0.03	0.02	0.47	0.06	0.03	2.44	0.00	0.11		
UJY2Y6	0.17	-6.55X	0.68	0.05	-0.52	0.02	0.09	-4.85X	0.33	0.84	-4.85X	0.40		
X3LMCR	1.58	1.20	1.27	0.36	1.94	2.22	0.63	2.13	3.70	2.66	0.66	1.22		
X6BTWN	1.52	0.85	0.61	0.35	1.88	1.85	0.49	0.34	0.32	2.30	-0.41	1.51		
YFNDUP	1.27	-0.54	0.23	0.09	-0.23	0.00	0.42	-0.62	0.00	2.31	-0.39	0.19		

CI (SubTestCode 208)					Data units: Percent	
	SRB1705	SRB1706	SRB1707	SRB1708		
Grand Median	1.36	0.12	0.47	2.44		
Median Abs Dev	0.10	0.03	0.04	0.18		
Avg Within Lab SD	0.05	0.02	0.03	0.09		
Labs Included	16	16	16	16		
Labs Reporting	17	17	17	17		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>8HMNYQ</b>	<b>4.50</b>	-0.11	1.51	<b>2.68</b>	-0.16	2.55	<b>2.57</b>	1.66	1.71	<b>3.47</b>	1.80	1.98	
<b>8YWAN8</b>	<b>4.31</b>	-0.56	0.12	<b>2.49</b>	-1.20	0.36	<b>2.24</b>	-0.41	1.47	<b>2.49</b>	-0.30	0.47	
<b>9Q99HT</b>	<b>3.50</b>	-2.53	2.13	<b>2.60</b>	-0.63	0.57	<b>2.12</b>	-1.14	1.33	<b>2.96</b>	0.70	1.32	
<b>H87JGH</b>	<b>4.56</b>	0.05	0.27	<b>2.70</b>	-0.08	0.07	<b>2.31</b>	0.03	0.46	<b>2.48</b>	-0.33	0.71	
<b>JUGU3X</b>	<b>4.49</b>	-0.12	0.16	<b>2.73</b>	0.08	0.17	<b>2.30</b>	-0.03	0.27	<b>2.55</b>	-0.18	0.16	
<b>NJJU9F</b>	<b>5.17</b>	1.51	0.39	<b>2.98</b>	1.50	0.09	<b>2.56</b>	1.57	0.24	<b>2.68</b>	0.09	0.21	
<b>NVC7PZ</b>	<b>4.67</b>	0.31	1.07	<b>2.81</b>	0.54	0.81	<b>2.24</b>	-0.44	0.73	<b>3.67</b>	2.23	0.42	
<b>WM898M</b>	<b>4.75</b>	0.50	0.18	<b>2.42</b>	-1.59	1.49	<b>2.25</b>	-0.33	1.28	<b>2.22</b>	-0.90	0.85	
<b>X6BTWN</b>	<b>4.96</b>	1.01	0.57	<b>2.83</b>	0.67	0.30	<b>2.35</b>	0.27	0.41	<b>2.59</b>	-0.09	1.54	
<b>X8D3EJ</b>	<b>4.52</b>	-0.05	1.18	<b>2.76</b>	0.29	0.23	<b>2.45</b>	0.87	0.69	<b>2.69</b>	0.12	0.53	

TKN (SubTestCode 209)					Data units: Percent			
	SRB1705		SRB1706		SRB1707		SRB1708	
<b>Grand Median</b>	4.54		2.71		2.31		2.63	
<b>Median Abs Dev</b>	0.17		0.11		0.07		0.15	
<b>Avg Within Lab SD</b>	0.14		0.19		0.07		0.08	
<b>Labs Included</b>	10		10		10		10	
<b>Labs Reporting</b>	10		10		10		10	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

**N- Dry Comb. (SubTestCode 210)**

**Data units: Percent**

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>3GMUC4</b>	<b>4.71</b>	-0.08	0.94	<b>2.76</b>	-0.44	0.08	<b>2.36</b>	-0.43	2.24	<b>3.76</b>	-0.19	0.63
<b>3GNWVG</b>	<b>4.73</b>	-0.05	0.79	<b>2.80</b>	-0.16	0.04	<b>2.49</b>	0.00	0.00	<b>3.81</b>	0.05	0.24
<b>4JQ89W</b>	<b>4.81</b>	0.16	0.36	<b>2.86</b>	0.21	0.00	<b>2.48</b>	-0.03	0.21	<b>3.81</b>	0.05	0.00
<b>62PGXK</b>	<b>5.12</b>	0.89	0.29	<b>2.72</b>	-0.73	0.16	<b>2.44</b>	-0.16	0.42	<b>3.96</b>	0.78	1.17
<b>8HMNYQ</b>	<b>4.50</b>	-0.60	3.09	<b>2.68</b>	-0.94	3.76	<b>2.57</b>	0.27	2.34	<b>3.47</b>	-1.65	3.60
<b>8YWAN8</b>	<b>4.68</b>	-0.16	0.42	<b>2.84</b>	0.05	0.15	<b>2.45</b>	-0.13	0.27	<b>3.77</b>	-0.12	0.04
<b>AJP7AQ</b>	<b>4.75</b>	0.00	0.82	<b>2.79</b>	-0.24	0.04	<b>2.41</b>	-0.25	0.08	<b>3.73</b>	-0.36	0.35
<b>B4RBDQ</b>	<b>4.61</b>	-0.33	1.06	<b>2.79</b>	-0.23	0.08	<b>2.47</b>	-0.06	0.54	<b>3.80</b>	0.01	0.01
<b>BC88YC</b>	<b>4.82</b>	0.18	0.82	<b>3.01</b>	1.16	0.97	<b>2.58</b>	0.29	0.47	<b>3.88</b>	0.42	1.48
<b>CL9R26</b>	<b>4.75</b>	0.01	0.52	<b>2.78</b>	-0.33	0.23	<b>2.51</b>	0.07	1.31	<b>3.74</b>	-0.29	1.04
<b>DRRH26</b>	<b>4.91</b>	0.38	0.58	<b>2.87</b>	0.30	0.51	<b>2.61</b>	0.40	2.01	<b>3.55</b>	-1.22	0.36
<b>DZ6Q37</b>	<b>4.55</b>	-0.47	1.01	<b>2.71</b>	-0.75	0.23	<b>2.44</b>	-0.17	1.89	<b>3.73</b>	-0.34	2.41
<b>FLDNVY</b>	<b>5.04</b>	0.70	0.35	<b>3.04</b>	1.38	0.08	<b>2.71</b>	0.72	0.27	<b>4.19</b>	1.91	0.11
<b>FZYVW7</b>	<b>29.33</b>	<b>58.58X</b>	1.01	<b>17.23</b>	<b>94.12X</b>	0.19	<b>15.28</b>	<b>41.61X</b>	1.28	<b>23.37</b>	<b>96.95X</b>	3.04
<b>JEMB6M</b>	<b>4.76</b>	0.04	0.74	<b>2.86</b>	0.21	0.08	<b>2.50</b>	0.03	0.21	<b>3.86</b>	0.32	0.36
<b>JHJX2V</b>	<b>4.74</b>	-0.01	0.69	<b>2.81</b>	-0.10	0.20	<b>2.52</b>	0.11	1.84	<b>3.83</b>	0.14	0.27
<b>JHMF32</b>	<b>2.75</b>	-4.75	0.51	<b>3.18</b>	2.30	0.36	<b>4.39</b>	6.18	0.64	<b>3.00</b>	-3.96	0.12
<b>JUGU3X</b>	<b>4.59</b>	-0.36	0.54	<b>2.79</b>	-0.24	0.22	<b>2.45</b>	-0.12	0.33	<b>3.67</b>	-0.65	0.79
<b>LGJWTV</b>	<b>4.74</b>	-0.01	1.21	<b>2.83</b>	0.02	0.20	<b>2.47</b>	-0.08	0.53	<b>3.76</b>	-0.18	0.27
<b>MJMWLE</b>	<b>1.47</b>	-7.81		<b>3.66</b>	5.44		<b>4.80</b>	7.51		<b>4.48</b>	3.39	
<b>N4RMJU</b>	<b>4.80</b>	0.12	0.55	<b>2.83</b>	0.02	0.54	<b>2.63</b>	0.46	1.11	<b>3.89</b>	0.43	1.07
<b>NC2EMX</b>	<b>4.63</b>	-0.27	0.22	<b>2.78</b>	-0.31	0.15	<b>2.40</b>	-0.28	0.60	<b>3.84</b>	0.19	0.69
<b>NJJU9F</b>	<b>5.32</b>	1.36	0.17	<b>2.98</b>	1.01	0.07	<b>2.67</b>	0.58	0.10	<b>4.12</b>	1.57	0.45
<b>QVRACQ</b>	<b>4.68</b>	-0.16	1.94	<b>2.72</b>	-0.73	0.31	<b>2.33</b>	-0.53	0.87	<b>3.68</b>	-0.61	0.49
<b>REHMKN</b>	<b>4.71</b>	-0.09	1.24	<b>2.83</b>	0.04	0.14	<b>2.55</b>	0.21	0.31	<b>3.80</b>	0.00	0.23
<b>RQB4DV</b>	<b>4.80</b>	0.12	0.58	<b>2.81</b>	-0.12	0.01	<b>2.42</b>	-0.24	0.26	<b>3.76</b>	-0.20	0.74



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>UJY2Y6</b>	<b>4.83</b>	0.19	0.33	<b>3.08</b>	1.64	3.42	<b>2.46</b>	-0.11	0.61	<b>3.77</b>	-0.17	0.34		
<b>X3LMCR</b>	<b>4.81</b>	0.14	1.04	<b>2.84</b>	0.11	0.20	<b>2.51</b>	0.05	0.25	<b>3.80</b>	0.01	0.32		
<b>XEDFF9</b>	<b>4.78</b>	0.07	1.40	<b>2.83</b>	0.00	0.02	<b>2.51</b>	0.06	0.29	<b>3.82</b>	0.09	0.12		
<b>YFNDUP</b>	<b>4.77</b>	0.05	0.38	<b>2.77</b>	-0.36	0.12	<b>2.49</b>	-0.01	0.24	<b>3.75</b>	-0.26	0.14		
N- Dry Comb. (SubTestCode 210)													Data units: Percent	
	SRB1705			SRB1706			SRB1707			SRB1708				
<b>Grand Median</b>	4.75			2.83			2.49			3.80				
<b>Median Abs Dev</b>	0.07			0.05			0.05			0.06				
<b>Avg Within Lab SD</b>	0.07			0.13			0.05			0.04				
<b>Labs Included</b>	29			29			29			29				
<b>Labs Reporting</b>	30			30			30			30				



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

S- Dry Comb. (SubTestCode 211)										Data units: Percent		
SRB1705			SRB1706			SRB1707			SRB1708			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>3GNWVG</b>	<b>0.70</b>		1.00	<b>0.21</b>		1.00	<b>0.19</b>		1.00	<b>0.24</b>		1.00

S- Dry Comb. (SubTestCode 211)					Data units: Percent		
SRB1705		SRB1706		SRB1707		SRB1708	
<b>Grand Median</b>	0.70	0.21	0.19	0.24			
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.01	0.01	0.00	0.00			
<b>Labs Included</b>	1	1	1	1			
<b>Labs Reporting</b>	1	1	1	1			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: Percent

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	0.69	0.27	0.64	0.28	-0.01	0.96	0.21	-1.35	0.58	0.35	0.86	0.42
3GMUC4	0.70	0.35	1.49	0.29	0.36	1.62	0.25	0.08	0.88	0.34	0.71	1.21
3GNWVG	0.68	0.09	0.24	0.28	-0.08	1.06	0.26	0.61	2.21	0.28	-0.97	0.40
4JQ89W	0.64	-0.63	1.20	0.27	-0.52	1.23	0.23	-0.85	1.01	0.30	-0.37	1.06
8HMNYQ	0.58	-1.51	0.83	0.56	8.99X	1.23	0.21	-1.64	1.01	0.20	-3.34	1.06
8YWAN8	0.73	0.88	0.59	0.30	0.41	0.52	0.25	0.14	0.24	0.31	-0.10	0.04
9Q99HT	0.62	-0.96	1.36	0.27	-0.38	1.99	0.22	-1.17	0.66	0.30	-0.53	0.73
AJP7AQ	0.70	0.38	1.94	0.33	1.50	0.70	0.27	0.76	3.36	0.38	1.83	2.45
B4RBDQ	0.79	1.67	3.54	0.31	1.04	2.44	0.27	0.98	1.19	0.35	1.09	1.55
CL9R26	0.70	0.30	0.24	0.29	0.25	1.06	0.26	0.34	0.51	0.32	0.22	0.40
DKQEL7	0.57	-1.73	0.84	0.22	-1.91	0.68	0.20	-1.88	1.14	0.30	-0.56	1.63
DRRH26	0.69	0.15	0.24	0.29	0.14	1.23	0.24	-0.32	0.88	0.32	0.02	0.40
DZ6Q37	0.67	-0.11	0.94	0.28	-0.05	0.75	0.25	0.06	0.48	0.31	-0.10	0.56
FLDNVY	0.83	2.30	0.44	0.33	1.60	0.39	0.30	1.89	0.18	0.37	1.55	0.28
FZYVW7	0.67	-0.15	0.13	0.28	0.03	0.61	0.25	-0.03	0.13	0.31	-0.12	0.12
H87JGH	0.63	-0.69	0.61	0.30	0.54	0.37	0.23	-0.58	0.03	0.33	0.54	0.20
HMG4V2	0.72	0.73	1.14	0.30	0.50	0.52	0.26	0.44	0.35	0.37	1.65	0.65
JHJX2V	0.80	1.85	0.06	0.31	0.97	0.28	0.27	0.88	0.13	0.31	-0.10	0.11
JHMF32	0.66	-0.24	0.41	0.27	-0.25	0.87	0.26	0.39	0.72	0.34	0.69	0.83
JUGU3X	0.67	-0.16	0.07	0.28	0.01	0.31	0.24	-0.18	0.13	0.31	-0.17	0.14
LGJWTV	0.68	0.03	0.11	0.28	-0.16	0.27	0.24	-0.22	0.05	0.30	-0.46	0.16
LJTP3B	0.63	-0.79	1.10	0.25	-1.18	0.50	0.21	-1.32	0.40	0.27	-1.25	0.29
MJMWLE	0.65	-0.41		0.32	1.09		0.28	1.39		0.35	0.94	
N4RMJU	0.74	0.97	1.44	0.31	0.79	1.23	0.26	0.48	0.88	0.35	0.91	1.06
NC2EMX	0.69	0.25	0.24	0.31	0.79	0.61	0.26	0.61	0.51	0.31	-0.08	0.40
NJJU9F	0.76	1.28	0.54	0.30	0.69	0.64	0.27	0.68	0.29	0.34	0.61	0.72



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQFN7E	0.37	-4.70X	0.17	0.15	-4.49	0.12	0.13	-4.75X	0.00	0.12	-5.72X	0.00	
NVC7PZ	0.71	0.46	0.37	0.29	0.22	1.01	0.25	0.03	0.83	0.32	0.05	0.66	
PVUG4Y	0.65	-0.37	0.50	0.27	-0.39	0.37	0.21	-1.56	0.25	0.31	-0.07	0.22	
QVRACQ	0.58	-1.47	0.79	0.23	-1.57	1.36	0.21	-1.67	0.75	0.31	-0.25	0.47	
REHMKN	0.66	-0.25	0.85	0.27	-0.42	0.72	0.23	-0.70	0.40	0.32	-0.02	0.06	
RQB4DV	0.67	-0.16	0.53	0.29	0.37	0.85	0.26	0.39	0.42	0.33	0.28	0.12	
U7A393	0.71	0.54	0.27	0.31	0.77	1.82	0.25	0.24	1.54	0.36	1.37	0.60	
UJY2Y6	0.71	0.58	0.90	0.26	-0.70	1.14	0.25	-0.03	1.22	0.33	0.48	0.58	
WJDZBT	0.68	-0.03	1.36	0.27	-0.46	0.57	0.25	0.17	1.82	0.31	-0.30	0.42	
WM898M	0.63	-0.79	0.24	0.28	-0.19	0.61	0.25	-0.05	1.34	0.35	0.91	0.40	
X3LMCR	0.60	-1.23	0.18	0.26	-0.65	1.15	0.23	-0.74	0.51	0.33	0.44	3.05	
X6BTWN	0.65	-0.45	0.73	0.27	-0.28	1.23	0.23	-0.69	1.34	0.26	-1.59	2.82	
X8D3EJ	0.73	0.87	0.86	0.28	-0.08	1.06	0.24	-0.18	0.51	0.31	-0.28	0.40	
XEDFF9	0.64	-0.64	1.44	0.25	-1.03	0.34	0.23	-0.80	0.51	0.29	-0.88	0.37	
YFNDUP	0.69	0.25	0.24	0.29	0.14	0.61	0.26	0.48	0.00	0.33	0.32	0.40	

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1705	SRB1706	SRB1707	SRB1708		
Grand Median	0.68	0.28	0.25	0.32		
Median Abs Dev	0.03	0.01	0.01	0.02		
Avg Within Lab SD	0.02	0.01	0.01	0.01		
Labs Included	40	40	40	40		
Labs Reporting	41	41	41	41		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K (SubTestCode 213) in the Wet Digestion Property Groups												Data units: Percent		
WebCode	SRB1705			SRB1706			SRB1707			SRB1708				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3783NU	3.78	0.54	0.57	1.92	0.04	1.02	2.17	-0.48	0.90	11.43	1.86	0.14		
3GMUC4	3.58	0.03	0.61	1.92	0.00	0.36	2.29	0.00	0.36	9.54	0.26	0.22		
3GNWVG	4.45	2.20	1.37	1.77	-0.90	1.23	2.13	-0.66	0.62	10.28	0.89	0.92		
4JQ89W	3.28	-0.71	1.37	1.77	-0.90	1.12	2.08	-0.86	0.71	8.84	-0.34	0.69		
8HMNYQ	3.24	-0.80	0.57	1.67	-1.54	1.17	2.32	0.12	1.62	9.91	0.57	3.13		
8YWAN8	3.68	0.28	0.65	1.98	0.39	0.20	2.29	0.00	0.25	9.41	0.14	0.34		
9Q99HT	3.23	-0.82	2.17	1.83	-0.55	2.99	2.16	-0.53	1.39	8.88	-0.30	2.21		
AJP7AQ	3.30	-0.66	0.72	1.96	0.27	0.09	1.97	-1.29	4.50	8.91	-0.27	1.04		
B4RBDQ	4.23	1.65	1.46	2.16	1.48	2.28	2.74	1.84	0.15	9.80	0.48	0.79		
CL9R26	3.72	0.40	0.58	2.04	0.79	0.53	2.43	0.57	0.22	10.20	0.82	0.27		
DKQEL7	3.13	-1.07	1.16	1.60	-1.97	1.17	1.95	-1.39	1.00	9.09	-0.12	0.75		
DRRH26	3.43	-0.34	2.30	1.88	-0.22	1.43	2.17	-0.49	1.06	8.05	-1.00	0.80		
DZ6Q37	3.57	0.02	0.34	1.92	0.02	0.81	2.33	0.16	0.41	8.50	-0.62	0.66		
FLDNVY	4.13	1.40	0.50	2.13	1.32	0.39	2.59	1.23	0.20	11.03	1.52	0.20		
FZYVW7	3.55	-0.02	0.98	1.91	-0.03	0.24	2.29	0.01	0.61	7.54	-1.43	0.53		
H87JGH	3.89	0.81	0.33	1.96	0.30	0.47	2.38	0.40	0.15	9.84	0.52	0.36		
HMG4V2	3.86	0.73	0.85	1.93	0.06	0.71	2.39	0.44	0.11	10.06	0.70	0.31		
JHJX2V	3.63	0.17	0.09	1.92	0.00	0.15	2.43	0.58	0.16	9.38	0.12	0.93		
JHMF32	3.09	-1.17	0.46	1.87	-0.27	0.78	2.33	0.16	0.36	7.39	-1.56	0.38		
JUGU3X	3.67	0.26	0.07	1.97	0.32	0.08	2.41	0.51	0.06	9.63	0.34	0.19		
LGJWTV	3.65	0.22	0.37	1.92	0.02	0.62	2.39	0.41	0.04	9.70	0.39	0.12		
LJTP3B	3.40	-0.40	1.11	1.70	-1.34	0.49	2.14	-0.62	0.57	8.78	-0.39	0.78		
MJMWLE	3.16	-0.99		2.00	0.54		2.46	0.72		9.07	-0.14			
N4RMJU	3.63	0.17	1.78	1.97	0.33	0.56	2.37	0.36	0.25	9.57	0.28	0.70		
NC2EMX	3.30	-0.64	0.14	1.93	0.09	0.14	2.24	-0.19	0.49	7.67	-1.33	0.07		
NJJU9F	3.99	1.07	0.08	2.02	0.62	0.58	2.44	0.64	0.19	10.06	0.70	0.61		





