ALP Round 34
Fall 2017

ALP Program

Participant Web Summary Report

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

ALP Program - Fall 2017 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2017 (Cycle 34) was completed in November 2017, with participation by 104 labs from the United States, Canada, Guatemala, South Africa, Italy, Ukraine, Algeria, and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are base 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: SRS1711 a Sac silty clay loam collected from OBrien Cty, IA; SRS1712 a Linneus silt loam collected from Aroostok Cty, ME; SRS1713 a Spreckels loam collected from Sonoma Cty, CA; SRS1714 Typic Haploxeroll collected near Summerland, BC CANADA; and SRS1715 a Nacogdoches gravelly fine sand collected from Nacogdoches Cty, TX. Standard Reference Botanical (SRB) materials were: SRB1709 soybean leaf composite from AR; SRB1710 eucalyptus leaf composite from CA; SRB1711 citus leaves from CA and SRB1712 potato petiole from WA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1707 a well in CA, SRW1708 water source in CO, and SRW1709 a lake in NE.

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 relaible than large group statistics. No comparative results are provided for analyses with fewer than 4 reported results.

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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.

Arithmatic Mean $\bar{x} = \frac{1}{n} \cdot \sum_{i=1}^{n} x_i$

Standard Deviation $\sigma = \sqrt{\frac{1}{N} \sum_{i=1}^{N} (x_i - \overline{x})^2}$

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.

$$MAD = \mathrm{med}_i \left(|x_i - \mathrm{med}_j \left(x_j \right)| \right)$$

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

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Discussion of Statistics in ALP Reports

Performance Statistics:

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

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

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

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

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

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

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

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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

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

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

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.

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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**53.3**	1.9	0.7	**60.7**	2.1	1.8	**41.5**	1.3	0.6	**49.9**	2.2	1.3	**30.0**	1.1	0.2
3UZ3DA	**36.2**	-0.7	0.7	**44.2**	-0.4	0.5	**30.6**	-1.0	1.4	**37.1**	-0.9	1.8	**24.1**	-0.9	0.9
4G8ZB8	**40.0**	-0.1		**45.7**	-0.2	0.5	**32.7**	-0.6	0.6	**40.3**	-0.1	0.7	**26.3**	-0.2	0.4
632WAQ	**37.4**	-0.5	0.2	**43.7**	-0.5	0.4	**30.6**	-1.0	0.1	**38.2**	-0.6	0.6	**24.3**	-0.8	0.1
7VEVHY	**47.3**	1.0	4.0	**67.1**	3.1X	5.0	**51.7**	3.4X	9.4	**55.8**	3.6X	11.3	**42.0**	5.2X	4.1
8MZAAV	**41.3**	0.1	0.3	**47.0**	0.0		**35.7**	0.1	0.6	**42.7**	0.5	0.7	**29.3**	0.9	0.4
97CDBD	**49.0**	1.3		**56.0**	1.4		**38.0**	0.6		**47.0**	1.5		**27.0**	0.1	
AVLC43	**49.0**	1.3	0.7	**56.0**	1.4	0.4	**40.2**	1.0	1.7	**44.6**	0.9	1.6	**26.2**	-0.2	0.9
BZXGJ9	**43.1**	0.4	0.0	**49.0**	0.3	0.0	**35.9**	0.1	0.0	**40.7**	0.0	0.0	**24.7**	-0.7	0.0
CAZ2GV	**36.3**	-0.7	0.3	**44.3**	-0.4	0.5	**33.3**	-0.4	0.6	**40.0**	-0.2	1.2	**26.7**	-0.1	0.4
DNU9NV	**35.6**	-0.8	0.2	**44.0**	-0.5	0.8	**31.1**	-0.9	0.2	**38.4**	-0.6	0.7	**28.5**	0.6	3.9
FJX2KD	**46.3**	0.9	0.0	**54.7**	1.2	0.0	**37.6**	0.5	0.0	**43.4**	0.6	0.0	**26.3**	-0.2	0.0
GMU4P6	**47.6**	1.0	0.1	**53.6**	1.0	0.6	**35.6**	0.1	1.3	**43.1**	0.6	1.3	**27.1**	0.1	0.1
HMNAJ4	**40.0**	-0.1		**45.3**	-0.3	0.6	**32.0**	-0.7	0.8	**38.0**	-0.7	0.8	**25.3**	-0.5	0.0
JBLB7N	**37.2**	-0.5	0.4	**41.8**	-0.8	0.9	**28.6**	-1.4	1.1	**37.3**	-0.8	1.5	**34.1**	2.5	0.7
LXCCD8	**49.7**	1.4	0.9	**46.3**	-0.1	1.3	**34.0**	-0.3	1.9	**41.0**	0.1	1.2	**27.3**	0.2	0.4
NYXZNY	**39.7**	-0.1		**48.1**	0.2		**44.1**	1.8		**40.8**	0.0		**31.2**	1.5	
U8A62Q	**37.8**	-0.4	0.1	**45.7**	-0.2	0.4	**32.3**	-0.6	0.2	**40.6**	0.0	0.6	**25.8**	-0.3	0.2
UR2WJB	**35.4**	-0.8	0.6	**39.9**	-1.1	2.9	**29.9**	-1.1	2.0	**34.6**	-1.5	1.1	**22.3**	-1.5	0.4
WWJ4UF	**40.7**	0.0	0.3	**51.7**	0.7	0.5	**35.0**	-0.1	1.1	**43.3**	0.6	0.7	**30.0**	1.1	
X9XFPP	**39.3**	-0.2	0.3	**47.0**	0.0		**36.0**	0.1		**44.3**	0.9	0.7	**28.7**	0.6	0.4
XEYU96	**41.6**	0.1	0.2	**49.4**	0.4	0.4	**37.3**	0.4	0.2	**39.8**	-0.2	0.8	**26.3**	-0.2	0.4
YRJQQE	**49.3**	1.3	0.2	**56.9**	1.5	0.8	**39.0**	0.8	0.2	**46.7**	1.4	0.7	**28.5**	0.6	0.2

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	40.7	47.0	35.3	40.8	26.8
Median Abs Dev	4.3	2.9	2.8	2.6	1.7
Avg Within Lab SD	2.3	1.2	0.9	0.8	1.5
Labs Included	23	22	22	22	22
Labs Reporting	23	23	23	23	23

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pH - sp (SubTestCode 102) in the Salinity Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**7.52**	0.48	0.17	**7.32**	0.51	0.81	**6.31**	0.73	0.51	**6.92**	0.57	0.35	**5.03**	0.08	0.42
3UZ3DA	**7.44**	-0.02	1.19	**7.05**	-0.72	2.05	**6.05**	-0.23	0.71	**6.78**	-0.07	0.91	**4.83**	-1.06	2.02
4G8ZB8	**7.27**	-1.03	0.48	**6.96**	-1.12	1.73	**6.25**	0.49	1.78	**6.59**	-0.90	0.71	**5.03**	0.12	1.41
7VEVHY	**7.52**	0.52	2.62	**7.44**	1.03	0.36	**6.07**	-0.17	0.25	**6.89**	0.43	0.64	**5.03**	0.08	0.42
8MZAAV	**7.37**	-0.45	0.70	**7.21**	0.00	0.59	**6.06**	-0.21	0.38	**6.67**	-0.55	0.64	**4.96**	-0.33	0.12
97CDBD	**7.53**	0.56		**7.46**	1.14		**6.25**	0.49		**6.92**	0.57		**5.11**	0.57	
AVLC43	**7.40**	-0.24	1.49	**7.07**	-0.63	1.35	**6.20**	0.31	0.00	**6.60**	-0.87	1.77	**4.73**	-1.65	1.16
BZXGJ9	**7.17**	-1.69	0.86	**6.90**	-1.38	0.00	**5.93**	-0.68	0.84	**6.53**	-1.17	2.04	**4.60**	-2.43	0.00
CAZ2GV	**7.18**	-1.58	2.17	**6.81**	-1.78	2.03	**5.90**	-0.82	3.26	**6.46**	-1.48	2.12	**4.82**	-1.14	2.75
DNU9NV	**7.46**	0.13	0.39	**7.12**	-0.37	0.72	**5.85**	-1.00	0.44	**6.73**	-0.27	0.54	**4.84**	-1.00	0.70
FJX2KD	**6.73**	-4.38X	0.00	**7.03**	-0.79	0.00	**5.65**	-1.73	0.00	**6.34**	-2.04	0.00	**4.70**	-1.85	0.00
GMU4P6	**7.54**	0.60	0.37	**7.26**	0.25	0.49	**6.18**	0.25	0.36	**6.89**	0.42	0.37	**4.99**	-0.14	0.72
HMNAJ4	**7.46**	0.10	0.23	**7.36**	0.67	0.27	**6.02**	-0.36	1.26	**6.96**	0.75	0.35	**5.15**	0.82	0.50
JBLB7N	**7.77**	2.06	0.99	**7.40**	0.85	0.95	**6.60**	1.78	0.36	**7.04**	1.12	1.77	**5.14**	0.75	1.12
LCWXX2	**7.44**	0.00	0.10	**7.46**	1.16	0.11	**6.27**	0.58	0.04	**6.94**	0.68	0.02	**5.06**	0.28	0.05
LXCCD8	**7.57**	0.78	0.87	**7.34**	0.58	0.98	**6.53**	1.53	0.81	**6.71**	-0.39	0.44	**5.07**	0.33	1.06
NYXZNY	**7.30**	-0.86		**7.00**	-0.93		**5.90**	-0.80		**6.50**	-1.32		**4.90**	-0.67	
PKWW77	**7.39**	-0.29	0.82	**7.31**	0.45	0.82	**6.28**	0.62	1.31	**6.89**	0.45	0.83	**5.11**	0.55	0.70
U8A62Q	**7.41**	-0.20	0.31	**7.27**	0.27	0.27	**6.30**	0.68	0.14	**6.82**	0.10	0.44	**5.10**	0.53	0.64
UR2WJB	**7.44**	0.00	0.15	**7.18**	-0.12	1.02	**6.12**	0.00	0.08	**6.79**	0.00	0.54	**4.95**	-0.39	0.31
WWJ4UF	**7.61**	1.07	0.46	**7.20**	-0.03	1.31	**6.07**	-0.17	0.38	**6.81**	0.06	0.44	**5.13**	0.69	0.92
X9XFPP	**7.37**	-0.43	0.39	**7.18**	-0.12	0.70	**6.08**	-0.12	0.96	**6.73**	-0.28	1.27	**5.01**	0.00	0.31
XEYU96	**7.72**	1.75	0.09	**7.34**	0.61	0.14	**6.59**	1.75	0.00	**7.02**	1.00	0.27	**5.00**	-0.06	0.31

pH - sp (SubTestCode 102) in the Salinity Property Groups **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.44	7.21	6.12	6.79	5.01
Median Abs Dev	0.08	0.14	0.16	0.13	0.09
Avg Within Lab SD	0.07	0.04	0.07	0.06	0.05
Labs Included	22	23	23	23	23
Labs Reporting	23	23	23	23	23