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K (SubTestCode 213) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQFN7E	1.75	-4.49X	0.00	0.94	-6.02X	0.00	1.08	-4.94X	0.00	2.10	-6.04X	0.00	
NVC7PZ	3.81	0.61	0.36	1.97	0.31	0.64	2.39	0.40	0.53	9.72	0.41	0.70	
PVUG4Y	3.47	-0.22	0.85	1.83	-0.51	0.29	1.70	-2.41	0.25	9.07	-0.14	0.00	
QVRACQ	3.13	-1.07	1.19	1.74	-1.09	0.89	2.02	-1.09	0.67	8.14	-0.92	0.35	
REHMKN	3.56	-0.01	0.62	1.87	-0.30	0.21	2.27	-0.08	0.21	9.47	0.20	0.19	
RQB4DV	3.57	0.01	0.40	1.85	-0.40	0.29	2.21	-0.30	0.22	9.05	-0.16	0.27	
U7A393	3.64	0.19	0.51	1.93	0.09	1.53	2.29	0.03	0.99	10.43	1.02	0.71	
UJY2Y6	3.85	0.71	0.50	2.12	1.27	0.88	2.69	1.66	0.16	10.76	1.29	0.20	
WJDZBT	3.35	-0.52	1.29	1.71	-1.28	0.86	2.16	-0.54	0.55	8.78	-0.39	0.75	
WM898M	3.95	0.96	1.28	2.19	1.67	1.41	3.43	4.70X	3.12	6.77	-2.09	0.33	
X3LMCR	3.14	-1.06	1.16	1.78	-0.86	0.94	2.22	-0.26	0.47	8.99	-0.21	0.40	
X6BTWN	3.17	-0.97	0.29	1.73	-1.17	1.82	1.93	-1.45	2.24	7.71	-1.29	3.73	
X8D3EJ	3.21	-0.87	0.19	1.72	-1.19	0.22	2.15	-0.56	0.07	8.86	-0.32	0.26	
XEDFF9	2.95	-1.52	2.06	1.65	-1.65	0.44	1.72	-2.34	0.40	9.88	0.55	0.35	
YFNDUP	3.29	-0.69	0.41	1.78	-0.84	0.75	2.16	-0.51	0.15	8.17	-0.90	0.29	

K (SubTestCode 213) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1705	SRB1706	SRB1707	SRB1708		
Grand Median	3.56	1.92	2.29	9.23		
Median Abs Dev	0.27	0.08	0.12	0.59		
Avg Within Lab SD	0.11	0.07	0.14	0.41		
Labs Included	40	40	39	40		
Labs Reporting	41	41	41	41		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: Percent

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	0.31	-0.14	0.33	1.84	-0.07	0.15	0.50	-0.34	0.21	1.81	0.21	0.21
3GMUC4	0.31	-0.21	0.79	1.89	0.17	0.51	0.52	-0.01	0.32	1.79	0.06	0.66
3GNWVG	0.29	-0.62	0.14	1.78	-0.42	1.12	0.49	-0.63	0.77	1.98	1.30	0.85
4JQ89W	0.26	-1.59	0.46	1.75	-0.55	1.39	0.45	-1.28	0.32	1.76	-0.14	1.38
8HMNYQ	0.26	-1.51	0.79	1.61	-1.32	1.02	0.50	-0.37	1.38	1.75	-0.20	2.44
8YWAN8	0.32	0.15	0.21	2.05	1.00	0.65	0.53	0.19	0.28	1.79	0.08	0.20
9Q99HT	0.28	-1.10	2.47	1.78	-0.40	2.73	0.50	-0.45	2.35	1.67	-0.72	1.52
AJP7AQ	0.26	-1.49	1.09	1.88	0.11	0.41	0.42	-1.84	3.47	1.76	-0.14	1.56
B4RBDQ	0.34	0.55	0.79	2.08	1.18	2.42	0.55	0.46	1.92	1.97	1.26	2.42
CL9R26	0.34	0.48	0.46	2.00	0.75	0.13	0.56	0.77	0.18	1.90	0.81	0.18
DKQEL7	0.27	-1.30	0.24	1.55	-1.64	1.47	0.43	-1.60	1.36	1.59	-1.23	0.84
DRRH26	0.31	-0.12	0.91	1.85	-0.02	1.48	0.51	-0.19	0.32	1.75	-0.20	0.89
DZ6Q37	0.34	0.49	0.34	1.96	0.52	1.89	0.54	0.27	1.22	1.80	0.17	1.29
FLDNVY	0.37	1.31	0.76	2.36	2.64	0.47	0.61	1.65	0.26	2.27	3.17	0.18
FZYVW7	0.32	0.04	0.69	1.84	-0.07	0.43	0.51	-0.17	0.10	1.73	-0.29	0.61
H87JGH	0.33	0.44	0.16	2.15	1.52	0.59	0.57	0.83	0.54	1.81	0.19	0.43
HMG4V2	0.32	-0.04	0.24	1.91	0.26	0.26	0.56	0.74	0.62	2.03	1.65	0.48
JHJX2V	0.36	1.21	0.33	2.45	3.14	0.72	0.62	1.73	0.11	1.96	1.16	0.30
JHMF32	0.30	-0.49	0.56	1.90	0.21	0.29	0.53	0.15	0.29	1.76	-0.14	0.37
JUGU3X	0.31	-0.28	0.12	1.87	0.08	0.03	0.52	0.03	0.08	1.74	-0.22	0.13
LJTP3B	0.33	0.18	1.59	1.62	-1.25	0.46	0.52	-0.07	0.88	1.57	-1.34	0.63
MJMWLE	0.28	-1.09		1.97	0.62		0.56	0.75		1.88	0.64	
N4RMJU	0.33	0.31	0.79	1.90	0.23	0.46	0.54	0.35	0.00	1.77	-0.03	0.38
NC2EMX	0.43	3.00	2.54	2.04	0.95	0.26	0.66	2.46	0.66	1.84	0.38	0.07
NJJU9F	0.35	0.89	0.52	2.02	0.84	0.28	0.55	0.51	0.10	1.89	0.70	0.55
NQFN7E	0.87	14.39X	0.00	1.11	-3.95X	0.00	0.71	3.45X	0.00	2.47	4.47X	0.00



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>NVC7PZ</b>	<b>0.32</b>	0.06	1.38	<b>1.90</b>	0.20	1.20	<b>0.52</b>	-0.03	1.38	<b>1.80</b>	0.12	0.78		
<b>PVUG4Y</b>	<b>0.28</b>	-0.94	0.41	<b>1.62</b>	-1.26	0.09	<b>0.34</b>	-3.29	0.24	<b>1.53</b>	-1.58	0.10		
<b>QVRACQ</b>	<b>0.31</b>	-0.32	1.18	<b>1.67</b>	-0.99	1.26	<b>0.47</b>	-0.93	0.61	<b>1.61</b>	-1.05	0.04		
<b>REHMKN</b>	<b>0.34</b>	0.56	0.48	<b>1.86</b>	0.02	0.23	<b>0.52</b>	0.01	0.37	<b>1.78</b>	0.03	0.11		
<b>RQB4DV</b>	<b>0.34</b>	0.55	1.12	<b>1.83</b>	-0.16	0.24	<b>0.54</b>	0.34	0.28	<b>1.71</b>	-0.46	0.37		
<b>U7A393</b>	<b>0.30</b>	-0.41	0.76	<b>1.84</b>	-0.11	1.25	<b>0.49</b>	-0.49	0.83	<b>1.81</b>	0.21	0.78		
<b>UJY2Y6</b>	<b>0.32</b>	0.09	0.81	<b>1.84</b>	-0.07	0.41	<b>0.54</b>	0.43	0.50	<b>1.95</b>	1.09	0.74		
<b>WJDZBT</b>	<b>0.30</b>	-0.45	1.28	<b>1.65</b>	-1.07	0.97	<b>0.50</b>	-0.46	0.54	<b>1.62</b>	-1.01	0.52		
<b>WM898M</b>	<b>0.38</b>	1.52	1.21	<b>1.81</b>	-0.23	0.07	<b>0.56</b>	0.71	0.95	<b>1.72</b>	-0.37	0.36		
<b>X3LMCR</b>	<b>0.29</b>	-0.66	0.12	<b>1.83</b>	-0.14	1.46	<b>0.53</b>	0.08	0.77	<b>1.72</b>	-0.39	0.42		
<b>X6BTWN</b>	<b>0.32</b>	0.05	1.58	<b>1.80</b>	-0.28	0.70	<b>0.51</b>	-0.19	1.38	<b>1.49</b>	-1.86	3.09		
<b>X8D3EJ</b>	<b>0.51</b>	4.90X	6.39	<b>2.80</b>	5.00X	0.72	<b>0.85</b>	6.02X	2.63	<b>2.70</b>	5.96X	0.83		
<b>XEDFF9</b>	<b>0.32</b>	0.17	1.67	<b>1.92</b>	0.34	0.31	<b>0.52</b>	-0.02	0.47	<b>1.78</b>	0.03	0.32		
<b>YFNDUP</b>	<b>0.29</b>	-0.81	0.46	<b>1.71</b>	-0.79	0.32	<b>0.48</b>	-0.79	0.18	<b>1.62</b>	-1.00	0.25		

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
	SRB1705			SRB1706			SRB1707			SRB1708				
<b>Grand Median</b>	0.32			1.86			0.52			1.78				
<b>Median Abs Dev</b>	0.02			0.08			0.03			0.06				
<b>Avg Within Lab SD</b>	0.01			0.08			0.03			0.08				
<b>Labs Included</b>	38			38			38			38				
<b>Labs Reporting</b>	40			40			40			40				



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3783NU	0.20	0.60	0.08	0.47	0.32	1.19	0.27	-0.39	0.40	0.73	0.34	0.18	
3GMUC4	0.18	0.00	0.00	0.45	-0.01	0.00	0.29	0.08	0.00	0.71	0.16	0.19	
4JQ89W	0.16	-0.64	2.05	0.42	-0.71	1.88	0.26	-0.58	1.02	0.69	-0.18	1.26	
8HMNYQ	0.19	0.25	0.78	0.42	-0.64	1.13	0.31	0.58	1.77	0.73	0.41	2.33	
8YWAN8	0.20	0.86	0.51	0.49	0.75	0.31	0.33	0.98	0.42	0.79	1.14	0.80	
9Q99HT	0.17	-0.30	1.63	0.45	-0.12	2.91	0.29	0.17	1.77	0.70	-0.03	1.21	
AJP7AQ	0.14	-1.37	0.67	0.41	-0.81	0.04	0.24	-1.22	3.79	0.67	-0.34	0.96	
B4RBDQ	0.22	1.64	3.28	0.48	0.65	0.69	0.29	0.04	0.28	0.74	0.55	0.52	
CL9R26	0.18	-0.13	0.78	0.50	1.03		0.32	0.74	0.39	0.69	-0.10	0.96	
DKQEL7	0.15	-1.15	1.17	0.38	-1.57	1.26	0.24	-1.14	1.08	0.65	-0.70	1.14	
DRRH26	0.17	-0.51	0.78	0.39	-1.26	1.73	0.26	-0.66	0.67	0.64	-0.82	1.50	
DZ6Q37	0.18	0.16	0.38	0.45	0.08	0.63	0.30	0.23	0.15	0.69	-0.10	0.44	
FLDNVY	0.21	1.27	0.08	0.51	1.25	0.34	0.34	1.23	0.37	0.81	1.35	0.30	
FZYVW7	0.18	-0.09	0.63	0.46	0.17	0.40	0.30	0.32	0.64	0.69	-0.08	0.85	
H87JGH	0.20	0.83	0.20	0.51	1.16	0.09	0.33	1.18	0.28	0.73	0.43	0.51	
HMG4V2	0.19	0.20	0.39	0.44	-0.21	0.59	0.29	0.00	0.04	0.76	0.81	0.52	
JHJX2V	0.22	1.40	0.21	0.49	0.76	0.44	0.33	1.13	0.17	0.83	1.71	1.10	
JHMF32	0.16	-0.76	1.52	0.45	0.04	0.36	0.28	-0.13	0.66	0.70	0.00	0.32	
JUGU3X	0.19	0.34	0.13	0.47	0.31	0.36	0.31	0.46	0.10	0.72	0.26	0.27	
LJTP3B	0.17	-0.42	0.82	0.39	-1.30	0.47	0.25	-0.83	0.48	0.62	-1.08	0.37	
MJMWLE	0.17	-0.53		0.47	0.44		0.32	0.77		0.77	0.92		
N4RMJU	0.22	1.40	1.55	0.54	1.93	0.75	0.35	1.56	0.00	0.86	1.99	0.38	
NC2EMX	0.23	2.04	0.78	0.50	0.96	1.51	0.33	1.07	0.67	0.76	0.75	0.00	
NJJU9F	0.20	0.92	0.08	0.49	0.85	0.36	0.31	0.67	0.20	0.77	0.85	0.72	
NQFN7E	0.14	-1.60	0.00	0.49	0.76	0.00	0.21	-1.84	0.00	0.51	-2.42	0.00	
NVC7PZ	0.20	0.64	0.34	0.47	0.48	1.60	0.30	0.44	1.17	0.75	0.57	1.08	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>PVUG4Y</b>	<b>0.18</b>	0.06	0.39	<b>0.44</b>	-0.31	0.30	<b>0.22</b>	-1.77	0.35	<b>0.69</b>	-0.20	0.10	
<b>QVRACQ</b>	<b>0.16</b>	-0.72	0.28	<b>0.41</b>	-0.87	1.20	<b>0.26</b>	-0.62	0.51	<b>0.61</b>	-1.15	0.05	
<b>REHMKN</b>	<b>0.18</b>	0.13	0.65	<b>0.44</b>	-0.30	0.76	<b>0.28</b>	-0.12	0.41	<b>0.70</b>	-0.03	0.10	
<b>RQB4DV</b>	<b>0.18</b>	0.14	0.63	<b>0.44</b>	-0.16	0.37	<b>0.28</b>	-0.04	0.28	<b>0.72</b>	0.23	0.06	
<b>U7A393</b>	<b>0.18</b>	-0.08	0.48	<b>0.45</b>	0.00	1.77	<b>0.28</b>	-0.19	1.31	<b>0.75</b>	0.57	0.68	
<b>UJY2Y6</b>	<b>0.19</b>	0.50	0.42	<b>0.49</b>	0.83	0.75	<b>0.33</b>	1.01	0.49	<b>0.81</b>	1.36	0.78	
<b>WJDZBT</b>	<b>0.17</b>	-0.40	1.86	<b>0.41</b>	-0.83	1.10	<b>0.28</b>	-0.20	0.40	<b>0.67</b>	-0.39	0.47	
<b>WM898M</b>	<b>0.18</b>	-0.13	0.78	<b>0.43</b>	-0.50	1.00	<b>0.27</b>	-0.41	1.34	<b>0.70</b>	-0.01	1.20	
<b>X3LMCR</b>	<b>0.17</b>	-0.34	0.81	<b>0.42</b>	-0.55	0.82	<b>0.28</b>	-0.20	0.38	<b>0.67</b>	-0.38	0.57	
<b>X6BTWN</b>	<b>0.17</b>	-0.25	0.78	<b>0.44</b>	-0.15	0.75	<b>0.27</b>	-0.41	2.32	<b>0.62</b>	-1.08	3.85	
<b>X8D3EJ</b>	<b>0.24</b>	2.16	0.78	<b>0.52</b>	1.51	0.38	<b>0.36</b>	1.89	0.77	<b>0.83</b>	1.69	0.38	
<b>XEDFF9</b>	<b>0.17</b>	-0.56	1.47	<b>0.42</b>	-0.62	0.47	<b>0.27</b>	-0.34	0.56	<b>0.68</b>	-0.29	0.36	
<b>YFNDUP</b>	<b>0.16</b>	-0.76	0.00	<b>0.40</b>	-1.12	0.38	<b>0.26</b>	-0.66	0.00	<b>0.64</b>	-0.82	0.19	

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB1705		SRB1706		SRB1707
<b>Grand Median</b>	0.18		0.45		0.29
<b>Median Abs Dev</b>	0.01		0.03		0.02
<b>Avg Within Lab SD</b>	0.01		0.02		0.01
<b>Labs Included</b>	39		39		39
<b>Labs Reporting</b>	39		39		39