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ECe - sp (SubTestCode 103) in the Salinity Property Groups **Data units: dS/m**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**0.91**	0.88	1.38	**1.48**	-0.14	0.27	**0.56**	-0.69	0.85	**2.27**	-0.22	0.25	**0.85**	0.17	0.45
3UZ3DA	**0.70**	-1.28	1.58	**1.46**	-0.28	1.00	**0.62**	-0.40	0.75	**2.34**	0.10	1.21	**0.86**	0.29	1.06
4G8ZB8	**0.83**	0.05	0.66	**1.44**	-0.43	0.70	**0.38**	-1.51	0.46	**2.34**	0.08	0.46	**0.84**	0.14	0.17
632WAQ	**0.83**	0.04	0.14	**1.56**	0.37	0.84	**0.96**	1.22	0.34	**2.49**	0.74	1.06	**0.93**	1.08	0.68
7VEVHY	**0.87**	0.53	1.70	**1.32**	-1.25	1.59	**0.74**	0.17	0.92	**2.25**	-0.32	0.73	**0.75**	-0.85	0.70
8MZAAV	**0.79**	-0.29	0.15	**1.55**	0.28	0.10	**0.69**	-0.03	0.17	**2.37**	0.22	0.43	**0.80**	-0.37	0.17
97CDBD	**0.84**	0.19		**1.50**	-0.03		**0.74**	0.19		**2.29**	-0.13		**0.83**	-0.01	
AVLC43	**0.58**	-2.50	0.60	**1.10**	-2.72	0.37	**0.28**	-2.02	0.92	**1.51**	-3.61	0.88	**0.65**	-1.98	0.80
BZXGJ9	**0.97**	1.48	0.80	**1.58**	0.48	1.06	**0.62**	-0.37	0.75	**2.41**	0.39	0.46	**0.85**	0.25	0.97
CAZ2GV	**0.87**	0.49	0.26	**1.62**	0.74	0.71	**0.71**	0.03	3.20	**2.47**	0.68	2.09	**0.88**	0.54	1.60
DNU9NV	**0.87**	0.47	2.31	**1.63**	0.84	3.26	**0.98**	1.32	0.76	**2.49**	0.77	0.14	**0.96**	1.38	2.72
FJX2KD	**1.20**	3.87X	0.00	**1.93**	2.83X	0.00	**0.91**	1.00	0.00	**3.25**	4.16X		**1.16**	3.61X	0.00
GMU4P6	**0.77**	-0.51	0.39	**1.52**	0.12	0.27	**0.71**	0.06	0.28	**2.29**	-0.11	2.28	**0.80**	-0.36	0.09
HMNAJ4	**0.86**	0.34	0.63	**1.52**	0.12	0.83	**0.90**	0.96	0.03	**2.51**	0.87	0.81	**0.93**	1.08	0.10
JBLB7N	**0.77**	-0.49	0.99	**1.51**	0.05	0.47	**0.38**	-1.53	1.11	**2.32**	-0.01	0.29	**0.65**	-1.94	2.12
LCWXX2	**0.70**	-1.22	0.06	**1.25**	-1.72	0.08	**0.48**	-1.04	0.05	**1.94**	-1.67	0.25	**0.75**	-0.85	0.46
LXCCD8	**0.82**	-0.04	0.18	**1.51**	0.03	0.47	**0.75**	0.26	0.74	**2.40**	0.34	0.29	**0.81**	-0.18	0.18
NYXZNY	**0.90**	0.80		**1.40**	-0.70		**0.70**	0.00		**2.30**	-0.08		**0.80**	-0.33	
PKWW77	**0.74**	-0.84	1.31	**1.43**	-0.50	1.67	**0.64**	-0.29	2.16	**2.34**	0.11	0.22	**0.85**	0.21	0.30
U8A62Q	**0.78**	-0.43	0.26	**1.44**	-0.41	0.27	**0.49**	-1.00	0.00	**2.24**	-0.35	0.25	**0.89**	0.65	0.80
UR2WJB	**0.64**	-1.82	1.98	**1.12**	-2.54	0.66	**0.55**	-0.72	0.30	**1.76**	-2.48	2.50	**0.70**	-1.47	0.76
WWJ4UF	**0.77**	-0.54	0.24	**1.28**	-1.52	0.04	**0.77**	0.33	0.91	**1.99**	-1.48	0.24	**0.76**	-0.75	0.68
X9XFPP	**0.86**	0.38	0.46	**1.58**	0.47	0.28	**0.80**	0.47	0.38	**2.32**	0.01	0.31	**0.83**	0.01	0.17
XEYU96	**0.83**	0.08	0.45	**1.56**	0.37	0.30	**0.48**	-1.05	0.00	**2.58**	1.17	0.51	**0.93**	1.05	1.26
YRJQQE	**0.77**	-0.49	0.31	**1.51**	0.06	0.37	**0.75**	0.21	0.82	**2.26**	-0.28	0.46	**0.81**	-0.25	0.14

ECe - sp (SubTestCode 103) in the Salinity Property Groups **Data units: dS/m**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.82	1.51	0.70	2.32	0.83
Median Abs Dev	0.05	0.06	0.10	0.07	0.04
Avg Within Lab SD	0.04	0.06	0.03	0.07	0.03
Labs Included	24	24	25	24	24
Labs Reporting	25	25	25	25	25

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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
4G8ZB8	**2.47**	1.03	1.65	**1.67**	0.56	1.96	**1.67**	0.13	2.02	**2.93**	1.41	1.98	**0.47**	0.81	1.95
632WAQ	**1.76**	-0.03	0.34	**1.37**	0.01	0.47	**1.54**	-0.12	0.91	**1.89**	0.16	0.98	**0.26**	-0.37	0.87
7VEVHY	**0.93**	-1.26	1.78	**0.54**	-1.56	0.04	**0.40**	-2.31	0.44	**0.58**	-1.40	0.82	**0.24**	-0.45	0.80
BZXGJ9	**1.80**	0.03	0.41	**0.90**	-0.89	1.19	**1.80**	0.39	0.68	**1.08**	-0.81	0.70	**0.28**	-0.25	1.27
CAZ2GV	**2.31**	0.80	0.46	**1.95**	1.09	1.36	**1.66**	0.12	1.29	**1.92**	0.20	1.11	**0.42**	0.57	0.00
JBLB7N	**1.22**	-0.83	1.03	**1.27**	-0.19	0.67	**1.07**	-1.03	0.77	**1.62**	-0.16	0.66	**0.07**	-1.46	0.00
UR2WJB	**2.35**	0.85	0.75	**1.95**	1.10	0.32	**1.92**	0.60	0.19	**2.28**	0.63	0.25	**0.54**	1.25	0.49
XEYU96	**1.40**	-0.56	0.00	**1.37**	-0.01	0.37	**1.23**	-0.70	0.38	**1.23**	-0.62	0.49	**0.37**	0.25	0.97

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.78	1.37	1.60	1.75	0.32
Median Abs Dev	0.55	0.39	0.26	0.53	0.09
Avg Within Lab SD	0.19	0.16	0.15	0.12	0.06
Labs Included	8	8	8	8	8
Labs Reporting	8	8	8	8	8

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K - sp (SubTestCode 105) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**0.88**	0.84	0.96	**0.33**	-0.13	0.59	**0.66**	-0.51	0.41	**2.28**	-0.51	0.36	**0.61**	-0.19	0.12
632WAQ	**0.80**	0.00	0.18	**0.36**	0.49	0.05	**0.92**	1.45	1.01	**2.69**	1.32	0.01	**0.68**	0.69	0.19
7VEVHY	**0.81**	0.11	0.76	**0.33**	0.00	2.82	**0.81**	0.62	1.59	**2.35**	-0.20	1.61	**0.61**	-0.19	3.80
8MZAAV	**0.83**	0.30	0.04	**0.38**	0.99	0.39	**0.83**	0.81	0.46	**2.61**	0.96	0.50	**0.68**	0.67	0.58
97CDBD	**0.76**	-0.36		**0.34**	0.13		**0.72**	0.00		**2.30**	-0.44		**0.61**	-0.16	
AVLC43	**0.63**	-1.67	0.41	**0.31**	-0.46	0.51	**0.43**	-2.22	0.47	**1.93**	-2.10	1.48	**0.54**	-0.90	0.51
BZXGJ9	**1.02**	2.25	0.62	**0.18**	-3.02	1.02	**0.68**	-0.31	0.78	**2.47**	0.32	0.06	**0.68**	0.64	0.40
CAZ2GV	**0.80**	0.04	1.28	**0.35**	0.42	0.68	**0.68**	-0.34	1.06	**2.57**	0.79	1.07	**0.65**	0.24	1.12
FJX2KD	**1.14**	3.48X	0.00	**0.45**	2.26	0.00	**1.05**	2.43	0.00	**3.45**	4.78X	0.00	**0.86**	2.68	0.00
GMU4P6	**0.68**	-1.13	0.09	**0.31**	-0.46	0.00	**0.68**	-0.36	0.16	**2.34**	-0.26	0.33	**0.57**	-0.64	0.23
HMNAJ4	**0.85**	0.54	0.31	**0.37**	0.79	1.18	**0.82**	0.75	0.41	**2.63**	1.04	1.50	**0.77**	1.64	0.00
LCWXX2	**0.87**	0.75	3.38	**2.75**	47.61X	109.73	**3.48**	20.84X	68.92	**2.33**	-0.29	2.06	**0.60**	-0.25	0.14
PKWW77	**0.75**	-0.43	0.54	**0.35**	0.33	2.05	**0.74**	0.10	2.98	**2.48**	0.38	1.34	**0.66**	0.45	0.51
U8A62Q	**0.73**	-0.63	0.39	**0.33**	-0.07	0.00	**0.65**	-0.56	0.27	**2.40**	0.00	0.26	**0.64**	0.15	0.12
WWJ4UF	**0.72**	-0.76	0.15	**0.32**	-0.33	0.30	**0.74**	0.10	0.31	**2.33**	-0.32	0.72	**0.57**	-0.60	0.00
X9XFPP	**0.69**	-1.04	0.16	**0.31**	-0.47	0.09	**0.68**	-0.32	0.08	**2.27**	-0.56	0.08	**0.56**	-0.73	0.08
XEYU96	**0.83**	0.34	0.27	**0.38**	0.85	0.30	**0.69**	-0.23	0.63	**2.81**	1.89	0.36	**0.73**	1.20	0.35
YRJQQE	**0.77**	-0.26	0.41	**0.32**	-0.26	0.00	**0.77**	0.37	0.68	**2.42**	0.09	0.74	**0.61**	-0.15	0.20

K - sp (SubTestCode 105) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.80	0.33	0.72	2.40	0.62
Median Abs Dev	0.05	0.02	0.05	0.10	0.06
Avg Within Lab SD	0.07	0.02	0.04	0.09	0.05
Labs Included	17	17	17	17	18
Labs Reporting	18	18	18	18	18