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: Percent

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	0.68	1.30	0.42	0.21	0.51	0.99	0.16	-0.10	1.21	0.28	2.61	0.20
3GMUC4	0.58	0.08	1.01	0.20	0.00	0.61	0.17	0.19	0.69	0.23	0.57	0.00
62PGXK	0.55	-0.30	0.67	0.17	-1.19	0.61	0.14	-1.00	0.69	0.19	-0.93	0.77
8HMNYQ	0.44	-1.72	0.44	0.13	-3.24X	0.61	0.13	-1.69	1.19	0.17	-1.89	2.66
8YWAN8	0.60	0.27	0.48	0.19	-0.33	0.30	0.16	-0.10	0.26	0.20	-0.62	0.46
9Q99HT	0.52	-0.70	1.68	0.20	0.18	1.48	0.15	-0.91	1.53	0.22	0.02	0.43
AJP7AQ	0.54	-0.51	1.90	0.19	-0.39	0.65	0.16	-0.22	1.42	0.22	0.00	2.81
B4RBDQ	0.70	1.52	1.83	0.22	0.97	1.77	0.17	0.35	1.31	0.22	0.10	0.67
CL9R26	0.63	0.66	0.00	0.20	0.17	0.00	0.18	0.88	0.00	0.22	0.03	0.77
DRRH26	0.59	0.20	0.67	0.20	0.17	1.05	0.17	0.36	0.00	0.22	0.03	0.77
DZ6Q37	0.60	0.31	0.38	0.19	-0.46	0.45	0.17	0.26	0.43	0.21	-0.43	0.51
FLDNVY	0.70	1.50	0.29	0.22	1.30	0.10	0.20	1.93	0.25	0.24	1.14	0.31
FZYVW7	0.61	0.37	0.38	0.20	-0.09	0.38	0.17	0.40	0.07	0.21	-0.10	0.28
H87JGH	0.64	0.76	0.74	0.26	3.11X	0.50	0.19	1.39	0.43	0.26	1.87	0.64
JHJX2V	0.62	0.48	0.13	0.21	0.75	0.12	0.18	1.06	0.38	0.22	0.16	0.53
JHMF32	0.54	-0.51	0.67	0.21	0.47	1.35	0.15	-0.91	1.02	0.23	0.59	1.10
JUGU3X	0.60	0.25	0.04	0.20	0.24	0.16	0.18	0.62	0.00	0.22	0.08	0.35
LJTP3B	0.58	0.00	1.01	0.17	-1.43	0.52	0.15	-0.61	0.43	0.19	-1.20	0.15
MJMWLE	0.52	-0.70		0.20	0.23		0.18	0.79		0.22	0.10	
N4RMJU	0.54	-0.47	0.87	0.16	-1.70	0.61	0.13	-1.51	0.69	0.19	-0.93	0.77
NC2EMX	0.59	0.12	0.25	0.21	0.51	0.61	0.17	0.53	0.69	0.21	-0.38	0.77
NJJU9F	0.66	1.08	0.21	0.20	0.22	0.58	0.17	0.59	0.21	0.22	0.04	0.77
NQFN7E	0.24	-4.24X	0.00	0.14	-2.85X	0.00	0.11	-2.66X	0.00	0.20	-0.74	0.00
NVC7PZ	0.60	0.33	0.26	0.21	0.46	0.68	0.17	0.21	0.83	0.22	0.14	1.13
PVUG4Y	0.52	-0.68	0.25	0.16	-1.64	0.06	0.14	-1.39	0.30	0.20	-0.71	0.15
QVRACQ	0.51	-0.83	1.14	0.15	-2.20	1.64	0.13	-1.46	1.08	0.16	-2.20	0.64



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>REHMKN</b>	<b>0.56</b>	-0.24	0.36	<b>0.20</b>	0.25	0.14	<b>0.16</b>	-0.24	0.33	<b>0.22</b>	0.23	0.21	
<b>RQB4DV</b>	<b>0.54</b>	-0.41	0.21	<b>0.19</b>	-0.45	0.06	<b>0.16</b>	-0.11	0.60	<b>0.20</b>	-0.48	0.67	
<b>U7A393</b>	<b>0.64</b>	0.73	1.17	<b>0.20</b>	0.29	1.80	<b>0.17</b>	0.38	1.55	<b>0.25</b>	1.52	1.92	
<b>UJY2Y6</b>	<b>0.57</b>	-0.12	0.50	<b>0.17</b>	-1.22	0.46	<b>0.16</b>	0.00	0.86	<b>0.21</b>	-0.25	0.43	
<b>WJDZBT</b>	<b>0.54</b>	-0.47	1.21	<b>0.17</b>	-1.15	0.37	<b>0.16</b>	-0.22	1.72	<b>0.20</b>	-0.57	0.44	
<b>WM898M</b>	<b>0.32</b>	-3.22	1.31	<b>0.18</b>	-0.68	2.65	<b>0.18</b>	0.88	3.15	<b>0.53</b>	13.02X	4.07	
<b>X3LMCR</b>	<b>0.49</b>	-1.12	1.30	<b>0.18</b>	-0.61	1.83	<b>0.16</b>	-0.27	0.50	<b>0.21</b>	-0.31	0.41	
<b>X6BTWN</b>	<b>0.54</b>	-0.51	2.91	<b>0.19</b>	-0.51	1.61	<b>0.15</b>	-0.49	1.38	<b>0.18</b>	-1.48	2.31	
<b>XEDFF9</b>	<b>0.52</b>	-0.74	1.30	<b>0.18</b>	-0.79	0.35	<b>0.15</b>	-0.84	0.45	<b>0.20</b>	-0.58	0.60	
<b>YFNDUP</b>	<b>0.61</b>	0.41	0.44	<b>0.21</b>	0.68	0.00	<b>0.18</b>	0.71	0.69	<b>0.23</b>	0.57	0.00	

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent
	SRB1705	SRB1706	SRB1707	SRB1708	
<b>Grand Median</b>	0.58	0.20	0.16	0.22	
<b>Median Abs Dev</b>	0.04	0.01	0.01	0.01	
<b>Avg Within Lab SD</b>	0.02	0.01	0.01	0.01	
<b>Labs Included</b>	35	33	35	35	
<b>Labs Reporting</b>	36	36	36	36	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3783NU	0.089	0.470	0.252	0.008	-0.447	0.134	0.004	-0.696	0.078	0.072	0.131	0.222	
8HMNYQ	0.070	-1.033	0.000	0.010	-0.016	0.000	0.005	-0.481	0.297	0.067	-0.362	1.164	
8YWAN8	0.090	0.521	0.320	0.010	-0.114	0.000	0.005	-0.304	0.000	0.079	0.859	0.550	
9Q99HT	0.060	-1.844	1.530	0.010	0.016	4.425	0.003	-1.008	1.455	0.051	-1.953	2.157	
AJP7AQ	0.076	-0.531	0.422	0.011	0.222	1.238	0.008	0.306	2.472	0.074	0.371	0.979	
B4RBDQ	0.109	1.962	2.978	0.010	-0.102	0.382	0.005	-0.306	0.588	0.087	1.683	1.650	
CL9R26	0.090	0.516	0.000	0.010	-0.016	0.000	0.010	0.995	0.000	0.070	-0.027	0.000	
DKQEL7	0.067	-1.291	0.296	0.013	0.672	0.382				0.058	-1.267	0.909	
DRRH26	0.083	0.000	2.959	0.013	0.844	1.908	0.010	0.995	0.000	0.067	-0.362	1.164	
DZ6Q37	0.084	0.078	0.010	0.010	0.069	0.210	0.006	0.000	0.608	0.073	0.315	1.585	
FLDNVY	0.101	1.330	0.083	0.010	0.048	0.201	0.005	-0.302	0.003	0.088	1.745	0.126	
FZYVW7	0.083	-0.052	0.296	0.011	0.242	0.000	0.008	0.345	0.294	0.070	-0.060	0.582	
H87JGH	0.078	-0.419	0.060	0.009	-0.310	0.063	0.008	0.305	0.382	0.063	-0.694	0.123	
HMG4V2	0.084	0.036	0.405	0.008	-0.584	0.087	0.004	-0.659	0.029	0.074	0.372	0.505	
JHJX2V	0.106	1.756	0.387	0.016	1.532	0.331	0.008	0.531	1.061	0.076	0.610	0.116	
JUGU3X	0.079	-0.361	0.112	0.009	-0.360	0.191	0.005	-0.399	0.000	0.068	-0.261	0.308	
LJTP3B	0.071	-0.986	0.271	0.008	-0.533	0.087	0.004	-0.696	0.029	0.060	-1.029	0.704	
N4RMJU	0.100	1.291	0.000	0.020	2.565	0.000	0.013	1.925	2.941	0.083	1.314	1.164	
NC2EMX	0.093	0.775	1.118	0.020	2.565	0.000	0.010	0.995	0.000	0.080	0.979	0.000	
NJJU9F	0.085	0.152	0.133	0.008	-0.434	0.088	0.004	-0.670	0.030	0.070	0.012	0.817	
NVC7PZ	0.084	0.052	0.775	0.010	-0.102	0.191	0.005	-0.399	0.000	0.076	0.543	1.035	
PVUG4Y	0.075	-0.635	0.125	0.007	-0.687	0.000	0.004	-0.761	0.000	0.065	-0.496	0.058	
QVRACQ	0.078	-0.441	0.959	0.011	0.180	0.383	0.008	0.307	0.457	0.076	0.608	0.325	
REHMKN	0.081	-0.170	0.549	0.009	-0.403	0.315	0.005	-0.510	0.184	0.069	-0.171	0.171	
U7A393	0.079	-0.359	0.268	0.008	-0.464	0.506	0.004	-0.677	0.000	0.068	-0.231	0.498	
UJY2Y6	0.085	0.145	0.032	0.010	0.108	0.021	0.007	0.081	0.055	0.073	0.242	0.287	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>WJDZBT</b>	<b>0.105</b>	1.676	0.300	<b>0.037</b>	6.980X	0.512	<b>0.043</b>	10.130X	0.849	<b>0.092</b>	2.138	1.304
<b>X3LMCR</b>	<b>0.074</b>	-0.702	0.854	<b>0.010</b>	0.070	0.588	<b>0.007</b>	0.280	0.597	<b>0.070</b>	0.000	0.306
<b>X6BTWN</b>	<b>0.083</b>	0.000	2.237	<b>0.017</b>	1.704	1.908	<b>0.013</b>	1.925	2.941	<b>0.063</b>	-0.697	3.080
<b>XEDFF9</b>	<b>0.080</b>	-0.239	0.969	<b>0.027</b>	4.290	0.210	<b>0.015</b>	2.450	0.301	<b>0.070</b>	-0.010	0.320
<b>YFNDUP</b>	<b>0.069</b>	-1.084	0.403	<b>0.008</b>	-0.533	0.331	<b>0.007</b>	0.252	0.778	<b>0.057</b>	-1.368	0.308

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
	SRB1705			SRB1706			SRB1707			SRB1708		
<b>Grand Median</b>	0.083			0.010			0.006			0.070		
<b>Median Abs Dev</b>	0.007			0.001			0.002			0.005		
<b>Avg Within Lab SD</b>	0.005			0.003			0.002			0.005		
<b>Labs Included</b>	31			30			29			31		
<b>Labs Reporting</b>	31			31			30			31		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	21.4	0.1	0.3	164.0	0.2	0.4	607.0	0.2	0.3	190.7	0.4	0.4
8HMNYQ	69.1	5.2X	1.9	173.3	0.4	0.5	513.4	-0.2	1.2	211.1	0.8	0.7
8YWAN8	24.5	0.5	0.7	199.2	0.9	0.4	714.6	0.7	0.5	190.1	0.4	0.2
9Q99HT	25.1	0.5	2.1	189.4	0.7	3.0	709.3	0.6	3.0	215.7	0.8	2.5
B4RBDQ	5.0	-1.6	1.0	153.4	0.0	0.4	741.7	0.8	1.3	183.8	0.3	0.9
CL9R26	14.0	-0.6	1.2	90.3	-1.3	1.1	353.3	-0.9	0.7	117.0	-0.7	0.3
DKQEL7				120.3	-0.7	0.8	431.7	-0.6	0.7	151.3	-0.2	1.5
DRRH26	47.6	2.9	0.6	234.4	1.7	1.8	858.1	1.3	0.3	264.4	1.6	0.5
HMG4V2	20.0	0.0	1.5	174.0	0.4	0.2	712.3	0.7	0.3	218.7	0.9	0.7
JUGU3X	19.4	-0.1	0.0	162.2	0.2	0.2	654.4	0.4	0.0	159.3	0.0	0.1
LJTP3B	17.8	-0.2	0.7	125.7	-0.6	0.1	478.3	-0.4	0.1	141.3	-0.3	0.0
N4RMJU	10.7	-1.0	0.3	92.7	-1.2	0.1	341.0	-1.0	0.3	94.0	-1.1	0.4
NC2EMX	9.7	-1.1	0.7	91.0	-1.3	0.6	293.7	-1.2	0.2	88.7	-1.1	0.3
NJJU9F	26.7	0.7	0.3	130.5	-0.5	0.4	479.0	-0.4	0.2	144.3	-0.3	0.2
QVRACQ	9.4	-1.1	0.6	60.2	-1.9	0.1	224.6	-1.5	0.2	51.1	-1.7	0.2
REHMKN	16.2	-0.4	0.8	129.8	-0.5	0.8	487.1	-0.3	0.6	135.6	-0.4	0.2
U7A393	20.6	0.1	1.3	160.0	0.1	1.5	609.3	0.2	1.9	183.3	0.3	0.8
UJY2Y6	23.8	0.4	1.3	153.5	0.0	0.6	565.2	0.0	0.1	214.4	0.8	0.3
X6BTWN	20.5	0.0	1.2	124.2	-0.6	1.0	385.2	-0.8	1.8	136.3	-0.4	3.0
XEDFF9	30.5	1.1	1.3	200.2	1.0	0.9	817.3	1.1	0.4	256.1	1.5	0.4
YFNDUP	17.7	-0.3	0.7	152.7	0.0	0.6	739.7	0.8	0.6	162.0	0.0	0.3



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1705	SRB1706	SRB1707	SRB1708	
<b>Grand Median</b>	20.0	153.4	565.2	162.0	
<b>Median Abs Dev</b>	4.5	27.8	147.1	28.7	
<b>Avg Within Lab SD</b>	2.3	9.9	39.7	14.0	
<b>Labs Included</b>	19	21	21	21	
<b>Labs Reporting</b>	20	21	21	21	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	18.8	-1.1	0.5	24.3	-1.0	1.0	9.9	-0.4	0.2	25.8	-1.1	0.5
3GMUC4	24.9	0.4	1.2	31.0	0.4	0.7	12.1	0.4	1.0	33.9	0.4	0.8
4JQ89W	19.3	-1.0	1.2	24.9	-0.8	1.1	6.7	-1.5	0.6	28.0	-0.7	0.4
8HMNYQ	24.4	0.3	0.3	31.3	0.5	1.4	11.0	0.0	0.9	39.9	1.6	2.0
8YWAN8	23.4	0.0	1.3	27.4	-0.3	0.5	9.3	-0.6	0.6	32.5	0.2	0.5
9Q99HT	19.7	-0.9	2.5	25.9	-0.6	2.4	7.5	-1.2	1.8	28.2	-0.7	0.8
AJP7AQ	23.4	0.0	3.4	36.8	1.7	0.8	10.1	-0.3	1.9	39.2	1.4	3.7
B4RBDQ	20.3	-0.8	1.2	25.4	-0.7	1.0	0.5	-3.6X	0.0	26.9	-0.9	1.2
CL9R26	23.7	0.1	0.4	30.0	0.2	0.8	11.3	0.1	0.5	31.7	0.0	0.3
DRRH26	21.2	-0.5	1.4	26.7	-0.4	2.9	10.4	-0.2	1.3	30.5	-0.2	0.5
FZYVW7	29.5	1.5	1.1	33.3	0.9	0.4	13.3	0.8	1.1	35.7	0.8	0.7
H87JGH	27.7	1.1	0.3	38.6	2.0	0.9	15.7	1.6	0.3	37.8	1.2	0.4
HMG4V2	26.3	0.7	0.2	32.8	0.8	0.4	13.0	0.7	0.6	39.9	1.6	0.7
JHJX2V	29.2	1.4	0.3	36.4	1.6	0.3	13.3	0.7	0.3	36.3	0.9	0.4
JHMF32	16.5	-1.7	0.4	27.0	-0.4	0.9	13.7	0.9	0.8	28.2	-0.7	1.1
JUGU3X	22.1	-0.3	0.1	29.1	0.1	0.2	10.9	0.0	0.2	31.1	-0.1	0.0
LJTP3B	25.3	0.5	0.4	30.7	0.4	0.8	13.5	0.8	0.5	32.9	0.2	0.9
MJMWLE	14.8	-2.1		24.4	-0.9		5.0	-2.0		25.9	-1.1	
N4RMJU	14.7	-2.1	0.4	17.3	-2.4	0.4	5.3	-1.9	0.5	19.3	-2.3	0.5
NC2EMX	24.7	0.3	0.4	31.0	0.5	0.8	12.3	0.4	0.5	33.0	0.3	0.4
NJJU9F	23.9	0.1	0.8	28.3	-0.1	0.8	8.5	-0.8	0.1	29.1	-0.5	0.6
NQFN7E	928.2	222.5X	0.0	283.0	53.2X	0.0	258.4	83.1X	0.0	387.2	67.6X	0.0
NVC7PZ	27.2	0.9	0.4	33.8	1.0	0.9	15.0	1.3	0.4	34.6	0.5	0.6
PVUG4Y	21.7	-0.4	0.2	28.3	-0.1	0.3	14.9	1.3	0.4	31.7	0.0	0.1
QVRACQ	20.6	-0.7	0.5	25.8	-0.6	0.9	9.9	-0.4	0.7	25.2	-1.2	0.1
REHMKN	22.5	-0.2	0.2	27.8	-0.2	0.7	11.2	0.1	0.2	30.5	-0.2	0.2



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

<b>B (SubTestCode 219) in the Wet Digestion Property Groups</b>												<b>Data units: mg/kg</b>	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>RQB4DV</b>	<b>20.1</b>	-0.8	0.2	<b>25.3</b>	-0.7	0.1	<b>9.7</b>	-0.5	0.4	<b>26.1</b>	-1.1	0.2	
<b>U7A393</b>	<b>24.1</b>	0.2	0.6	<b>29.9</b>	0.2	1.1	<b>11.1</b>	0.0	0.6	<b>34.9</b>	0.6	0.5	
<b>UJY2Y6</b>	<b>24.6</b>	0.3	0.5	<b>30.9</b>	0.4	0.3	<b>10.9</b>	-0.1	3.5	<b>35.8</b>	0.8	0.2	
<b>WJDZBT</b>	<b>23.8</b>	0.1	0.7	<b>28.8</b>	0.0	0.4	<b>10.7</b>	-0.1	0.3	<b>31.0</b>	-0.1	0.4	
<b>X3LMCR</b>	<b>22.5</b>	-0.2	0.2	<b>30.9</b>	0.4	1.3	<b>11.5</b>	0.2	0.3	<b>32.7</b>	0.2	0.4	
<b>X6BTWN</b>	<b>27.4</b>	1.0	0.3	<b>33.4</b>	0.9	1.2	<b>14.6</b>	1.2	1.1	<b>30.5</b>	-0.2	2.3	
<b>XEDFF9</b>	<b>22.0</b>	-0.3	1.1	<b>25.8</b>	-0.6	0.1	<b>9.4</b>	-0.6	0.1	<b>29.1</b>	-0.5	0.4	
<b>YFNDUP</b>	<b>22.7</b>	-0.2	0.4	<b>28.7</b>	0.0	0.4	<b>13.0</b>	0.7		<b>31.7</b>	0.0	0.3	