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Ca - sp (SubTestCode 106) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**6.0**	0.6	1.1	**9.8**	-0.2	1.3	**3.0**	-1.0	0.5	**11.9**	-0.5	0.9	**3.1**	-0.5	0.6
3UZ3DA	**5.4**	-0.1	1.1	**11.1**	0.6	0.2	**4.3**	0.0	0.4	**14.1**	0.6	0.3	**3.8**	0.9	0.8
4G8ZB8	**5.7**	0.2	0.6	**10.0**	-0.1	0.4	**2.6**	-1.3	0.0	**13.7**	0.4	0.3	**3.7**	0.6	1.5
632WAQ	**5.7**	0.3	0.0	**11.0**	0.6	0.1	**6.2**	1.5	1.0	**14.0**	0.6	1.1	**3.6**	0.6	0.5
7VEVHY	**5.0**	-0.5	1.1	**8.8**	-0.9	1.9	**4.3**	0.0	1.3	**12.0**	-0.4	1.3	**3.2**	-0.3	1.7
8MZAAV	**5.5**	0.0	0.1	**12.0**	1.2	0.8	**4.4**	0.1	0.4	**13.2**	0.2	0.6	**3.4**	0.2	0.8
97CDBD	**5.6**	0.1		**10.1**	0.0		**4.5**	0.2		**12.8**	0.0		**3.4**	0.0	
AVLC43	**4.0**	-1.6	0.5	**8.5**	-1.1	0.3	**1.6**	-2.0	0.3	**9.5**	-1.7	1.0	**2.7**	-1.3	0.9
BZXGJ9	**8.4**	3.1	1.0	**14.6**	2.9	1.9	**5.6**	1.1	1.1	**17.6**	2.3	0.3	**4.4**	2.0	2.2
CAZ2GV	**5.5**	0.0	2.3	**10.9**	0.5	0.9	**3.4**	-0.6	1.1	**13.6**	0.4	1.3	**3.6**	0.5	0.6
FJX2KD	**8.6**	3.3	0.0	**13.8**	2.4	0.0	**5.9**	1.3		**20.7**	3.9	0.0	**5.2**	3.4	0.0
GMU4P6	**4.8**	-0.7	0.1	**9.5**	-0.4	0.3	**4.1**	-0.1	0.1	**12.2**	-0.3	0.5	**3.1**	-0.4	0.3
HMNAJ4	**5.5**	0.0	0.3	**10.3**	0.1	0.6	**5.1**	0.7	0.4	**15.4**	1.2	1.7	**3.6**	0.5	0.1
JBLB7N	**5.6**	0.1	1.8	**11.6**	1.0	0.7	**2.5**	-1.3	1.2	**13.6**	0.4	0.2	**3.2**	-0.4	1.0
LCWXX2	**6.2**	0.8	1.9	**9.4**	-0.5	0.7	**3.8**	-0.4	0.6	**12.2**	-0.3	2.3	**3.2**	-0.3	1.6
N29KUM	**5.1**	-0.4		**10.4**	0.2		**5.1**	0.7		**12.8**	0.0		**3.4**	0.0	
PKWW77	**4.9**	-0.6	1.7	**9.8**	-0.2	2.4	**3.7**	-0.4	3.1	**13.0**	0.1	1.0	**3.3**	0.0	0.4
U8A62Q	**5.0**	-0.5	0.6	**9.6**	-0.3	0.3	**2.8**	-1.1	0.1	**12.3**	-0.3	0.1	**3.1**	-0.4	0.5
UR2WJB	**4.5**	-1.1	0.3	**8.6**	-1.0	0.3	**3.7**	-0.5	1.2	**11.3**	-0.7	0.6	**3.0**	-0.6	0.6
WWJ4UF	**4.9**	-0.5	0.5	**9.9**	-0.2	0.3	**4.4**	0.1	0.5	**12.4**	-0.2	1.9	**2.9**	-0.8	0.3
X9XFPP	**5.2**	-0.3	0.4	**10.8**	0.5	0.2	**4.4**	0.1	0.4	**12.7**	-0.1	0.3	**3.2**	-0.4	0.3
XEYU96	**5.5**	0.1	0.4	**11.3**	0.8	0.1	**3.0**	-1.0	0.3	**14.7**	0.9	0.5	**4.0**	1.2	1.8
YRJQQE	**5.0**	-0.5	0.1	**9.9**	-0.1	1.7	**4.3**	0.0	0.7	**12.9**	0.0	0.4	**3.2**	-0.3	0.3

Ca - sp (SubTestCode 106) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	5.47	10.1	4.26	12.9	3.34
Median Abs Dev	0.47	0.7	0.82	0.8	0.25
Avg Within Lab SD	0.27	0.4	0.18	0.5	0.14
Labs Included	23	23	23	23	23
Labs Reporting	23	23	23	23	23