<b>B (SubTestCode 219) in the Wet Digestion Property Groups</b>					<b>Data units: mg/kg</b>	
	SRB1705	SRB1706	SRB1707	SRB1708		
<b>Grand Median</b>	23.4	28.8	11.0	31.7		
<b>Median Abs Dev</b>	1.9	2.4	1.7	3.2		
<b>Avg Within Lab SD</b>	1.3	1.3	1.1	2.3		
<b>Labs Included</b>	33	33	32	33		
<b>Labs Reporting</b>	34	34	34	34		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3783NU	73.3	0.3	0.4	26.9	-0.1	0.6	22.3	-0.1	0.4	38.5	0.4	0.6	
3GMUC4	70.4	0.0	1.1	30.1	0.6	0.5	25.6	0.5	0.5	40.2	0.7	1.0	
3GNWVG	67.7	-0.2	0.4	26.3	-0.2	1.2	24.6	0.3	1.5	34.3	-0.3	0.5	
4JQ89W	68.5	-0.1	2.0	27.1	-0.1	1.5	22.2	-0.1	1.4	35.9	0.0	1.4	
8HMNYQ	60.8	-0.8	1.1	19.4	-1.7	0.6	19.3	-0.7	1.3	24.9	-1.9	0.3	
8YWAN8	70.0	0.0	0.3	28.0	0.1	0.3	23.9	0.2	0.4	36.2	0.0	0.6	
9Q99HT	75.0	0.4	1.2	30.2	0.6	2.1	33.7	2.0	3.2	37.3	0.2	0.9	
AJP7AQ	69.4	-0.1	2.3	24.6	-0.6	0.0	17.1	-1.1	2.5	32.8	-0.5	2.3	
B4RBDQ	74.4	0.4	1.9	25.4	-0.4	1.8	18.7	-0.8	0.5	32.0	-0.7	0.3	
CL9R26	75.7	0.5	0.3	29.3	0.4	1.2	24.0	0.2	0.6	37.0	0.2	0.6	
DKQEL7	53.7	-1.4	0.7	23.7	-0.8	0.9	21.3	-0.3	0.9	31.0	-0.8	1.8	
DRRH26	85.8	1.3	1.2	29.6	0.4	1.7	24.7	0.3	0.8	38.0	0.4	2.1	
FLDNVY	89.5	1.7	0.5	34.1	1.4	0.6	33.7	2.0	2.1	46.5	1.8	0.5	
FZYVW7	75.9	0.5	1.3	29.4	0.4	0.9	25.7	0.5	1.1	36.6	0.1	1.5	
H87JGH	70.1	0.0	0.9	37.1	2.0	2.7	28.0	0.9	0.4	44.2	1.4	0.6	
HMG4V2	66.4	-0.3	0.8	27.5	0.0	0.5	22.2	-0.1	0.1	37.5	0.3	0.7	
JHJX2V	95.6	2.2	0.2	36.3	1.9	1.0	30.2	1.3	0.2	42.6	1.1	0.8	
JHMF32	57.5	-1.1	0.5	21.5	-1.2	0.7	13.7	-1.7	0.5	28.2	-1.3	1.5	
JUGU3X	70.3	0.0	0.1	29.1	0.4	0.2	25.1	0.4	0.1	37.2	0.2	0.1	
LJTP3B	64.8	-0.4	0.9	22.4	-1.1	0.4	19.3	-0.7	0.5	28.9	-1.2	0.5	
M4WU6B	26.5	-3.7	1.4	28.5	0.2	1.0	11.0	-2.3	0.5	32.9	-0.5	0.9	
MJMWLE	6,511.9	549.6X		3,156.7	654.4X		2,831.1	525.4X		3,475.7	580.5X		
N4RMJU	66.3	-0.3	1.1	26.0	-0.3	0.8	20.3	-0.5	0.9	32.3	-0.6	0.9	
NC2EMX	75.3	0.5	0.3	31.3	0.8	0.5	25.7	0.5	0.3	36.7	0.1	0.7	
NJJU9F	80.0	0.9	0.1	30.5	0.6	0.4	24.8	0.3	0.2	37.8	0.3	0.5	
NQFN7E	29.7	-3.4	0.0	14.2	-2.8	0.0	10.4	-2.4	0.0	13.5	-3.8	0.0	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>NVC7PZ</b>	<b>73.7</b>	0.3	0.7	<b>30.8</b>	0.7	0.0	<b>26.9</b>	0.7	0.1	<b>38.4</b>	0.4	0.3	
<b>PVUG4Y</b>	<b>49.3</b>	-1.8	0.1	<b>18.2</b>	-1.9	0.1	<b>11.5</b>	-2.2	0.0	<b>23.8</b>	-2.0	0.0	
<b>QVRACQ</b>	<b>67.6</b>	-0.2	2.4	<b>25.8</b>	-0.3	0.9	<b>23.2</b>	0.0	0.9	<b>30.1</b>	-1.0	0.6	
<b>REHMKN</b>	<b>72.7</b>	0.2	0.3	<b>27.8</b>	0.1	0.5	<b>23.7</b>	0.1	0.2	<b>36.3</b>	0.1	0.2	
<b>RQB4DV</b>	<b>65.3</b>	-0.4	0.6	<b>26.3</b>	-0.2	0.7	<b>22.6</b>	-0.1	0.3	<b>34.4</b>	-0.3	0.3	
<b>U7A393</b>	<b>62.9</b>	-0.6	0.4	<b>27.2</b>	-0.1	1.4	<b>20.5</b>	-0.5	0.8	<b>34.8</b>	-0.2	0.5	
<b>UJY2Y6</b>	<b>71.4</b>	0.1	0.5	<b>27.6</b>	0.0	0.6	<b>24.7</b>	0.3	0.7	<b>39.4</b>	0.6	0.3	
<b>WJDZBT</b>	<b>66.7</b>	-0.3	0.1	<b>25.1</b>	-0.5	0.2	<b>23.0</b>	0.0	1.8	<b>33.9</b>	-0.3	0.6	
<b>WM898M</b>	<b>76.7</b>	0.6	0.5	<b>33.4</b>	1.2	1.8	<b>28.8</b>	1.1	0.8	<b>41.7</b>	1.0	0.4	
<b>X3LMCR</b>	<b>62.2</b>	-0.7	0.7	<b>29.2</b>	0.4	1.3	<b>23.2</b>	0.0	0.2	<b>36.4</b>	0.1	0.1	
<b>X6BTWN</b>	<b>71.0</b>	0.1	0.6	<b>28.7</b>	0.3	0.6	<b>21.8</b>	-0.2	0.5	<b>32.0</b>	-0.7	2.9	
<b>X8D3EJ</b>	<b>68.0</b>	-0.2	0.5	<b>24.7</b>	-0.6	0.3	<b>22.0</b>	-0.2	0.3	<b>35.5</b>	-0.1	0.8	
<b>XEDFF9</b>	<b>71.9</b>	0.2	1.8	<b>25.0</b>	-0.5	0.4	<b>21.0</b>	-0.4	0.3	<b>33.4</b>	-0.4	0.7	
<b>YFNDUP</b>	<b>67.0</b>	-0.3	0.4	<b>25.7</b>	-0.4	0.5	<b>22.3</b>	-0.1	0.3	<b>33.7</b>	-0.4	0.4	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1705	SRB1706	SRB1707	SRB1708	
<b>Grand Median</b>	70.0	27.5	23.0	35.9	
<b>Median Abs Dev</b>	4.3	2.1	2.1	2.5	
<b>Avg Within Lab SD</b>	2.2	1.3	1.7	1.6	
<b>Labs Included</b>	39	39	39	39	
<b>Labs Reporting</b>	40	40	40	40	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3783NU	26.2	0.7	0.2	69.2	0.3	0.9	60.5	-0.1	0.8	68.3	0.6	0.2	
3GMUC4	23.6	0.0	0.7	66.3	0.0	0.6	62.3	0.2	0.5	65.4	0.3	0.6	
3GNWVG	22.3	-0.3	0.1	63.6	-0.3	1.4	61.1	0.0	0.6	66.1	0.4	0.7	
4JQ89W	22.7	-0.2	2.2	63.9	-0.3	1.7	59.1	-0.3	1.3	63.5	0.1	1.0	
8HMNYQ	20.9	-0.7	0.8	54.0	-1.4	1.0	56.8	-0.6	2.0	50.8	-1.4	0.4	
8YWAN8	24.1	0.2	0.5	69.2	0.3	0.4	64.1	0.4	0.1	67.6	0.6	0.3	
9Q99HT	22.8	-0.2X	1.1	68.6	0.3X	1.2	62.6	0.2X	0.8	65.0	0.3X	0.2	
AJP7AQ	19.7	-1.0	0.1	69.2	0.3	1.0	58.0	-0.4	3.6	62.5	0.0	0.8	
B4RBDQ	17.6	-1.6	2.0	66.6	0.0	0.6	60.7	-0.1	0.3	62.5	0.0	0.1	
CL9R26	25.0	0.4	1.0	68.3	0.2	0.5	65.0	0.5		63.7	0.1	0.9	
DKQEL7	21.0	-0.7	1.4	55.0	-1.3	1.7	51.7	-1.3	1.0	56.0	-0.8	1.0	
DRRH26	24.6	0.3	1.3	67.6	0.1	1.7	62.2	0.2	0.4	62.7	0.0	0.6	
FLDNVY	29.1	1.5	0.2	77.2	1.3	0.6	74.1	1.8	0.3	73.9	1.3	0.5	
FZYVW7	25.5	0.5	0.2	69.7	0.4	0.8	63.5	0.3	0.6	64.4	0.2	0.1	
H87JGH	28.0	1.2	0.3	68.8	0.3	0.5	65.0	0.5	0.4	61.5	-0.1	0.0	
HMG4V2	24.5	0.3	0.3	67.6	0.1	0.5	63.7	0.4	0.2	70.0	0.9	0.4	
JHJX2V	29.7	1.7	0.2	80.2	1.6	0.0	72.0	1.5	0.1	68.0	0.6	0.5	
JHMF32	19.3	-1.1	2.7	60.4	-0.7	2.3	58.2	-0.4	2.3	59.3	-0.4	1.8	
JUGU3X	23.8	0.1	0.0	66.4	0.0	0.4	61.4	0.0	0.1	62.2	0.0	0.1	
LJTP3B	23.1	-0.1	0.4	60.3	-0.7	0.7	56.4	-0.7	0.8	56.9	-0.7	0.1	
MJMWLE	7.4	-4.3X		55.1	-1.3		49.7	-1.6		52.6	-1.1		
N4RMJU	24.7	0.3	1.1	72.3	0.7	0.5	65.0	0.5	0.3	68.0	0.6	0.5	
NC2EMX	25.3	0.5	1.5	72.3	0.7	1.0	65.7	0.6	0.8	67.3	0.5	0.2	
NJJU9F	27.0	1.0	0.2	72.7	0.7	0.1	67.8	0.9	0.5	67.4	0.6	0.5	
NQFN7E	14.5	-2.4	0.0	31.4	-4.0	0.0	34.7	-3.7	0.0	15.3	-5.4	0.0	
NVC7PZ	26.0	0.7	0.7	69.1	0.3	1.6	64.6	0.5	1.4	65.3	0.3	0.7	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>PVUG4Y</b>	<b>21.6</b>	-0.5	0.3	<b>56.3</b>	-1.2	0.1	<b>38.9</b>	-3.1X	0.2	<b>58.6</b>	-0.5	0.0	
<b>QVRACQ</b>	<b>21.6</b>	-0.5	0.3	<b>60.0</b>	-0.7	0.8	<b>57.8</b>	-0.5	0.4	<b>52.3</b>	-1.2	0.2	
<b>REHMKN</b>	<b>25.0</b>	0.4	1.1	<b>67.9</b>	0.2	0.9	<b>62.1</b>	0.1	0.4	<b>64.7</b>	0.2	0.1	
<b>RQB4DV</b>	<b>22.6</b>	-0.2	0.5	<b>62.7</b>	-0.4	0.2	<b>58.9</b>	-0.3	0.1	<b>61.3</b>	-0.2	0.0	
<b>U7A393</b>	<b>23.5</b>	0.0	0.4	<b>67.1</b>	0.1	1.8	<b>59.8</b>	-0.2	0.9	<b>64.7</b>	0.2	0.5	
<b>UJY2Y6</b>	<b>21.6</b>	-0.5	0.7	<b>60.3</b>	-0.7	0.7	<b>61.2</b>	0.0	0.7	<b>61.2</b>	-0.2	0.4	
<b>WJDZBT</b>	<b>22.3</b>	-0.3	1.9	<b>59.1</b>	-0.8	0.6	<b>57.8</b>	-0.5	0.4	<b>58.5</b>	-0.5	0.5	
<b>WM898M</b>	<b>28.9</b>	1.5	0.6	<b>71.2</b>	0.6	0.7	<b>66.8</b>	0.8	0.3	<b>72.9</b>	1.2	0.3	
<b>X3LMCR</b>	<b>22.1</b>	-0.4	0.5	<b>61.0</b>	-0.6	1.8	<b>54.9</b>	-0.9	0.8	<b>54.5</b>	-0.9	4.4	
<b>X6BTWN</b>	<b>22.6</b>	-0.2	1.1	<b>60.7</b>	-0.7	1.1	<b>54.2</b>	-1.0	1.3	<b>51.9</b>	-1.2	2.6	
<b>X8D3EJ</b>	<b>28.6</b>	1.4	0.3	<b>64.2</b>	-0.2	0.4	<b>72.0</b>	1.5	0.1	<b>70.4</b>	0.9	0.4	
<b>XEDFF9</b>	<b>21.4</b>	-0.6	1.4	<b>58.6</b>	-0.9	0.5	<b>55.9</b>	-0.7	0.6	<b>56.7</b>	-0.7	0.3	
<b>YFNDUP</b>	<b>20.7</b>	-0.8	0.6	<b>57.7</b>	-1.0	0.3	<b>55.3</b>	-0.8	0.4	<b>55.7</b>	-0.8	0.2	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1705	SRB1706	SRB1707	SRB1708		
<b>Grand Median</b>	23.5	66.4	61.1	62.6		
<b>Median Abs Dev</b>	1.9	5.1	3.5	4.8		
<b>Avg Within Lab SD</b>	1.0	2.3	3.0	3.4		
<b>Labs Included</b>	37	38	37	38		
<b>Labs Reporting</b>	39	39	39	39		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	76.9	0.3	0.5	310.3	0.3	0.4	561.3	-0.1	0.2	236.7	0.3	0.5
3GMUC4	72.7	0.0	1.1	313.7	0.4	0.6	625.0	0.4	1.1	245.0	0.5	1.1
3GNWVG	83.7	0.8	0.9	277.0	-0.5	0.3	539.4	-0.3	0.3	250.6	0.6	1.4
4JQ89W	75.3	0.2	0.8	287.3	-0.2	0.7	582.0	0.1	1.3	239.3	0.4	1.3
8HMNYQ	47.4	-1.8	1.0	204.2	-2.2	0.6	424.1	-1.3	1.5	139.5	-2.0	0.3
8YWAN8	76.4	0.3	0.2	336.7	1.0	0.2	663.8	0.8	0.1	272.9	1.2	0.5
9Q99HT	63.8	-0.6	0.2	352.9	1.4	4.3	592.8	0.2	0.3	250.9	0.7	1.1
AJP7AQ	56.9	-1.1	1.4	274.9	-0.5	0.4	525.1	-0.4	3.0	181.8	-1.0	1.4
B4RBDQ	46.3	-1.9	1.8	294.6	0.0	0.8	604.7	0.3	2.3	215.5	-0.2	1.1
CL9R26	65.3	-0.5	0.7	260.0	-0.9	0.9	409.7	-1.4	1.0	154.7	-1.6	0.0
DKQEL7	59.0	-1.0	0.5	239.0	-1.4	0.7	436.7	-1.2	1.1	174.7	-1.1	0.6
DRRH26	88.5	1.2	0.6	341.0	1.1	0.5	683.3	0.9	0.7	251.8	0.7	
FLDNVY	80.2	0.6	1.7	320.8	0.6	0.2	669.2	0.8	0.3	235.3	0.3	0.3
FZYVW7	93.4	1.5	0.2	327.6	0.8	0.6	612.6	0.3	0.5	258.5	0.8	0.3
H87JGH	94.3	1.6	0.5	343.2	1.1	0.9	658.4	0.7	0.4	270.2	1.1	0.3
HMG4V2	67.7	-0.3	1.1	319.0	0.5	0.5	615.7	0.4	0.4	246.7	0.6	0.2
JHJX2V	95.4	1.7	0.3	375.3	1.9	0.3	820.4	2.1	0.1	294.5	1.7	0.2
JHMF32	81.6	0.7	0.4	346.6	1.2	0.3	765.8	1.7	1.1	252.0	0.7	1.0
JUGU3X	66.3	-0.4	0.0	295.9	0.0	0.1	571.4	0.0	0.2	224.6	0.0	0.0
LJTP3B	65.3	-0.5	1.0	261.0	-0.9	1.0	502.7	-0.6	0.7	200.0	-0.5	0.1
MJMWLE	65.3	-0.5		308.7	0.3		644.9	0.6		233.9	0.3	
N4RMJU	73.7	0.1	1.3	309.3	0.3	1.6	575.7	0.0	0.2	214.3	-0.2	1.1
NC2EMX	65.3	-0.5	0.9	252.0	-1.1	0.4	453.3	-1.0	0.2	171.7	-1.2	0.4
NJJU9F	78.1	0.4	1.2	308.9	0.3	1.3	573.2	0.0	0.4	212.0	-0.3	0.2
NQFN7E	39.6	-2.4	0.0	147.6	-3.6X	0.0	288.6	-2.4	0.0	70.9	-3.6X	0.0
NVC7PZ	79.1	0.5	0.8	311.0	0.4	0.1	602.7	0.3	0.9	233.0	0.2	0.2



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### Fe (SubTestCode 222) in the Wet Digestion Property Groups Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>PVUG4Y</b>	<b>60.6</b>	-0.9	0.3	<b>249.7</b>	-1.1	0.2	<b>448.4</b>	-1.1	0.3	<b>196.2</b>	-0.6	0.1
<b>QVRACQ</b>	<b>61.9</b>	-0.8	0.3	<b>209.9</b>	-2.1	0.4	<b>367.9</b>	-1.8	0.7	<b>154.1</b>	-1.6	0.4
<b>REHMKN</b>	<b>72.1</b>	0.0	0.7	<b>278.5</b>	-0.4	0.3	<b>537.4</b>	-0.3	0.7	<b>200.7</b>	-0.5	0.1
<b>RQB4DV</b>	<b>119.8</b>	<b>3.5X</b>	1.0	<b>296.8</b>	0.0	0.3	<b>567.4</b>	-0.1	0.1	<b>242.2</b>	0.5	0.2
<b>U7A393</b>	<b>69.3</b>	-0.2	1.0	<b>295.3</b>	0.0	0.8	<b>560.0</b>	-0.1	1.6	<b>221.3</b>	0.0	0.4
<b>UJY2Y6</b>	<b>71.0</b>	-0.1	1.8	<b>286.8</b>	-0.2	0.5	<b>616.4</b>	0.4	1.7	<b>216.2</b>	-0.2	0.7
<b>WJDZBT</b>	<b>74.4</b>	0.1	0.6	<b>279.5</b>	-0.4	0.8	<b>560.0</b>	-0.1	0.4	<b>216.2</b>	-0.2	0.3
<b>WM898M</b>	<b>84.4</b>	0.9	0.5	<b>248.0</b>	-1.2	0.1	<b>435.2</b>	-1.2	0.7	<b>196.9</b>	-0.6	0.2
<b>X3LMCR</b>	<b>71.7</b>	-0.1	1.5	<b>294.7</b>	0.0	1.2	<b>504.0</b>	-0.6	0.5	<b>216.0</b>	-0.2	1.2
<b>X6BTWN</b>	<b>72.9</b>	0.0	2.1	<b>278.8</b>	-0.4	1.7	<b>463.8</b>	-0.9	2.0	<b>159.3</b>	-1.5	4.5
<b>X8D3EJ</b>	<b>81.2</b>	0.6	1.7	<b>303.1</b>	0.2	0.0	<b>643.6</b>	0.6	0.5	<b>266.8</b>	1.0	0.4
<b>XEDFF9</b>	<b>74.4</b>	0.1	0.7	<b>301.0</b>	0.1	1.4	<b>601.9</b>	0.2	0.5	<b>220.3</b>	-0.1	0.2
<b>YFNDUP</b>	<b>71.7</b>	-0.1	0.9	<b>297.7</b>	0.0	0.4	<b>635.0</b>	0.5	0.6	<b>248.7</b>	0.6	0.3

### Fe (SubTestCode 222) in the Wet Digestion Property Groups Data units: mg/kg

	SRB1705	SRB1706	SRB1707	SRB1708
<b>Grand Median</b>	72.4	296.4	573.2	223.0
<b>Median Abs Dev</b>	7.1	18.6	61.8	24.7
<b>Avg Within Lab SD</b>	3.7	18.8	30.1	12.6
<b>Labs Included</b>	38	38	39	38
<b>Labs Reporting</b>	39	39	39	39



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	15.9	0.1	0.2	19.2	-0.2	0.4	35.0	-0.4	0.8	7.5	0.4	0.6
3GMUC4	15.3	-0.2	0.4	19.5	-0.1	0.2	34.6	-0.5	0.3	7.2	0.2	1.3
3GNWVG	14.2	-0.8	0.2	18.0	-0.7	0.5	33.7	-0.7	0.7	7.8	0.7	0.5
4JQ89W	14.8	-0.5	1.3	19.0	-0.3	1.3	33.4	-0.7	0.7	7.1	0.1	2.2
8HMNYQ	15.0	-0.3	0.6	18.8	-0.4	0.9	37.2	0.2	1.9	5.7	-1.3	0.6
8YWAN8	16.7	0.5	0.4	21.6	0.8	0.1	39.1	0.7	0.1	7.8	0.7	0.3
9Q99HT	13.8	-0.9	1.6	18.5	-0.5	2.7	36.3	0.0	2.6	5.7	-1.3	0.7
AJP7AQ	17.8	1.1	0.7	25.5	2.4	1.4	41.5	1.2	3.7	9.1	1.9	2.4
B4RBDQ	1.9	-7.0X	0.5	2.2	-7.1X	0.3	11.5	-6.1X	0.8	5.8	-1.2	0.1
CL9R26	17.0	0.7	1.1	22.3	1.1	1.1	41.0	1.1	0.8	6.3	-0.7	1.1
DKQEL7	12.7	-1.5	0.5	16.6	-1.3	0.7	30.6	-1.4	1.1	5.6	-1.3	0.8
DRRH26	19.5	1.9	2.1	22.9	1.3	1.5	39.1	0.6	0.8	7.2	0.1	0.4
FLDNVY	19.1	1.8	0.2	24.0	1.7	0.1	43.5	1.7	0.2	9.3	2.1	0.2
FZYVW7	18.0	1.2	1.2	22.5	1.2	1.7	36.6	0.0	0.8	7.5	0.4	0.6
H87JGH	15.3	-0.2	0.3	22.2	1.0	0.2	40.2	0.9	0.3	8.3	1.1	0.4
HMG4V2	16.0	0.2	0.4	19.8	0.1	0.2	36.9	0.1	0.3	6.7	-0.3	0.3
JHJX2V	17.1	0.8	0.0	21.5	0.7	0.2	41.5	1.2	0.2	8.1	1.0	0.2
JHMF32	14.9	-0.4	0.6	19.6	0.0	0.4	34.4	-0.5	0.2	7.4	0.3	0.7
JUGU3X	16.6	0.5	0.2	22.1	1.0	0.4	39.4	0.7	0.2	7.6	0.5	0.0
LJTP3B	14.7	-0.5	0.8	18.8	-0.3	0.6	34.2	-0.5	0.3	5.9	-1.1	0.2
MJMWLE	14.8	-0.4		22.8	1.3		43.0	1.6		6.3	-0.7	
N4RMJU	15.7	0.0	0.6	19.7	0.0	1.1	35.7	-0.2	0.7	7.0	-0.1	1.9
NC2EMX	17.0	0.7	1.1	21.7	0.8	0.6	37.7	0.3	0.3	9.0	1.8	
NJJU9F	18.1	1.3	0.2	22.3	1.1	0.2	40.1	0.9	0.1	7.4	0.3	1.0
NQFN7E	20.7	2.6	0.0	14.1	-2.3		28.6	-1.9	0.0	8.5	1.3	0.0
NVC7PZ	17.0	0.7	1.2	22.1	1.0	2.7	37.5	0.3	1.5	10.7	3.4X	7.4



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>PVUG4Y</b>	<b>14.9</b>	-0.4	0.2	<b>18.5</b>	-0.5	0.5	<b>32.5</b>	-1.0	0.1	<b>6.7</b>	-0.4	0.7	
<b>QVRACQ</b>	<b>15.6</b>	0.0	1.7	<b>19.7</b>	0.0	0.4	<b>33.9</b>	-0.6	0.4	<b>6.9</b>	-0.1	1.2	
<b>REHMKN</b>	<b>16.3</b>	0.4	1.2	<b>19.8</b>	0.0	1.1	<b>36.8</b>	0.1	0.3	<b>6.5</b>	-0.5	0.6	
<b>RQB4DV</b>	<b>16.6</b>	0.5	0.2	<b>19.7</b>	0.0	0.2	<b>34.1</b>	-0.6	0.3	<b>7.3</b>	0.2	0.6	
<b>U7A393</b>	<b>14.8</b>	-0.4	0.2	<b>19.3</b>	-0.2	1.1	<b>33.5</b>	-0.7	1.0	<b>6.3</b>	-0.7	0.4	
<b>UJY2Y6</b>	<b>17.6</b>	1.0	3.5	<b>20.7</b>	0.4	0.7	<b>38.7</b>	0.5	0.7	<b>7.8</b>	0.6	1.3	
<b>WJDZBT</b>	<b>15.0</b>	-0.3	0.5	<b>18.3</b>	-0.6	0.8	<b>33.7</b>	-0.7	0.8	<b>6.0</b>	-1.0	1.5	
<b>WM898M</b>	<b>13.3</b>	-1.2	0.7	<b>16.6</b>	-1.3	0.4	<b>27.9</b>	-2.1	0.9	<b>6.8</b>	-0.3	0.4	
<b>X3LMCR</b>	<b>14.3</b>	-0.7	0.2	<b>19.4</b>	-0.1	0.5	<b>36.8</b>	0.1	0.4	<b>6.9</b>	-0.2	1.6	
<b>X6BTWN</b>	<b>16.4</b>	0.4	0.7	<b>21.0</b>	0.5	1.3	<b>35.8</b>	-0.2	1.0	<b>7.3</b>	0.2	2.0	
<b>X8D3EJ</b>	<b>14.8</b>	-0.5	0.6	<b>19.0</b>	-0.3	0.3	<b>34.6</b>	-0.5	0.0	<b>7.0</b>	-0.1	0.5	
<b>XEDFF9</b>	<b>15.6</b>	0.0	1.1	<b>19.2</b>	-0.2	0.2	<b>36.7</b>	0.1	0.5	<b>6.6</b>	-0.4	0.3	
<b>YFNDUP</b>	<b>15.3</b>	-0.2	0.6	<b>19.0</b>	-0.3		<b>35.7</b>	-0.2	0.3	<b>7.0</b>	-0.1		

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1705	SRB1706	SRB1707	SRB1708		
<b>Grand Median</b>	15.6	19.7	36.5	7.07		
<b>Median Abs Dev</b>	0.9	1.3	2.4	0.57		
<b>Avg Within Lab SD</b>	0.9	1.0	2.1	0.53		
<b>Labs Included</b>	38	38	38	38		
<b>Labs Reporting</b>	39	39	39	39		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3783NU	0.37	-0.02	0.05	0.25	-0.11	0.04	0.62	0.45	0.13	0.54	0.47	0.42	
8HMNYQ	0.27	-0.89	0.06	0.17	-0.60	0.34	0.48	-0.43	0.74	0.30	-0.85	0.11	
8YWAN8	0.33	-0.36	0.07	0.27	0.00	0.48	0.49	-0.38	0.38	0.46	0.00	0.21	
9Q99HT	0.38	0.03	2.35	0.21	-0.37	0.98	1.60	6.54X	6.35	0.59	0.77	1.76	
DRRH26	0.45	0.61	0.51	0.52	1.55	2.14	0.56	0.07	1.33	0.67	1.20	0.90	
FZYVW7	0.71	2.70	2.23	0.28	0.05	2.05	0.67	0.72	1.65	0.40	-0.30	0.88	
HMG4V2	0.31	-0.56	0.06	0.22	-0.31	0.10	0.54	-0.07	0.13	0.44	-0.11	0.60	
JHJX2V	0.57	1.58	0.15	0.68	2.54	0.05	1.06	3.20	0.09	0.63	0.96	0.42	
LJTP3B	0.35	-0.19	0.17	0.22	-0.27	0.35	0.61	0.39	0.31	0.43	-0.14	0.37	
NC2EMX	1.67	10.51X	0.64	0.47	1.23	0.99	0.63	0.51	0.78	0.47	0.06	1.13	
QVRACQ	0.38	0.00	0.62	0.47	1.23	1.23	0.44	-0.68	1.52	0.39	-0.38	1.83	
RQB4DV	0.40	0.23	0.88	0.27	0.00	1.10	0.48	-0.43	1.11	0.46	0.03	0.23	
U7A393	0.30	-0.60	0.11	0.21	-0.36	0.24	0.54	-0.08	0.39	0.41	-0.23	0.09	
UJY2Y6							0.24	-1.93	0.42	0.08	-2.12	0.95	
YFNDUP	0.50	1.01		0.40	0.82	0.00	0.57	0.09	2.06	0.90	2.48	1.96	

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1705	SRB1706	SRB1707	SRB1708		
Grand Median	0.38	0.27	0.55	0.46		
Median Abs Dev	0.07	0.06	0.07	0.07		
Avg Within Lab SD	0.09	0.06	0.07	0.05		
Labs Included	13	14	14	15		
Labs Reporting	14	14	15	15		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

P (SubTestCode 225) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>0.66</b>		0.00	<b>0.28</b>		1.36	<b>0.25</b>		0.81	<b>0.31</b>	0.93
<b>BC88YC</b>	<b>0.71</b>		1.36	<b>0.16</b>		0.39	<b>0.28</b>		1.09	<b>0.35</b>	0.46
<b>DJDTZC</b>	<b>0.67</b>		1.30	<b>0.27</b>		0.35	<b>0.24</b>		1.07	<b>0.31</b>	0.55
<b>JEMB6M</b>	<b>0.61</b>		0.68	<b>0.27</b>		1.36	<b>0.25</b>			<b>0.35</b>	1.62
P (SubTestCode 225) in the Dry Ash Property Groups										Data units: Percent	
	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	0.67			0.27			0.25			0.33	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.02			0.00			0.01			0.01	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

K (SubTestCode 226) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>3.72</b>		0.53	<b>1.92</b>		0.88	<b>2.37</b>		0.48	<b>9.00</b>	1.16
<b>BC88YC</b>	<b>3.81</b>		1.83	<b>1.10</b>		0.42	<b>2.42</b>		1.64	<b>10.75</b>	0.08
<b>DJDTZC</b>	<b>3.31</b>		0.21	<b>1.75</b>		1.31	<b>2.18</b>		1.01	<b>8.48</b>	1.29
<b>JEMB6M</b>	<b>3.01</b>		0.58	<b>1.66</b>		1.15	<b>2.01</b>		0.27	<b>7.00</b>	
K (SubTestCode 226) in the Dry Ash Property Groups										Data units: Percent	
	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	3.52			1.71			2.28			8.74	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.04			0.03			0.04			0.16	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### Ca (SubTestCode 227) in the Dry Ash Property Groups Data units: Percent

WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>0.38</b>		0.23	<b>1.91</b>		0.40	<b>0.55</b>		0.47	<b>1.90</b>	0.12
<b>BC88YC</b>	<b>0.44</b>		0.67	<b>1.86</b>		1.72	<b>0.66</b>		1.35	<b>1.90</b>	1.15
<b>DJDTZC</b>	<b>0.37</b>		1.86	<b>1.78</b>		0.83	<b>0.49</b>		0.67	<b>2.01</b>	0.59
<b>JEMB6M</b>	<b>0.44</b>		0.23	<b>2.74</b>		0.44	<b>0.78</b>		1.23	<b>2.81</b>	1.52

### Ca (SubTestCode 227) in the Dry Ash Property Groups Data units: Percent

	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>		0.41			1.89			0.61			1.96
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>		0.03			0.06			0.01			0.08
<b>Labs Included</b>		4			4			4			4
<b>Labs Reporting</b>		4			4			4			4



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

**Mg (SubTestCode 228) in the Dry Ash Property Groups** **Data units: Percent**

WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>0.19</b>		0.00	<b>0.45</b>		0.77	<b>0.29</b>		1.17	<b>0.74</b>	0.00
<b>BC88YC</b>	<b>0.20</b>		1.61	<b>0.26</b>		0.82	<b>0.32</b>		1.05	<b>0.75</b>	0.62
<b>DJDTZC</b>	<b>0.19</b>		1.18	<b>0.43</b>		1.46	<b>0.30</b>		0.38	<b>0.69</b>	0.40
<b>JEMB6M</b>	<b>0.17</b>		0.00	<b>0.45</b>		0.77	<b>0.30</b>		1.17	<b>0.78</b>	1.86

**Mg (SubTestCode 228) in the Dry Ash Property Groups** **Data units: Percent**

	SRB1705	SRB1706	SRB1707	SRB1708
<b>Grand Median</b>	0.19	0.44	0.30	0.75
<b>Median Abs Dev</b>				
<b>Avg Within Lab SD</b>	0.00	0.01	0.00	0.02
<b>Labs Included</b>	4	4	4	4
<b>Labs Reporting</b>	4	4	4	4



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Na (SubTestCode 229) in the Dry Ash Property Groups										Data units: Percent	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>0.081</b>		0.120	<b>0.007</b>		0.184	<b>0.005</b>		0.193	<b>0.072</b>	0.205
<b>BC88YC</b>	<b>0.090</b>		0.193	<b>0.027</b>		0.714	<b>0.014</b>		0.400	<b>0.086</b>	0.185
<b>DJDTZC</b>	<b>0.097</b>		1.863	<b>0.016</b>		0.287	<b>0.014</b>		0.280	<b>0.095</b>	0.871
<b>JEMB6M</b>	<b>0.147</b>		0.692	<b>0.047</b>		1.837	<b>0.043</b>		1.930	<b>0.230</b>	1.779
Na (SubTestCode 229) in the Dry Ash Property Groups										Data units: Percent	
	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	0.09			0.022			0.014			0.09	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.01			0.003			0.003			0.01	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB1705			SRB1706			SRB1707			SRB1708
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>DZ6Q37</b>	<b>29.0</b>		1.4	<b>158.0</b>		1.3	<b>658.0</b>		0.8	<b>187.2</b> 0.6
<b>JEMB6M</b>	<b>10.7</b>		0.1	<b>130.1</b>		0.5	<b>702.7</b>		1.2	<b>222.9</b> 1.3
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
	SRB1705			SRB1706			SRB1707			SRB1708
<b>Grand Median</b>	19.9			144.0			680.3			205.1
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	6.2			1.0			17.2			10.8
<b>Labs Included</b>	2			2			2			2
<b>Labs Reporting</b>	2			2			2			2



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>32.7</b>	1.4	1.9	<b>34.0</b>	1.2	1.2	<b>16.3</b>	0.8	0.4	<b>38.0</b>	2.3	0.7
<b>BC88YC</b>	<b>34.6</b>	1.7	1.2	<b>30.7</b>	0.0	0.1	<b>14.9</b>	0.4	0.3	<b>31.5</b>	-0.6	0.3
<b>DJDTZC</b>	<b>23.3</b>	-0.2	0.4	<b>27.1</b>	-1.2	0.4	<b>16.1</b>	0.8	2.0	<b>33.6</b>	0.4	1.9
<b>DZ6Q37</b>	<b>24.1</b>	0.0	0.5	<b>30.4</b>	0.0	0.4	<b>11.7</b>	-0.4	0.2	<b>32.5</b>	-0.1	0.3
<b>JEMB6M</b>	<b>20.4</b>	-0.7	0.4	<b>26.4</b>	-1.4	0.6	<b>9.4</b>	-1.1	0.2	<b>33.0</b>	0.1	1.1
<b>WM898M</b>	<b>24.5</b>	0.0	0.6	<b>31.2</b>	0.2	1.9	<b>11.7</b>	-0.5	1.3	<b>31.3</b>	-0.6	0.6

### B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB1705	SRB1706	SRB1707	SRB1708
<b>Grand Median</b>	24.3	30.5	13.3	32.7
<b>Median Abs Dev</b>	2.4	2.0	2.2	1.1
<b>Avg Within Lab SD</b>	0.8	1.4	1.5	1.5
<b>Labs Included</b>	6	6	6	6
<b>Labs Reporting</b>	6	6	6	6



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### Zn (SubTestCode 232) in the Dry Ash Property Groups Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>79.0</b>		0.6	<b>28.3</b>		0.3	<b>24.3</b>		0.3	<b>35.7</b>	0.4
<b>BC88YC</b>	<b>70.0</b>		1.3	<b>30.2</b>		0.2	<b>23.8</b>		0.9	<b>33.4</b>	0.6
<b>DJDTZC</b>	<b>59.4</b>		1.4	<b>35.4</b>		0.3	<b>56.5</b>		1.6	<b>64.9</b>	0.2
<b>JEMB6M</b>	<b>67.6</b>		0.2	<b>32.5</b>		2.0	<b>25.2</b>		0.6	<b>41.2</b>	1.8