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Mg - sp (SubTestCode 107) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**1.69**	1.31	1.63	**2.84**	-0.08	1.40	**0.93**	-0.66	1.47	**5.49**	-0.42	0.53	**1.83**	-0.01	1.16
3UZ3DA	**1.49**	0.49	0.15	**3.08**	0.55	0.06	**1.24**	0.23	2.42	**6.64**	0.89	0.18	**2.12**	0.97	0.39
4G8ZB8	**1.60**	0.95	1.48	**2.87**	0.00	0.60	**0.87**	-0.83	1.00	**6.10**	0.28	1.03	**1.97**	0.44	1.41
632WAQ	**1.33**	-0.19	0.12	**2.88**	0.03	0.34	**1.53**	1.02	0.96	**6.22**	0.42	0.64	**2.01**	0.58	0.13
7VEVHY	**1.39**	0.06	1.24	**2.52**	-0.91	2.56	**1.26**	0.27	1.44	**5.47**	-0.43	1.36	**1.79**	-0.17	1.24
8MZAAV	**1.45**	0.31	0.39	**3.12**	0.67	0.77	**1.26**	0.28	0.46	**5.88**	0.03	0.44	**1.99**	0.51	1.68
97CDBD	**1.42**	0.20		**3.03**	0.43		**1.31**	0.42		**5.84**	-0.02		**1.91**	0.25	
AVLC43	**1.15**	-0.91	2.15	**2.37**	-1.30	0.84	**0.52**	-1.80	0.62	**4.01**	-2.10	1.20	**1.46**	-1.27	1.52
BZXGJ9	**1.71**	1.41	1.56	**2.83**	-0.11	1.71	**1.23**	0.20	0.61	**6.35**	0.57	0.17	**2.13**	0.98	2.01
CAZ2GV	**1.36**	-0.03	1.93	**2.79**	-0.19	0.58	**0.94**	-0.62	0.73	**5.86**	0.00	0.91	**1.91**	0.24	1.46
FJX2KD	**2.23**	3.56	0.00	**3.78**	2.41	0.00	**1.61**	1.25	0.00	**8.79**	3.34	0.00	**2.74**	3.07	0.00
GMU4P6	**1.18**	-0.78	0.09	**2.72**	-0.39	0.06	**1.15**	-0.02	0.10	**5.76**	-0.11	0.35	**1.65**	-0.63	0.24
HMNAJ4	**1.61**	1.01	0.23	**3.07**	0.54	0.60	**1.78**	1.73	0.50	**6.69**	0.95	1.67	**2.20**	1.23	0.24
JBLB7N	**1.37**	0.00	0.26	**3.26**	1.04	0.91	**0.84**	-0.89	1.02	**6.58**	0.82	1.33	**1.66**	-0.58	0.91
LCWXX2	**1.37**	-0.02	0.51	**2.96**	0.23	1.53	**1.65**	1.37	0.18	**5.51**	-0.39	2.61	**1.65**	-0.63	0.08
N29KUM	**1.47**	0.41		**3.07**	0.53		**1.49**	0.92		**5.91**	0.06		**1.88**	0.15	
PKWW77	**1.20**	-0.70	1.28	**2.46**	-1.07	1.44	**1.00**	-0.44	2.16	**5.33**	-0.60	1.29	**1.78**	-0.18	0.39
U8A62Q	**1.19**	-0.74	0.62	**2.51**	-0.95	0.32	**0.72**	-1.24	0.17	**5.26**	-0.67	0.09	**1.73**	-0.36	0.32
UR2WJB	**1.20**	-0.70	0.69	**2.33**	-1.42	0.96	**1.04**	-0.33	0.80	**5.04**	-0.92	0.76	**1.67**	-0.57	0.63
WWJ4UF	**1.16**	-0.89	0.31	**2.54**	-0.86	0.52	**1.11**	-0.14	0.55	**5.37**	-0.56	0.14	**1.56**	-0.93	0.19
X9XFPP	**1.29**	-0.34	0.61	**2.75**	-0.31	0.08	**1.16**	0.00	0.45	**5.33**	-0.60	0.26	**1.69**	-0.48	0.26
XEYU96	**1.41**	0.15	0.45	**3.16**	0.78	0.53	**0.87**	-0.83	0.10	**6.65**	0.90	0.75	**2.21**	1.28	1.65
YRJQQE	**1.29**	-0.34	0.26	**3.14**	0.71	0.47	**1.18**	0.04	0.61	**6.23**	0.42	0.69	**1.84**	0.00	0.43

Mg - sp (SubTestCode 107) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.37	2.87	1.16	5.86	1.84
Median Abs Dev	0.12	0.21	0.22	0.49	0.17
Avg Within Lab SD	0.07	0.10	0.06	0.17	0.08
Labs Included	23	23	23	23	23
Labs Reporting	23	23	23	23	23

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Na - sp (SubTestCode 108) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH							**0.42**	-0.53	0.27	**0.58**	-0.69	0.27	**0.51**	-0.57	0.36
3UZ3DA	**0.13**	-0.39	0.33	**0.18**	-0.51	0.18	**0.56**	0.40	0.55	**0.71**	0.29	0.28	**0.59**	0.15	0.30
4G8ZB8	**0.27**	1.11	0.76	**0.23**	0.23	0.40	**0.40**	-0.68	0.00	**0.60**	-0.52	0.00	**0.57**	-0.03	0.82
632WAQ	**0.12**	-0.45	0.22	**0.20**	-0.30	0.19	**0.60**	0.64	0.32	**0.82**	1.08	1.43	**0.65**	0.72	0.15
7VEVHY	**0.16**	0.00	2.80	**0.22**	0.09	0.77	**0.62**	0.78	0.38	**0.78**	0.81	3.61	**0.71**	1.29	1.71
8MZAAV	**0.09**	-0.75	0.10	**0.51**	4.03	3.98	**0.51**	0.07	0.06	**0.67**	-0.02	0.22	**0.56**	-0.13	0.36
97CDBD				**0.23**	0.13		**0.50**	-0.05		**0.65**	-0.14		**0.55**	-0.16	
AVLC43	**0.16**	-0.04	0.57	**0.22**	0.00	0.20	**0.40**	-0.68	0.17	**0.56**	-0.81	0.30	**0.52**	-0.48	0.54
BZXGJ9	**0.23**	0.75	0.38	**0.21**	-0.05	0.08	**0.51**	0.05	0.45	**0.71**	0.26	0.73	**0.58**	0.12	0.64
CAZ2GV	**0.11**	-0.61	0.33	**0.18**	-0.49	0.16	**0.47**	-0.22	0.48	**0.65**	-0.14	0.30	**0.65**	0.75	0.56
FJX2KD	**0.37**	2.24	0.00	**0.39**	2.35	0.00	**0.94**	2.89	0.00	**1.37**	5.06	0.00	**0.92**	3.12	0.00
GMU4P6				**0.28**	0.93	0.04	**0.56**	0.40	0.05	**0.67**	0.01	0.10	**0.50**	-0.62	0.14
HMNAJ4							**0.55**	0.33	0.13	**0.71**	0.30	0.57	**0.61**	0.36	0.25
JBLB7N	**0.18**	0.18	0.68	**0.20**	-0.24	0.06	**0.43**	-0.48	0.41	**0.73**	0.40	0.17	**0.42**	-1.30	0.31
LCWXX2	**0.17**	0.06	0.08	**0.23**	0.25	0.06	**0.45**	-0.37	0.20	**0.61**	-0.42	0.72	**0.57**	0.03	0.37
N29KUM	**0.31**	1.57		**0.22**	0.05		**0.71**	1.38		**0.67**	-0.01		**0.58**	0.09	
PKWW77	**8.71**	91.63X	3.89	**10.70**	145.68X	7.07	**13.26**	84.73X	10.67	**17.69**	123.34X	12.22	**4.71**	37.28X	5.48
U8A62Q	**0.06**	-1.11	0.00	**0.11**	-1.44	0.04	**0.38**	-0.84	0.05	**0.58**	-0.69	0.10	**0.49**	-0.68	0.08
UR2WJB	**0.19**	0.29	2.27	**0.17**	-0.60	0.52	**0.40**	-0.66	0.20	**0.52**	-1.10	0.00	**0.46**	-0.95	0.41
WWJ4UF	**0.25**	0.89	0.92	**0.22**	0.09	0.08	**0.92**	2.79	4.26	**0.84**	1.25	1.66	**0.75**	1.65	3.78
X9XFPP	**0.15**	-0.10	0.58	**0.21**	-0.10	0.10	**0.52**	0.09	0.66	**0.67**	0.01	0.49	**0.51**	-0.57	0.04
XEYU96	**0.08**	-0.93	0.15	**0.15**	-0.93	0.00	**0.44**	-0.42	0.09	**0.76**	0.67	0.27	**0.65**	0.69	0.50
YRJQQE							**0.49**	-0.09	0.17	**0.65**	-0.18	0.20	**0.53**	-0.36	0.14