### Zn (SubTestCode 232) in the Dry Ash Property Groups Data units: mg/kg

	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	68.8			31.3			24.8			38.5	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	1.8			2.2			2.2			1.6	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mn (SubTestCode 233) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>24.3</b>		0.8	<b>63.7</b>		0.6	<b>56.0</b>		0.8	<b>63.3</b>	0.3
<b>BC88YC</b>	<b>26.3</b>		1.7	<b>62.9</b>		1.8	<b>59.5</b>		1.4	<b>67.4</b>	0.4
<b>DJDTZC</b>	<b>24.2</b>		0.8	<b>60.7</b>		0.5	<b>58.8</b>		1.2	<b>69.1</b>	0.5
<b>JEMB6M</b>	<b>17.9</b>		0.3	<b>57.7</b>		0.3	<b>51.5</b>		0.2	<b>63.7</b>	1.9
Mn (SubTestCode 233) in the Dry Ash Property Groups										Data units: mg/kg	
	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	24.2			61.8			57.4			65.6	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.8			0.9			1.3			1.7	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Fe (SubTestCode 234) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>61.3</b>		0.2	<b>156.0</b>		0.2	<b>411.7</b>		0.5	<b>149.3</b>	0.1
<b>BC88YC</b>	<b>59.5</b>		1.8	<b>145.2</b>		1.7	<b>419.4</b>		1.8	<b>197.1</b>	0.2
<b>DJDTZC</b>	<b>74.0</b>		0.8	<b>211.2</b>		0.9	<b>585.6</b>		0.6	<b>296.8</b>	2.0
<b>JEMB6M</b>	<b>43.3</b>		0.3	<b>158.5</b>		0.1	<b>418.2</b>		0.2	<b>172.2</b>	0.2

Fe (SubTestCode 234) in the Dry Ash Property Groups										Data units: mg/kg
	SRB1705			SRB1706			SRB1707			SRB1708
<b>Grand Median</b>	60.4			157.3			418.8			184.6
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	2.5			7.5			21.2			76.2
<b>Labs Included</b>	4			4			4			4
<b>Labs Reporting</b>	4			4			4			4





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### Cu (SubTestCode 235) in the Dry Ash Property Groups Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>62PGXK</b>	<b>15.5</b>		0.2	<b>20.7</b>		0.2	<b>33.3</b>		0.6	<b>4.9</b>	0.1
<b>BC88YC</b>	<b>15.5</b>		0.5	<b>19.6</b>		1.1	<b>32.7</b>		0.8	<b>10.4</b>	0.4
<b>DJDTZC</b>	<b>15.4</b>		1.9	<b>16.0</b>		1.5	<b>30.2</b>		1.0	<b>9.3</b>	1.8
<b>JEMB6M</b>	<b>16.5</b>		0.0	<b>20.8</b>		0.7	<b>34.0</b>		1.4	<b>12.0</b>	0.8

### Cu (SubTestCode 235) in the Dry Ash Property Groups Data units: mg/kg

	SRB1705			SRB1706			SRB1707			SRB1708	
<b>Grand Median</b>	15.5			20.2			33.0			9.85	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	1.6			0.4			1.3			0.85	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
SRB1705			SRB1706			SRB1707			SRB1708		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>WM898M</b>	<b>0.25</b>		1.00	<b>0.70</b>		1.00	<b>1.67</b>		1.00	<b>0.45</b>	1.00

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1705		SRB1706		SRB1707	SRB1708
<b>Grand Median</b>	0.25		0.70		1.67	0.45
<b>Median Abs Dev</b>						
<b>Avg Within Lab SD</b>	0.08		0.13		0.11	0.12
<b>Labs Included</b>	1		1		1	1
<b>Labs Reporting</b>	1		1		1	1



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3783NU</b>	<b>0.08</b>	0.02	0.01	<b>0.20</b>	-0.02	0.04	<b>0.36</b>	0.12	0.22	<b>0.20</b>	-0.01	0.01	
<b>8HMNYQ</b>	<b>0.04</b>	-0.29	0.03	<b>0.09</b>	-0.86	1.31	<b>0.03</b>	-2.56	0.04	<b>0.88</b>	2.09	0.08	
<b>8YWAN8</b>	<b>0.37</b>	2.17	0.53	<b>0.37</b>	1.45	1.25	<b>0.42</b>	0.62	0.34	<b>0.56</b>	1.11	0.68	
<b>9Q99HT</b>	<b>0.44</b>	2.74	2.77	<b>0.51</b>	2.59	2.16	<b>0.47</b>	1.07	2.79	<b>0.85</b>	1.98	2.75	
<b>HMG4V2</b>	<b>0.08</b>	-0.02	0.14	<b>0.20</b>	0.02	0.07	<b>0.34</b>	-0.06	0.06	<b>0.21</b>	0.01	0.03	
<b>LJTP3B</b>	<b>0.07</b>	-0.05	0.04	<b>0.17</b>	-0.23	0.06	<b>0.27</b>	-0.58	0.18	<b>0.16</b>	-0.14	0.02	
<b>QVRACQ</b>	<b>0.09</b>	0.09	0.08	<b>0.22</b>	0.20	0.16	<b>0.35</b>	0.06	0.03	<b>0.20</b>	-0.01	0.01	
<b>U7A393</b>	<b>0.08</b>	-0.02	0.09	<b>0.20</b>	-0.02	0.17	<b>0.31</b>	-0.32	0.11	<b>0.19</b>	-0.05	0.02	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1705	SRB1706	SRB1707	SRB1708	
<b>Grand Median</b>	0.080	0.20	0.34	0.21	
<b>Median Abs Dev</b>	0.009	0.03	0.05	0.03	
<b>Avg Within Lab SD</b>	0.073	0.09	0.15	0.25	
<b>Labs Included</b>	8	8	8	8	
<b>Labs Reporting</b>	8	8	8	8	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3783NU	0.5	-3.8X	0.0	68.9	1.0	0.4	14.7	0.7	1.2	73.6	1.4	0.7		
8HMNYQ	2.9	-1.5	0.2	45.2	-1.3	0.6	7.4	-2.3	1.6	47.3	-0.8	2.0		
8YWAN8	4.4	0.0	0.1	58.6	0.0	0.8	13.1	0.1	0.1	54.6	-0.2	0.3		
9Q99HT	2.5	-1.8	1.7	45.5	-1.3	0.9	9.8	-1.3	0.7	42.0	-1.2	0.2		
DKQEL7	3.7	-0.6	0.6	52.0	-0.7	1.5	11.3	-0.7	1.0	54.9	-0.1	1.3		
DRRH26	5.8	1.4	0.3	63.8	0.5	0.7	14.8	0.8	1.4	60.7	0.4	0.4		
HMG4V2	4.5	0.2	1.0	69.9	1.1	0.2	14.3	0.6	0.3	77.4	1.7	0.5		
JUGU3X	3.6	-0.8	0.5	54.0	-0.5	0.1	11.4	-0.6	0.3	48.6	-0.7	1.0		
LJTP3B	4.5	0.1	1.5	56.1	-0.3	0.8	12.7	-0.1	0.3	55.2	-0.1	1.0		
NJJU9F	5.0	0.7	1.2	68.4	0.9	0.2	14.1	0.5	0.4	64.5	0.7	0.8		
QVRACQ	4.7	0.3	1.5	59.3	0.0	1.7	12.0	-0.4	0.9	57.8	0.1	1.4		
U7A393	4.3	0.0	0.7	63.8	0.5	2.0	13.2	0.1	1.8	65.4	0.7	0.9		

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1705		SRB1706		SRB1707	
Grand Median	4.36		59.0		12.9	
Median Abs Dev	0.66		6.0		1.5	
Avg Within Lab SD	0.16		1.9		0.6	
Labs Included	11		12		12	
Labs Reporting	12		12		12	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3783NU	0.061	0.061	0.142	0.056	0.194	0.391	0.082	0.000	0.013	1.377	0.622	0.117	
8HMNYQ	0.036	-1.176	0.104	0.042	-0.523	0.207	0.740	6.903X	0.925	0.570	-4.661X	0.153	
8YWAN8	0.079	0.984	2.345	0.050	-0.113	1.230	0.078	-0.035	0.170	1.168	-0.747	0.127	
9Q99HT	0.085	1.262	0.061	0.336	14.123X	42.197	0.458	3.949	2.989	1.035	-1.614	3.265	
DKQEL7										1.267	-0.098	0.884	
DRRH26	0.097	1.854	0.602	0.123	3.542	2.301	0.130	0.507	0.180	1.287	0.033	0.117	
HMG4V2	0.056	-0.177	0.276	0.052	-0.025	0.350	0.083	0.011	0.037	1.330	0.317	0.230	
JHJX2V	0.074	0.739	1.951	0.082	1.502	0.601	0.220	1.451	0.031	1.651	2.419	0.316	
JUGU3X										1.204	-0.509	0.122	
LJTP3B	0.058	-0.061	0.262	0.054	0.075	1.155	0.079	-0.024	0.016	1.277	-0.033	0.088	
NJJU9F										1.509	1.487	0.436	
QVRACQ	0.056	-0.172	0.077	0.050	-0.097	0.324	0.078	-0.036	0.030	1.257	-0.161	0.266	
U7A393	0.054	-0.259	0.381	0.052	0.000	0.269	0.076	-0.057	0.061	1.290	0.055	0.276	

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB1705			SRB1706			SRB1707			SRB1708			
Grand Median	0.060			0.052			0.082			1.28			
Median Abs Dev	0.010			0.002			0.003			0.06			
Avg Within Lab SD	0.010			0.010			0.096			0.13			
Labs Included	10			9			9			12			
Labs Reporting	10			10			10			13			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3783NU</b>	<b>0.12</b>	0.27	0.04	<b>0.43</b>	0.13	0.32	<b>1.08</b>	0.32	0.22	<b>1.10</b>	2.00	2.05	
<b>8HMNYQ</b>	<b>0.05</b>	-0.82	0.00	<b>0.52</b>	0.80	1.01	<b>0.49</b>	-1.80	0.23	<b>0.23</b>	-1.20	0.16	
<b>8YWAN8</b>	<b>0.01</b>	-1.46	0.00	<b>0.34</b>	-0.61	0.49	<b>0.99</b>	0.00	0.08	<b>0.42</b>	-0.49	0.21	
<b>9Q99HT</b>	<b>0.04</b>	-0.93	1.08	<b>0.40</b>	-0.13	2.69	<b>0.85</b>	-0.52	2.07	<b>3.26</b>	9.94X	26.75	
<b>DKQEL7</b>							<b>1.13</b>	0.50	0.67				
<b>DRRH26</b>	<b>0.13</b>	0.52	2.07	<b>0.29</b>	-1.03	1.19	<b>0.68</b>	-1.13	0.60	<b>0.55</b>	0.00	0.36	
<b>HMG4V2</b>	<b>0.11</b>	0.20	0.20	<b>0.46</b>	0.30	0.84	<b>1.46</b>	1.66	2.59	<b>0.84</b>	1.04	2.46	
<b>JUGU3X</b>				<b>0.37</b>	-0.36	0.11	<b>0.91</b>	-0.28	0.13	<b>0.45</b>	-0.37	0.11	
<b>LJTP3B</b>	<b>0.10</b>	-0.06	0.07	<b>0.35</b>	-0.51	0.39	<b>0.92</b>	-0.27	0.18	<b>0.48</b>	-0.27	0.22	
<b>NJJU9F</b>				<b>0.68</b>	2.12	0.43	<b>1.26</b>	0.97	0.90	<b>0.84</b>	1.05	0.30	
<b>QVRACQ</b>	<b>0.09</b>	-0.25	0.42	<b>0.33</b>	-0.69	0.53	<b>0.88</b>	-0.41	0.27	<b>0.43</b>	-0.45	0.14	
<b>U7A393</b>	<b>0.11</b>	0.06	0.06	<b>0.48</b>	0.53	0.56	<b>1.04</b>	0.15	0.27	<b>0.57</b>	0.06	0.39	
<b>YFNDUP</b>	<b>0.24</b>	2.18	2.07	<b>0.53</b>	0.88	0.59	<b>1.20</b>	0.74	0.30	<b>0.68</b>	0.48	0.48	

Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB1705			SRB1706			SRB1707			SRB1708			
<b>Grand Median</b>	0.10			0.42			0.99			0.55			
<b>Median Abs Dev</b>	0.02			0.07			0.14			0.13			
<b>Avg Within Lab SD</b>	0.03			0.08			0.23			0.19			
<b>Labs Included</b>	10			12			13			11			
<b>Labs Reporting</b>	10			12			13			12			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3783NU</b>	<b>2.88</b>	0.04	0.25	<b>2.83</b>	-0.10	0.24	<b>0.26</b>	-0.82	0.14	<b>2.95</b>	0.17	0.27	
<b>8HMNYQ</b>	<b>1.87</b>	-1.30	0.86	<b>1.30</b>	-1.95	1.82	<b>0.22</b>	-0.92	0.08	<b>1.12</b>	-1.63	0.04	
<b>8YWAN8</b>	<b>2.76</b>	-0.11	0.27	<b>2.91</b>	0.00	0.18	<b>0.64</b>	0.12	0.14	<b>2.64</b>	-0.13	0.28	
<b>9Q99HT</b>	<b>2.86</b>	0.01	0.21	<b>3.04</b>	0.15	1.29	<b>0.61</b>	0.02	2.99	<b>2.57</b>	-0.20	0.25	
<b>DKQEL7</b>	<b>1.67</b>	-1.56	1.24	<b>2.73</b>	-0.22	1.43	<b>3.70</b>	7.51X	19.01	<b>1.77</b>	-0.99	1.11	
<b>DRRH26</b>	<b>2.78</b>	-0.09	1.07	<b>3.63</b>	0.87	0.26	<b>1.55</b>	2.31	0.87	<b>3.33</b>	0.54	0.23	
<b>FLDNVY</b>	<b>4.69</b>	2.43	0.82	<b>4.75</b>	2.22	0.84	<b>1.49</b>	2.16	0.50	<b>4.82</b>	2.02	0.10	
<b>HMG4V2</b>	<b>3.28</b>	0.57	0.80	<b>3.27</b>	0.43	0.59	<b>0.66</b>	0.15	0.09	<b>3.51</b>	0.72	1.55	
<b>JUGU3X</b>	<b>2.71</b>	-0.19	0.25	<b>2.81</b>	-0.13	0.14	<b>0.56</b>	-0.10	0.26	<b>2.45</b>	-0.32	0.23	
<b>LJTP3B</b>	<b>2.85</b>	0.00	0.59	<b>2.83</b>	-0.10	0.45	<b>0.55</b>	-0.10	0.16	<b>2.77</b>	0.00	0.89	
<b>NJJU9F</b>	<b>4.07</b>	1.61	0.44	<b>4.36</b>	1.74	0.58				<b>4.23</b>	1.43	2.82	
<b>QVRACQ</b>	<b>2.39</b>	-0.61	2.73	<b>2.46</b>	-0.55	1.67	<b>0.30</b>	-0.71	0.93	<b>2.28</b>	-0.48	0.35	
<b>U7A393</b>	<b>3.04</b>	0.25	0.14	<b>3.18</b>	0.32	1.20	<b>0.60</b>	0.00	0.25	<b>2.90</b>	0.13	0.40	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1705		SRB1706		SRB1707	
<b>Grand Median</b>	2.85		2.91		0.60	
<b>Median Abs Dev</b>	0.19		0.27		0.06	
<b>Avg Within Lab SD</b>	0.12		0.15		0.19	
<b>Labs Included</b>	13		13		11	
<b>Labs Reporting</b>	13		13		12	



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### Pb (SubTestCode 242) in the Heavy Metals Property Groups Data units: mg/kg

WebCode	SRB1705			SRB1706			SRB1707			SRB1708		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3783NU	0.03	-0.16	0.01	0.18	0.00	0.07	0.69	0.00	0.10	0.27	0.11	0.60
8YWAN8	0.28	1.28	0.86	0.01	-1.05	0.00	0.79	1.15	1.14	0.72	12.84X	4.63
9Q99HT	0.36	1.74	2.07	0.65	2.79	2.44	0.78	0.99	2.16	0.32	1.49	2.20
DKQEL7							1.20	5.62X	1.26			
HMG4V2							0.62	-0.80	0.65	0.24	-0.75	0.42
LJTP3B				0.18	0.00	0.10	0.72	0.33	0.73	0.26	-0.11	0.37
QVRACQ	0.06	0.00	0.03	0.21	0.16	0.15	0.64	-0.59	0.21	0.30	1.17	0.65
U7A393	0.03	-0.19	0.01	0.18	-0.04	0.14	0.61	-0.86	0.23	0.25	-0.42	0.25

### Pb (SubTestCode 242) in the Heavy Metals Property Groups Data units: mg/kg

	SRB1705	SRB1706	SRB1707	SRB1708
Grand Median	0.058	0.18	0.69	0.26
Median Abs Dev	0.032	0.02	0.07	0.02
Avg Within Lab SD	0.142	0.07	0.11	0.04
Labs Included	5	6	7	6
Labs Reporting	5	6	8	7





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1705			SRB1706			SRB1707			SRB1708			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>3783NU</b>	<b>43.7</b>	1.9	0.3	<b>113.3</b>	1.2	0.7	<b>7.8</b>	0.1	0.5	<b>89.3</b>	2.1	0.2	
<b>8YWAN8</b>	<b>31.7</b>	-0.8	0.4	<b>88.3</b>	-0.9	0.1	<b>7.7</b>	-0.2	1.7	<b>65.7</b>	-0.8	0.5	
<b>9Q99HT</b>	<b>35.1</b>	0.0	2.7	<b>99.6</b>	0.0	2.5	<b>8.0</b>	0.4	2.4	<b>72.5</b>	0.0	2.5	
<b>DKQEL7</b>	<b>32.0</b>	-0.7		<b>86.7</b>	-1.1	1.6				<b>68.0</b>	-0.5	1.3	
<b>DRRH26</b>	<b>36.0</b>	0.2	0.1	<b>100.4</b>	0.1	0.2	<b>7.9</b>	0.2	0.5	<b>72.4</b>	0.0	0.3	
<b>HMG4V2</b>	<b>38.1</b>	0.6	0.6	<b>104.0</b>	0.4	0.2	<b>8.1</b>	0.8	0.3	<b>77.7</b>	0.7	0.4	
<b>JUGU3X</b>	<b>32.1</b>	-0.7	0.3	<b>91.2</b>	-0.7	0.0	<b>6.7</b>	-2.5	0.2	<b>66.1</b>	-0.8	0.2	
<b>LJTP3B</b>	<b>33.3</b>	-0.4	0.7	<b>86.9</b>	-1.1	0.2	<b>7.7</b>	-0.1	0.4	<b>67.3</b>	-0.6	0.2	
<b>NJJU9F</b>	<b>42.9</b>	1.7	0.7	<b>113.2</b>	1.1	0.3	<b>8.3</b>	1.3	0.1	<b>82.5</b>	1.2	1.0	
<b>U7A393</b>	<b>37.4</b>	0.5	0.8	<b>103.3</b>	0.3	1.1	<b>7.6</b>	-0.3	0.8	<b>75.5</b>	0.4	1.1	
<b>YFNDUP</b>	<b>35.1</b>	0.0	0.7	<b>92.8</b>	-0.6	0.3	<b>7.4</b>	-0.8	0.1	<b>70.0</b>	-0.3	0.3	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1705	SRB1706	SRB1707	SRB1708		
<b>Grand Median</b>	35.1	99.6	7.76	72.4		
<b>Median Abs Dev</b>	2.9	8.4	0.17	5.1		
<b>Avg Within Lab SD</b>	1.3	4.5	0.69	2.3		
<b>Labs Included</b>	11	11	10	11		
<b>Labs Reporting</b>	11	11	10	11		



ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

PH (SubTestCode 301) <span style="float: right;">Data units:</span>												
WebCode	SRW1704			SRW1705			SRW1706					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
<b>62PGXK</b>	<b>7.65</b>	-1.80	0.17	<b>7.93</b>	-2.02	0.15	<b>7.51</b>	-1.38	0.37			
<b>8HMNYQ</b>	<b>7.85</b>	-0.87	0.30	<b>8.13</b>	-0.77	0.19	<b>7.73</b>	-0.34	0.22			
<b>8YWAN8</b>	<b>7.87</b>	-0.77	0.00	<b>8.10</b>	-0.94	0.00	<b>7.68</b>	-0.59	0.00			
<b>AJP7AQ</b>	<b>8.12</b>	0.40	1.45	<b>8.28</b>	0.19	0.79	<b>7.80</b>	-0.03	1.08			
<b>B4RBDQ</b>	<b>8.04</b>	0.00	0.54	<b>8.23</b>	-0.13	0.00	<b>7.98</b>	0.79	0.06			
<b>BQ8TKM</b>	<b>7.77</b>	-1.24	0.83	<b>7.90</b>	-2.19	0.00	<b>7.50</b>	-1.42				
<b>CE7RKN</b>	<b>8.15</b>	0.52	0.00	<b>8.28</b>	0.19	0.00	<b>7.83</b>	0.11	0.00			
<b>CL9R26</b>	<b>8.27</b>	1.06	0.83	<b>8.27</b>	0.10	0.73	<b>7.53</b>	-1.27	1.20			
<b>DZ6Q37</b>	<b>7.97</b>	-0.29	0.91	<b>8.22</b>	-0.19	0.63	<b>7.74</b>	-0.32	1.10			
<b>M4WU6B</b>	<b>8.24</b>	0.95	3.27	<b>8.08</b>	-1.08	3.69	<b>7.97</b>	0.76	3.23			
<b>N4RMJU</b>	<b>8.21</b>	0.78	0.22	<b>8.39</b>	0.90	0.19	<b>7.80</b>	-0.03	0.55			
<b>NJJU9F</b>	<b>8.00</b>	-0.17	0.50	<b>8.23</b>	-0.13	0.44	<b>7.81</b>	0.00	0.76			
<b>NVC7PZ</b>	<b>8.08</b>	0.21	0.36	<b>8.25</b>	0.00	0.38	<b>7.86</b>	0.26	0.51			
<b>RQB4DV</b>	<b>8.03</b>	-0.02	0.30	<b>8.32</b>	0.46	0.26	<b>8.16</b>	1.62	0.12			
<b>UJY2Y6</b>	<b>8.03</b>	-0.05	0.60	<b>8.25</b>	0.00		<b>8.14</b>	1.55	0.10			
<b>X6BTWN</b>	<b>8.27</b>	1.07	0.76	<b>8.39</b>	0.90	0.51	<b>8.00</b>	0.90	0.52			
<b>XEDFF9</b>	<b>8.31</b>	1.26	0.43	<b>8.46</b>	1.29	0.15	<b>7.83</b>	0.09	0.30			
PH (SubTestCode 301) <span style="float: right;">Data units:</span>												
	SRW1704			SRW1705			SRW1706					
<b>Grand Median</b>	8.04			8.25			7.81					
<b>Median Abs Dev</b>	0.17			0.07			0.13					
<b>Avg Within Lab SD</b>	0.07			0.08			0.10					
<b>Labs Included</b>	17			17			17					
<b>Labs Reporting</b>	17			17			17					



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.31</b>	0.20	0.87	<b>0.55</b>	0.19	0.71	<b>0.15</b>	0.55	0.00
<b>8HMNYQ</b>	<b>0.29</b>	-0.92	0.00	<b>0.51</b>	-1.02	0.71	<b>0.14</b>	-0.48	0.00
<b>8YWAN8</b>	<b>0.31</b>	0.28	0.00	<b>0.54</b>	-0.23	0.00	<b>0.14</b>	-0.38	0.00
<b>AJP7AQ</b>	<b>0.31</b>	0.42	0.93	<b>0.54</b>	0.07	0.33	<b>0.15</b>	0.36	0.77
<b>B4RBDQ</b>	<b>0.30</b>	-0.25	0.00	<b>0.54</b>	-0.05	0.00	<b>0.14</b>	-0.48	0.00
<b>CE7RKN</b>	<b>0.32</b>	1.09	0.00	<b>0.54</b>	0.02	0.00	<b>0.16</b>	1.58	0.00
<b>CL9R26</b>	<b>0.30</b>	-0.25	3.00	<b>0.49</b>	-2.00	2.84	<b>0.15</b>	0.21	1.88
<b>DZ6Q37</b>	<b>0.31</b>	0.42	0.00	<b>0.55</b>	0.32	0.00	<b>0.15</b>	0.55	0.00
<b>M4WU6B</b>	<b>0.28</b>	-1.70	0.08	<b>0.49</b>	-1.77	0.05	<b>0.14</b>	-0.68	0.14
<b>N4RMJU</b>	<b>0.27</b>	-2.24	0.09	<b>0.49</b>	-1.73	0.37	<b>0.13</b>	-1.99	0.19
<b>NJJU9F</b>	<b>0.30</b>	-0.05	0.15	<b>0.54</b>	0.12	0.07	<b>0.14</b>	-0.03	0.38
<b>NVC7PZ</b>	<b>0.30</b>	-0.16	0.17	<b>0.54</b>	-0.02	0.14	<b>0.14</b>	-0.17	0.33
<b>RQB4DV</b>	<b>0.30</b>	0.05	0.11	<b>0.55</b>	0.19	0.19	<b>0.15</b>	0.03	0.33
<b>UJY2Y6</b>	<b>0.31</b>	0.22	0.15	<b>0.55</b>	0.41	0.19	<b>0.15</b>	0.76	2.82
<b>X6BTWN</b>	<b>0.30</b>	-0.47	2.29	<b>0.52</b>	-0.66	2.56	<b>0.14</b>	-0.83	1.88
<b>XEDFF9</b>	<b>0.33</b>	2.07	0.14	<b>0.60</b>	1.98	0.16	<b>0.16</b>	1.71	0.06

EC (SubTestCode 302)

Data units: dS/m

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.30	0.54	0.14
<b>Median Abs Dev</b>	0.01	0.01	0.01
<b>Avg Within Lab SD</b>	0.01	0.01	0.00
<b>Labs Included</b>	16	16	16
<b>Labs Reporting</b>	16	16	16



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>1.33</b>	-1.12	0.94	<b>2.87</b>	-0.81	0.31	<b>0.57</b>	-0.58	1.16
<b>8HMNYQ</b>	<b>1.38</b>	-0.63	0.20	<b>3.11</b>	0.31	0.05	<b>0.44</b>	-2.47	0.12
<b>8YWAN8</b>	<b>1.45</b>	0.00	0.09	<b>3.05</b>	0.03	0.23	<b>0.61</b>	0.02	0.14
<b>AJP7AQ</b>	<b>0.83</b>	-6.01X	0.21	<b>1.78</b>	-5.83X	0.25	<b>0.35</b>	-3.68X	0.27
<b>B4RBDQ</b>	<b>1.53</b>	0.79	0.53	<b>3.32</b>	1.26	0.51	<b>0.67</b>	0.96	0.37
<b>CL9R26</b>	<b>1.46</b>	0.15	0.33	<b>3.04</b>	0.00	0.77	<b>0.61</b>	0.00	0.46
<b>DZ6Q37</b>	<b>1.51</b>	0.60	0.25	<b>3.02</b>	-0.11	0.26	<b>0.61</b>	0.07	1.11
<b>N4RMJU</b>	<b>1.43</b>	-0.14	0.09	<b>2.85</b>	-0.91	0.24	<b>0.58</b>	-0.36	0.09
<b>NJJU9F</b>	<b>1.50</b>	0.49	0.02	<b>3.13</b>	0.39	0.01	<b>0.64</b>	0.49	0.03
<b>NVC7PZ</b>	<b>1.62</b>	1.68	0.33	<b>3.30</b>	1.18	0.16	<b>0.67</b>	0.89	0.64
<b>RQB4DV</b>	<b>1.64</b>	1.85	0.09	<b>3.27</b>	1.05	0.09	<b>0.70</b>	1.30	0.16
<b>UJY2Y6</b>	<b>1.44</b>	-0.09	2.81	<b>2.90</b>	-0.64	3.38	<b>0.59</b>	-0.19	3.05
<b>X6BTWN</b>	<b>1.41</b>	-0.34	0.33	<b>3.03</b>	-0.05	0.64	<b>0.59</b>	-0.24	0.53
<b>XEDFF9</b>	<b>1.36</b>	-0.88	1.87	<b>2.60</b>	-2.03	0.01	<b>0.53</b>	-1.19	0.04

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

Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	1.45	3.04	0.61
<b>Median Abs Dev</b>	0.06	0.14	0.03
<b>Avg Within Lab SD</b>	0.12	0.19	0.05
<b>Labs Included</b>	13	13	13
<b>Labs Reporting</b>	14	14	14



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1704			SRW1705			SRW1706			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>62PGXK</b>	<b>1.30</b>	-0.77	0.00	<b>1.70</b>	-0.11	0.00	<b>0.17</b>	0.76	2.43	
<b>8HMNYQ</b>	<b>1.43</b>	0.09	0.38	<b>1.76</b>	0.24	0.00				
<b>8YWAN8</b>	<b>1.36</b>	-0.37	0.16	<b>1.65</b>	-0.39	0.20	<b>0.14</b>	-0.14	0.15	
<b>AJP7AQ</b>	<b>0.83</b>	-3.96	0.23	<b>1.02</b>	-4.18	0.28	<b>0.08</b>	-2.40	0.08	
<b>B4RBDQ</b>	<b>1.45</b>	0.25	0.18	<b>1.82</b>	0.60	0.16	<b>0.15</b>	0.14	0.02	
<b>CL9R26</b>	<b>1.62</b>	1.40	0.29	<b>1.86</b>	0.84	0.60	<b>0.16</b>	0.41	0.24	
<b>DZ6Q37</b>	<b>1.42</b>	0.05	0.17	<b>1.77</b>	0.30	0.31	<b>0.11</b>	-1.13	0.50	
<b>N4RMJU</b>	<b>1.38</b>	-0.25	0.06	<b>1.65</b>	-0.39	0.16	<b>0.15</b>	0.20	0.29	
<b>NJJU9F</b>	<b>1.41</b>	0.00	0.01	<b>1.72</b>	0.00	0.04	<b>0.13</b>	-0.60	0.02	
<b>NVC7PZ</b>	<b>1.53</b>	0.79	0.76	<b>1.84</b>	0.72	0.54	<b>0.16</b>	0.63	0.08	
<b>RQB4DV</b>	<b>1.47</b>	0.41	0.15	<b>1.81</b>	0.55	0.13	<b>0.16</b>	0.62	0.17	
<b>UJY2Y6</b>	<b>1.41</b>	-0.03	3.38	<b>1.71</b>	-0.08	3.32	<b>0.13</b>	-0.44	1.09	
<b>X6BTWN</b>	<b>1.36</b>	-0.39	0.80	<b>1.66</b>	-0.37	1.02	<b>0.13</b>	-0.62	2.11	
<b>XEDFF9</b>	<b>16.63</b>	103.45X	0.40	<b>20.30</b>	110.56X	0.82	<b>1.54</b>	48.10X	0.05	

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
	SRW1704			SRW1705			SRW1706			
<b>Grand Median</b>		1.41			1.72			0.14		
<b>Median Abs Dev</b>		0.05			0.07			0.02		
<b>Avg Within Lab SD</b>		0.09			0.09			0.02		
<b>Labs Included</b>		13			13			12		
<b>Labs Reporting</b>		14			14			13		



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.40</b>	-1.41	0.00	<b>0.97</b>	-0.93	1.11	<b>0.60</b>	-1.38	0.00
<b>8HMNYQ</b>	<b>0.44</b>	-0.56	0.36	<b>0.96</b>	-1.00	0.00	<b>0.62</b>	-1.01	0.16
<b>8YWAN8</b>	<b>0.47</b>	-0.08	0.11	<b>1.04</b>	-0.11	0.25	<b>0.69</b>	0.00	0.24
<b>AJP7AQ</b>	<b>0.55</b>	1.58	0.48	<b>1.24</b>	1.98	0.62	<b>0.82</b>	2.06	0.30
<b>B4RBDQ</b>	<b>0.46</b>	-0.29	0.65	<b>1.12</b>	0.73	0.85	<b>0.69</b>	0.09	0.50
<b>CE7RKN</b>	<b>0.47</b>	-0.04	0.56	<b>0.99</b>	-0.63	0.49	<b>0.62</b>	-0.99	0.16
<b>CL9R26</b>	<b>0.47</b>	-0.10	0.18	<b>1.04</b>	-0.18	0.40	<b>0.66</b>	-0.43	0.27
<b>DZ6Q37</b>	<b>0.51</b>	0.68	0.31	<b>1.10</b>	0.47	0.58	<b>0.73</b>	0.71	0.17
<b>N4RMJU</b>	<b>0.47</b>	0.00	0.10	<b>0.98</b>	-0.73	0.31	<b>0.63</b>	-0.89	0.12
<b>NJJU9F</b>	<b>0.47</b>	-0.08	0.02	<b>1.05</b>	-0.06	0.05	<b>0.67</b>	-0.26	0.03
<b>NVC7PZ</b>	<b>0.58</b>	2.08	1.73	<b>1.13</b>	0.83	0.00	<b>0.75</b>	0.97	0.05
<b>RQB4DV</b>	<b>0.51</b>	0.76	0.23	<b>1.08</b>	0.27	0.33	<b>0.72</b>	0.48	0.12
<b>UJY2Y6</b>	<b>0.47</b>	0.00	2.76	<b>1.05</b>	0.00	3.35	<b>0.68</b>	-0.11	3.64
<b>X6BTWN</b>	<b>0.55</b>	1.55	1.75	<b>1.07</b>	0.15	0.67	<b>0.70</b>	0.26	1.09
<b>XEDFF9</b>	<b>0.52</b>	0.91	0.21	<b>1.25</b>	2.07	0.15	<b>0.72</b>	0.48	0.04

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

Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.47	1.05	0.69
<b>Median Abs Dev</b>	0.03	0.06	0.03
<b>Avg Within Lab SD</b>	0.03	0.05	0.04
<b>Labs Included</b>	15	15	15
<b>Labs Reporting</b>	15	15	15



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>0.030</b>	-0.790	0.000	<b>0.050</b>	-1.200	0.000	<b>0.010</b>	-0.776	0.000
<b>8YWAN8</b>	<b>0.048</b>	0.573	0.115	<b>0.073</b>	0.327	0.057	<b>0.029</b>	1.026	0.293
<b>AJP7AQ</b>	<b>0.038</b>	-0.204	0.446	<b>0.068</b>	-0.010	0.418	<b>0.013</b>	-0.519	0.393
<b>B4RBDQ</b>	<b>0.041</b>	0.003	0.115	<b>0.074</b>	0.349	0.150	<b>0.024</b>	0.560	0.293
<b>CE7RKN</b>	<b>0.053</b>	0.920	0.000	<b>0.078</b>	0.633	0.098	<b>0.025</b>	0.653	0.147
<b>CL9R26</b>	<b>0.040</b>	-0.046	0.000	<b>0.063</b>	-0.327	0.569	<b>0.010</b>	-0.776	0.000
<b>DZ6Q37</b>	<b>0.014</b>	-2.007	1.778	<b>0.041</b>	-1.785	1.206			
<b>N4RMJU</b>	<b>0.040</b>	-0.017	0.087	<b>0.068</b>	0.000	0.155	<b>0.018</b>	-0.030	0.167
<b>NJJU9F</b>	<b>0.042</b>	0.136	0.023	<b>0.070</b>	0.139	0.043	<b>0.019</b>	0.030	0.036
<b>RQB4DV</b>	<b>0.050</b>	0.681	0.074	<b>0.077</b>	0.587	0.203	<b>0.025</b>	0.646	0.254
<b>UJY2Y6</b>	<b>0.041</b>	0.000	0.736	<b>0.066</b>	-0.176	0.856	<b>0.015</b>	-0.312	1.061
<b>X6BTWN</b>	<b>0.080</b>	2.926	2.981	<b>0.093</b>	1.636	3.165	<b>0.043</b>	2.331	2.932
<b>XEDFF9</b>	<b>0.034</b>	-0.466	0.416	<b>0.044</b>	-1.599	0.440	<b>0.014</b>	-0.433	1.354

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

Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.041	0.068	0.018
<b>Median Abs Dev</b>	0.006	0.005	0.006
<b>Avg Within Lab SD</b>	0.010	0.010	0.004
<b>Labs Included</b>	13	13	12
<b>Labs Reporting</b>	13	13	12





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### NH4-N (SubTestCode 307) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>0.020</b>		0.000	<b>0.020</b>	0.071	0.000	<b>0.020</b>		0.000
<b>8YWAN8</b>				<b>0.001</b>	-0.117	0.000			
<b>N4RMJU</b>	<b>0.016</b>		0.108	<b>0.013</b>	0.000	0.198	<b>0.011</b>		0.036
<b>RQB4DV</b>	<b>0.007</b>		0.031	<b>0.002</b>	-0.109	0.054	<b>0.004</b>		0.028
<b>UJY2Y6</b>	<b>0.298</b>		1.997	<b>0.323</b>	3.075	2.227	<b>0.281</b>		1.999

### NH4-N (SubTestCode 307) in the Cations Property Groups Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.018	0.013	0.016
<b>Median Abs Dev</b>		0.011	
<b>Avg Within Lab SD</b>	0.043	0.020	0.034
<b>Labs Included</b>	4	5	4
<b>Labs Reporting</b>	4	5	4



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

**Sum Cations (SubTestCode 308) in the Cations Property Groups** Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>3.30</b>	-0.37	0.24	<b>5.90</b>	0.00	0.02	<b>1.09</b>	-2.62	0.05
<b>8YWAN8</b>	<b>3.32</b>	-0.23	0.10	<b>5.82</b>	-0.36	0.17	<b>1.47</b>	0.24	0.15
<b>CL9R26</b>	<b>3.59</b>	1.43	0.24	<b>6.00</b>	0.46	0.47	<b>1.43</b>	0.00	0.21
<b>DZ6Q37</b>	<b>3.45</b>	0.56	0.15	<b>5.93</b>	0.12	0.26	<b>1.46</b>	0.16	0.50
<b>N4RMJU</b>	<b>3.34</b>	-0.15	0.05	<b>5.57</b>	-1.49	0.17	<b>1.39</b>	-0.30	0.10
<b>RQB4DV</b>	<b>3.68</b>	1.98	0.12	<b>6.24</b>	1.52	0.11	<b>1.61</b>	1.30	0.09
<b>UJY2Y6</b>	<b>3.36</b>	0.00	2.61	<b>5.73</b>	-0.77	2.58	<b>1.42</b>	-0.10	2.58

**Sum Cations (SubTestCode 308) in the Cations Property Groups** Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	3.36	5.90	1.43
<b>Median Abs Dev</b>	0.06	0.10	0.03
<b>Avg Within Lab SD</b>	0.29	0.44	0.12
<b>Labs Included</b>	7	7	7
<b>Labs Reporting</b>	7	7	7