Na - sp (SubTestCode 108) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.16	0.22	0.50	0.67	0.57
Median Abs Dev	0.06	0.02	0.07	0.06	0.06
Avg Within Lab SD	0.08	0.14	0.11	0.06	0.07
Labs Included	17	19	22	22	22
Labs Reporting	18	20	23	23	23

SAR - sp (SubTestCode 109) in the Salinity Property Groups — **Data units: value**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH							**0.303**	-0.072	0.194	**0.197**	-0.672	0.256	**0.323**	-0.421	0.301
4G8ZB8	**0.167**	1.414	1.430	**0.100**	0.541	0.000	**0.300**	-0.121	0.000	**0.200**	-0.576	0.000	**0.333**	-0.263	1.139
632WAQ	**0.065**	-0.700	0.222	**0.074**	-0.517	0.716	**0.305**	-0.054	0.181	**0.258**	1.099	1.316	**0.387**	0.581	0.180
7VEVHY	**0.090**	-0.179	2.882	**0.095**	0.337	3.438	**0.372**	0.924	0.392	**0.265**	1.309	3.186	**0.452**	1.609	1.221
8MZAAV	**0.050**	-1.009	0.000	**0.060**	-1.083	0.000	**0.307**	-0.024	0.073	**0.217**	-0.096	0.256	**0.340**	-0.158	0.197
97CDBD							**0.290**	-0.266		**0.220**	0.000		**0.340**	-0.158	
AVLC43	**0.100**	0.030	0.655	**0.097**	0.406	0.798	**0.383**	1.087	0.264	**0.220**	0.000	0.000	**0.360**	0.158	0.522
BZXGJ9	**0.103**	0.099	0.286	**0.070**	-0.677	0.000	**0.277**	-0.459	0.366	**0.203**	-0.480	0.513	**0.327**	-0.368	0.301
CAZ2GV	**0.057**	-0.870	0.378	**0.070**	-0.677	0.691	**0.330**	0.314	0.888	**0.210**	-0.288	0.000	**0.393**	0.684	0.301
FJX2KD	**0.160**	1.276	0.000	**0.130**	1.759	0.000	**0.485**	2.560	0.000	**0.356**	3.915	0.000	**0.461**	1.752	0.000
GMU4P6				**0.113**	1.083	0.399	**0.350**	0.604	0.000	**0.223**	0.096	0.256	**0.323**	-0.421	0.114
HMNAJ4							**0.300**	-0.121	0.000	**0.213**	-0.192	0.256	**0.360**	0.158	0.197
JBLB7N	**0.097**	-0.030	0.784	**0.073**	-0.549	0.263	**0.332**	0.343	0.514	**0.229**	0.252	0.201	**0.274**	-1.202	0.256
N29KUM	**0.170**	1.483		**0.100**	0.541		**0.390**	1.183		**0.220**	0.000		**0.360**	0.158	
U8A62Q	**0.100**	0.030	0.000	**0.100**	0.541	0.000	**0.283**	-0.362	0.073	**0.197**	-0.672	0.256	**0.320**	-0.473	0.000
WWJ4UF	**0.140**	0.860	0.991	**0.087**	0.000	0.399	**0.550**	3.502	3.769	**0.283**	1.823	1.850	**0.503**	2.420	3.531
X9XFPP	**0.083**	-0.316	0.572	**0.083**	-0.135	0.399	**0.310**	0.024	0.553	**0.223**	0.096	0.256	**0.327**	-0.368	0.114
XEYU96	**0.043**	-1.147	0.143	**0.055**	-1.272	0.040	**0.300**	-0.121	0.000	**0.200**	-0.576	0.000	**0.400**	0.789	0.000

SAR - sp (SubTestCode 109) in the Salinity Property Groups — **Data units: value**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.10	0.087	0.31	0.22	0.35
Median Abs Dev	0.04	0.013	0.02	0.01	0.03
Avg Within Lab SD	0.04	0.014	0.08	0.02	0.05
Labs Included	14	15	18	18	18
Labs Reporting	14	15	18	18	18