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

SAR (SubTestCode 309) in the Cations Property Groups										Data units:
WebCode	SRW1704			SRW1705			SRW1706			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>62PGXK</b>	<b>0.33</b>	-1.47	2.10	<b>0.67</b>	-0.11	2.14	<b>0.97</b>	-1.08	2.37	
<b>8HMNYQ</b>	<b>0.37</b>	-0.02	0.21	<b>0.61</b>	-1.01	0.21	<b>1.33</b>	1.85	0.47	
<b>8YWAN8</b>	<b>0.39</b>	0.76	0.04	<b>0.68</b>	0.11	0.15	<b>1.12</b>	0.17	0.21	
<b>B4RBDQ</b>	<b>0.37</b>	0.02	0.50	<b>0.70</b>	0.43	0.85	<b>1.08</b>	-0.17	0.33	
<b>CL9R26</b>	<b>0.37</b>	-0.02	0.76	<b>0.66</b>	-0.28	0.77	<b>1.05</b>	-0.42	0.00	
<b>XEDFF9</b>	<b>0.42</b>	1.76	0.85	<b>0.80</b>	2.10	0.19	<b>1.15</b>	0.37	0.02	

SAR (SubTestCode 309) in the Cations Property Groups										Data units:
	SRW1704			SRW1705			SRW1706			
<b>Grand Median</b>	0.37			0.67			1.10			
<b>Median Abs Dev</b>	0.01			0.02			0.05			
<b>Avg Within Lab SD</b>	0.03			0.03			0.05			
<b>Labs Included</b>	6			6			6			
<b>Labs Reporting</b>	6			6			6			



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

**Adj-SAR (SubTestCode 310) in the Cations Property Groups** **Data units:**

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.40</b>		0.00	<b>0.77</b>		1.41	<b>0.63</b>		1.41
<b>8HMNYQ</b>	<b>0.22</b>		1.41	<b>0.44</b>		0.00	<b>0.38</b>		0.14

**Adj-SAR (SubTestCode 310) in the Cations Property Groups** **Data units:**

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.31	0.60	0.51
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.00	0.04	0.04
<b>Labs Included</b>	2	2	2
<b>Labs Reporting</b>	2	2	2



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>2.80</b>	-0.29	0.00	<b>4.40</b>	1.18	0.00	<b>0.80</b>	-1.41	0.00
<b>8HMNYQ</b>	<b>2.80</b>	-0.32	1.59	<b>3.79</b>	-1.27	1.91	<b>0.82</b>	-1.27	1.06
<b>8YWAN8</b>	<b>2.84</b>	0.06	0.00	<b>4.17</b>	0.25	0.00	<b>0.99</b>	-0.04	0.00
<b>AJP7AQ</b>	<b>2.74</b>	-0.80	2.10	<b>3.86</b>	-0.99	2.21	<b>0.90</b>	-0.67	1.11
<b>CL9R26</b>	<b>2.83</b>	0.00	0.53	<b>4.13</b>	0.10	0.38	<b>1.00</b>	0.04	
<b>DZ6Q37</b>	<b>3.24</b>	3.56	1.48	<b>4.32</b>	0.86	0.84	<b>1.15</b>	1.12	0.00
<b>N4RMJU</b>	<b>2.87</b>	0.32	0.24	<b>3.88</b>	-0.93	0.50	<b>1.21</b>	1.53	2.48
<b>RQB4DV</b>	<b>2.92</b>	0.73	0.15	<b>4.08</b>	-0.10	0.11	<b>0.97</b>	-0.20	0.00
<b>UJY2Y6</b>	<b>2.76</b>	-0.67	0.55	<b>4.17</b>	0.24	0.26	<b>1.04</b>	0.31	0.69
<b>X6BTWN</b>	<b>2.83</b>	0.00	0.43	<b>3.90</b>	-0.82	0.54	<b>1.02</b>	0.16	0.06

### HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	2.83	4.11	1.00
<b>Median Abs Dev</b>	0.04	0.21	0.07
<b>Avg Within Lab SD</b>	0.11	0.15	0.10
<b>Labs Included</b>	10	10	10
<b>Labs Reporting</b>	10	10	10



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8YWAN8</b>				<b>0.02</b>		0.00			
<b>N4RMJU</b>				<b>0.19</b>		0.79			
<b>RQB4DV</b>				<b>0.10</b>		0.12			
<b>X6BTWN</b>				<b>0.19</b>		1.83			

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

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>		0.14	
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.00	0.03	0.00
<b>Labs Included</b>	0	4	0
<b>Labs Reporting</b>	0	4	0



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.17</b>	0.18	0.51	<b>0.94</b>	0.05	0.62	<b>0.16</b>	0.04	0.27
<b>8HMNYQ</b>	<b>0.17</b>	0.09	1.48	<b>0.93</b>	0.02	0.46	<b>0.13</b>	-0.59	0.27
<b>8YWAN8</b>	<b>0.20</b>	0.95	0.00	<b>0.99</b>	0.53	0.00	<b>0.20</b>	1.15	0.00
<b>AJP7AQ</b>	<b>0.14</b>	-0.56	0.58	<b>0.88</b>	-0.49	2.00	<b>0.12</b>	-0.90	0.55
<b>B4RBDQ</b>	<b>0.16</b>	-0.15	0.16	<b>0.94</b>	0.09	0.07	<b>0.14</b>	-0.50	0.07
<b>CL9R26</b>	<b>0.16</b>	-0.09	0.51	<b>0.88</b>	-0.49	1.45	<b>0.16</b>	0.13	2.04
<b>DZ6Q37</b>	<b>0.15</b>	-0.25	0.35	<b>0.93</b>	0.01	1.05	<b>0.15</b>	-0.04	0.17
<b>N4RMJU</b>	<b>0.25</b>	2.31	0.00	<b>1.19</b>	2.45	0.70	<b>0.20</b>	1.24	0.27
<b>NJJU9F</b>	<b>0.14</b>	-0.56	0.22	<b>0.89</b>	-0.40	0.07	<b>0.12</b>	-0.86	0.08
<b>NVC7PZ</b>	<b>0.22</b>	1.41	1.28	<b>0.75</b>	-1.72	0.40	<b>0.21</b>	1.33	1.17
<b>RQB4DV</b>	<b>0.13</b>	-0.80	0.07	<b>0.93</b>	-0.01	0.48	<b>0.12</b>	-0.93	0.17
<b>UJY2Y6</b>	<b>0.27</b>	3.04X	0.15	<b>0.38</b>	-5.26X	0.71	<b>0.28</b>	3.22X	0.14
<b>X6BTWN</b>	<b>0.19</b>	0.73	2.66	<b>0.74</b>	-1.85	1.82	<b>0.17</b>	0.39	2.43

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

Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.16	0.93	0.16
<b>Median Abs Dev</b>	0.02	0.05	0.03
<b>Avg Within Lab SD</b>	0.02	0.02	0.02
<b>Labs Included</b>	12	12	12
<b>Labs Reporting</b>	13	13	13



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### NO3 (SubTestCode 314) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.005</b>	-0.736	0.565				<b>0.002</b>	-1.116	
<b>8HMNYQ</b>	<b>0.333</b>	16.585X	3.262	<b>0.747</b>	56.846X	9.632	<b>0.093</b>	5.832X	4.058
<b>8YWAN8</b>	<b>0.031</b>	0.618	0.082	<b>0.010</b>	0.000	0.169	<b>0.023</b>	0.456	0.093
<b>AJP7AQ</b>	<b>0.032</b>	0.677	0.399	<b>0.018</b>	0.625	0.453	<b>0.026</b>	0.725	0.244
<b>BQ8TKM</b>	<b>0.030</b>	0.566	0.326	<b>0.027</b>	1.312	0.000	<b>0.023</b>	0.482	0.000
<b>CE7RKN</b>	<b>0.019</b>	-0.015	0.082	<b>0.009</b>	-0.051	0.098	<b>0.008</b>	-0.659	0.000
<b>CL9R26</b>	<b>0.023</b>	0.232	0.816	<b>0.020</b>	0.772	1.694	<b>0.017</b>	0.000	0.931
<b>DZ6Q37</b>	<b>0.009</b>	-0.521	1.524				<b>0.018</b>	0.064	3.014
<b>M4WU6B</b>	<b>0.041</b>	1.160	1.099	<b>0.011</b>	0.048	1.032	<b>0.021</b>	0.303	1.034
<b>N4RMJU</b>	<b>0.017</b>	-0.099	0.173	<b>0.007</b>	-0.257	0.345	<b>0.014</b>	-0.188	0.155
<b>NJJU9F</b>	<b>0.019</b>	0.000	0.031	<b>0.004</b>	-0.487	0.028	<b>0.015</b>	-0.138	0.023
<b>NVC7PZ</b>	<b>0.006</b>	-0.683	0.424	<b>0.001</b>	-0.695	0.000	<b>0.001</b>	-1.166	0.093
<b>RQB4DV</b>	<b>0.014</b>	-0.242	0.109	<b>0.002</b>	-0.600	0.084	<b>0.011</b>	-0.429	0.117
<b>X6BTWN</b>	<b>0.080</b>	3.221	2.825	<b>0.043</b>	2.572	2.588	<b>0.057</b>	3.043	0.931

### NO3 (SubTestCode 314) in the Anions Property Groups Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.019	0.010	0.017
<b>Median Abs Dev</b>	0.011	0.008	0.006
<b>Avg Within Lab SD</b>	0.007	0.006	0.006
<b>Labs Included</b>	13	11	13
<b>Labs Reporting</b>	14	12	14





## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.13</b>	-1.09	0.00	<b>0.52</b>	-1.21	0.50	<b>0.22</b>	-0.84	0.46
<b>8HMNYQ</b>	<b>0.15</b>	-0.61	0.00	<b>0.54</b>	-0.84	0.00	<b>0.22</b>	-0.84	0.00
<b>8YWAN8</b>	<b>0.16</b>	-0.25	0.07	<b>0.58</b>	-0.09	0.31	<b>0.24</b>	0.04	0.19
<b>CL9R26</b>	<b>0.19</b>	0.28	0.16	<b>0.56</b>	-0.53	0.76	<b>0.25</b>	0.50	0.46
<b>DZ6Q37</b>	<b>0.17</b>	-0.18	0.34	<b>0.60</b>	0.21	0.67	<b>0.25</b>	0.47	0.68
<b>N4RMJU</b>	<b>0.18</b>	0.20	0.04	<b>0.64</b>	1.02	0.37	<b>0.28</b>	2.04	0.28
<b>NVC7PZ</b>	<b>0.22</b>	1.18	0.98	<b>0.59</b>	0.09	1.50	<b>0.24</b>	-0.04	0.83
<b>RQB4DV</b>	<b>0.18</b>	0.18	0.04	<b>0.60</b>	0.28	0.15	<b>0.25</b>	0.63	0.02
<b>UJY2Y6</b>	<b>0.15</b>	-0.57	0.42	<b>0.53</b>	-1.03	2.26	<b>0.23</b>	-0.51	1.29
<b>X6BTWN</b>	<b>0.27</b>	2.21	2.95	<b>0.66</b>	1.44	1.04	<b>0.22</b>	-0.84	2.58

### SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.18	0.59	0.24
<b>Median Abs Dev</b>	0.02	0.04	0.01
<b>Avg Within Lab SD</b>	0.04	0.02	0.02
<b>Labs Included</b>	10	10	10
<b>Labs Reporting</b>	10	10	10



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>3.11</b>	-0.83	0.16	<b>5.86</b>	0.18	0.17	<b>1.18</b>	-1.37	0.17
<b>8HMNYQ</b>	<b>3.45</b>	1.32	2.00	<b>6.02</b>	0.76	2.50	<b>1.28</b>	-0.85	0.79
<b>8YWAN8</b>	<b>3.23</b>	-0.05	0.03	<b>5.77</b>	-0.15	0.06	<b>1.45</b>	0.06	0.05
<b>CL9R26</b>	<b>3.20</b>	-0.23	0.70	<b>5.59</b>	-0.80	0.72	<b>1.43</b>	-0.06	0.34
<b>DZ6Q37</b>	<b>3.57</b>	2.07	1.76	<b>5.85</b>	0.15	0.85	<b>1.56</b>	0.66	0.22
<b>N4RMJU</b>	<b>3.32</b>	0.49	0.28	<b>5.90</b>	0.33	0.46	<b>1.71</b>	1.40	2.56
<b>RQB4DV</b>	<b>3.25</b>	0.05	0.17	<b>5.71</b>	-0.34	0.23	<b>1.35</b>	-0.46	0.05
<b>UJY2Y6</b>	<b>3.18</b>	-0.36	0.52	<b>5.07</b>	-2.69	0.48	<b>1.54</b>	0.54	0.79

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

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	3.24	5.81	1.44
<b>Median Abs Dev</b>	0.07	0.09	0.11
<b>Avg Within Lab SD</b>	0.10	0.12	0.09
<b>Labs Included</b>	8	8	8
<b>Labs Reporting</b>	8	8	8



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>0.17</b>	0.21	0.38	<b>0.28</b>	0.24	0.12	<b>0.19</b>	0.96	0.45
<b>8YWAN8</b>	<b>0.09</b>	-0.21	0.08	<b>0.05</b>	-0.30	0.17	<b>0.01</b>	0.25	0.10
<b>DZ6Q37</b>	<b>-0.12</b>	-1.30	0.54	<b>0.08</b>	-0.24	0.35	<b>-0.11</b>	-0.25	0.28
<b>N4RMJU</b>	<b>0.02</b>	-0.58	0.10	<b>-0.33</b>	-1.24	0.24	<b>-0.31</b>	-1.07	1.38
<b>RQB4DV</b>	<b>0.43</b>	1.51	0.06	<b>0.52</b>	0.85	0.15	<b>0.25</b>	1.22	0.06
<b>UJY2Y6</b>	<b>0.18</b>	0.23	2.35	<b>0.65</b>	1.17	2.40	<b>-0.12</b>	-0.30	1.95

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

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.13	0.18	-0.048
<b>Median Abs Dev</b>	0.08	0.24	0.155
<b>Avg Within Lab SD</b>	0.34	0.45	0.162
<b>Labs Included</b>	6	6	6
<b>Labs Reporting</b>	6	6	6



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>62PGXK</b>	<b>0.083</b>	1.224	0.495	<b>0.070</b>	1.328	0.310	<b>0.030</b>	0.958	1.193
<b>8HMNYQ</b>	<b>0.040</b>	-0.478	0.000	<b>0.020</b>	-1.194	0.000			
<b>8YWAN8</b>	<b>0.055</b>	0.124	0.025	<b>0.048</b>	0.219	0.000	<b>0.005</b>	-0.239	0.000
<b>AJP7AQ</b>	<b>0.009</b>	-1.715	0.212						
<b>CL9R26</b>	<b>0.055</b>	0.124	0.050	<b>0.044</b>	0.000	0.071	<b>0.008</b>	-0.112	0.300
<b>DZ6Q37</b>	<b>0.043</b>	-0.373	0.470	<b>0.037</b>	-0.319	0.293			
<b>M4WU6B</b>	<b>0.104</b>	2.024	3.236	<b>0.086</b>	2.116	3.248	<b>0.056</b>	2.184	1.470
<b>N4RMJU</b>	<b>0.050</b>	-0.085	0.000	<b>0.040</b>	-0.185	0.000			
<b>NJJU9F</b>	<b>0.054</b>	0.085	0.068	<b>0.046</b>	0.107	0.010			
<b>NVC7PZ</b>	<b>0.078</b>	1.027	0.922	<b>0.063</b>	0.992	0.473	<b>0.027</b>	0.798	1.822
<b>RQB4DV</b>	<b>0.034</b>	-0.712	0.113	<b>0.029</b>	-0.740	0.083	<b>0.010</b>	0.000	0.000
<b>UJY2Y6</b>	<b>0.049</b>	-0.121	0.387	<b>0.039</b>	-0.219	0.176	<b>0.001</b>	-0.431	0.057

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

Data units: mg/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.052	0.044	0.010
<b>Median Abs Dev</b>	0.011	0.006	0.009
<b>Avg Within Lab SD</b>	0.023	0.032	0.008
<b>Labs Included</b>	12	11	7
<b>Labs Reporting</b>	12	11	7



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>0.10</b>	-0.02	0.07	<b>0.44</b>	1.71	2.19	<b>0.13</b>	0.00	0.38
<b>CE7RKN</b>	<b>0.63</b>	2.05	0.09	<b>0.14</b>	0.00	0.01	<b>0.47</b>	1.71	0.18
<b>CL9R26</b>	<b>0.07</b>	-0.14	0.13	<b>0.01</b>	-0.73	0.00	<b>0.03</b>	-0.52	0.24
<b>M4WU6B</b>	<b>0.40</b>	1.16	2.23	<b>0.17</b>	0.19	0.45	<b>0.28</b>	0.76	2.18
<b>RQB4DV</b>	<b>0.10</b>	0.00	0.06	<b>0.01</b>	-0.75	0.01	<b>0.06</b>	-0.38	0.02

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

Data units: mg/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.10	0.14	0.13
<b>Median Abs Dev</b>	0.04	0.13	0.10
<b>Avg Within Lab SD</b>	0.09	0.22	0.08
<b>Labs Included</b>	5	5	5
<b>Labs Reporting</b>	5	5	5



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

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

Data units: mg/L

WebCode	SRW1704			SRW1705			SRW1706		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>8HMNYQ</b>	<b>0.097</b>	-0.067	0.491	<b>0.435</b>		1.728	<b>0.133</b>	2.192	1.988
<b>8YWAN8</b>	<b>0.099</b>	0.067	0.322	<b>0.012</b>		0.007	<b>0.079</b>	0.466	0.189
<b>AJP7AQ</b>	<b>0.047</b>	-2.587	1.323				<b>0.031</b>	-1.039	
<b>N4RMJU</b>	<b>0.107</b>	0.437	0.491				<b>0.063</b>	-0.018	0.357
<b>NJJU9F</b>	<b>0.103</b>	0.267	0.041				<b>0.064</b>	0.018	0.041
<b>UJY2Y6</b>	<b>0.086</b>	-0.621	1.914	<b>0.022</b>		0.114	<b>0.054</b>	-0.313	0.939

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

Data units: mg/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	0.10	0.022	0.064
<b>Median Abs Dev</b>	0.01		0.012
<b>Avg Within Lab SD</b>	0.01	0.282	0.016
<b>Labs Included</b>	6	3	6
<b>Labs Reporting</b>	6	3	6



## ALP Program - Participant Web Summary Report - Cycle 33 - Summer 2017

### Total Organic Carbon (SubTestCode 323) in the Other Property Groups

Data units: mg/L

SRW1704				SRW1705				SRW1706			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		

**8HMNYQ                      29.00**

### Total Organic Carbon (SubTestCode 323) in the Other Property Groups

Data units: mg/L

	SRW1704	SRW1705	SRW1706
<b>Grand Median</b>	29.0		
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.0	0.00	0.00
<b>Labs Included</b>	1	0	0
<b>Labs Reporting</b>	1	0	0