Cl - sp (SubTestCode 110) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH							**0.64**	0.24	1.74						
3UZ3DA	**0.21**	0.33	0.38	**0.32**	0.00	0.88	**0.54**	-0.46	1.13	**0.40**	-0.27	0.78	**0.37**	-0.43	0.75
4G8ZB8	**0.20**	0.24	0.66	**0.36**	0.28	1.32	**0.67**	0.40	1.78	**0.45**	0.10	0.22	**0.48**	0.32	0.57
632WAQ	**0.14**	-0.16	0.23	**0.29**	-0.30	0.38	**0.55**	-0.39	0.55	**0.43**	-0.04	1.58	**0.38**	-0.35	0.46
7VEVHY	**0.61**	2.86	3.63	**0.57**	2.05	2.19	**0.85**	1.71	2.20	**0.73**	2.15	1.81	**0.67**	1.61	3.15
8MZAAV	**0.11**	-0.31	0.30	**0.32**	-0.06	1.37	**0.55**	-0.44	0.42	**0.46**	0.16	1.59	**0.34**	-0.63	0.05
97CDBD	**0.15**	-0.07		**0.40**	0.61		**0.76**	1.02		**0.52**	0.62		**0.45**	0.12	
BZXGJ9	**0.23**	0.45	0.74	**0.40**	0.62	0.71	**0.82**	1.47	0.87	**0.54**	0.80	0.44	**0.42**	-0.11	1.27
CAZ2GV	**0.11**	-0.32	0.27	**0.31**	-0.12	1.18	**0.56**	-0.34	0.60	**0.36**	-0.51	0.16	**0.43**	0.00	1.09
GMU4P6	**0.15**	-0.09	0.06	**0.28**	-0.37	0.00	**0.61**	0.00	0.33	**0.39**	-0.32	0.19	**0.36**	-0.52	0.39
HMNAJ4	**0.81**	4.09	0.32	**0.62**	2.52		**0.72**	0.80	0.23	**0.73**	2.16		**0.82**	2.63	0.00
JBLB7N	**0.29**	0.82	1.68	**0.32**	0.00	0.55	**0.55**	-0.44	0.59	**0.44**	0.04	0.92	**0.33**	-0.68	1.35
LCWXX2	**0.18**	0.12	0.36	**0.38**	0.45	0.82	**0.48**	-0.88	0.90	**0.42**	-0.07	0.71	**0.44**	0.07	1.07
LXCCD8	**0.13**	-0.23	0.26	**0.28**	-0.38	0.70	**0.57**	-0.29	0.49	**0.40**	-0.27	0.58	**0.34**	-0.65	0.43
MBDBYJ	**0.17**	0.05	0.33	**0.35**	0.22	1.31	**0.68**	0.52	0.78	**0.41**	-0.16	1.15	**0.49**	0.36	0.62
NYXZNY	**0.65**	3.08		**0.65**	2.77		**0.75**	0.98		**0.80**	2.67		**0.70**	1.81	
PKWW77	**0.15**	-0.05	0.28	**0.32**	-0.03	1.07	**0.58**	-0.23	0.90	**0.43**	0.00	0.95	**0.44**	0.07	0.59
U8A62Q	**0.14**	-0.13	0.32	**0.32**	-0.03	0.62	**0.63**	0.15	0.00	**0.41**	-0.15	0.39	**0.44**	0.02	0.82
UR2WJB	**0.09**	-0.47	0.84	**0.12**	-1.73	0.40	**0.22**	-2.73	0.57	**0.32**	-0.82	0.33	**0.14**	-1.97	0.16
WWJ4UF	**0.16**	-0.03	0.11	**0.38**	0.51	1.19	**0.58**	-0.18	1.32	**0.60**	1.21	1.96	**0.36**	-0.50	0.49
X9XFPP	**0.16**	0.00	0.51	**0.29**	-0.29	0.04	**0.60**	-0.08	0.80	**0.36**	-0.52	0.29	**0.38**	-0.34	0.08
XEYU96	**0.20**	0.26	0.28	**0.42**	0.82	0.70	**0.79**	1.24	0.23	**0.59**	1.14	0.82	**0.58**	0.98	0.43
YRJQQE							**0.69**	0.54	1.17						

Cl - sp (SubTestCode 110) in the Salinity Property Groups **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.16	0.32	0.61	0.43	0.43
Median Abs Dev	0.04	0.04	0.06	0.04	0.06
Avg Within Lab SD	0.05	0.04	0.05	0.05	0.04
Labs Included	21	21	23	21	21
Labs Reporting	21	21	23	21	21

SO4 - sp (SubTestCode 111) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**0.56**	-0.26	0.63	**0.52**	-1.29	0.85	**0.69**	-1.39	1.72	**0.79**	-1.39	0.61	**0.29**	0.00	1.44
3UZ3DA	**0.68**	1.51	0.67	**0.75**	2.10	1.02	**0.91**	0.51	0.25	**1.17**	1.11	0.76	**0.30**	0.17	0.80
4G8ZB8	**0.58**	-0.02	0.57	**0.61**	0.05	0.80	**0.97**	1.07	0.50	**0.98**	-0.16	0.53	**0.31**	0.34	1.20
632WAQ	**0.65**	0.99	0.11	**0.65**	0.64	0.02	**0.99**	1.22	0.61	**1.09**	0.57	0.05	**0.29**	0.08	0.02
7VEVHY	**0.93**	5.12X	1.24	**0.91**	4.42X	6.38	**0.88**	0.26	1.45	**1.54**	3.52X	8.38	**0.51**	3.70X	6.35
8MZAAV	**0.64**	0.84	0.51	**0.64**	0.42	0.24	**0.91**	0.51	0.58	**1.18**	1.15	2.68	**0.33**	0.60	0.48
97CDBD	**0.52**	-0.80					**0.80**	-0.45		**0.98**	-0.17		**0.26**	-0.50	
BZXGJ9	**0.95**	5.41X	1.96	**0.64**	0.50	0.74	**1.38**	4.61X	0.24	**1.07**	0.43	0.70	**0.31**	0.34	0.80
CAZ2GV	**0.63**	0.76	1.27	**0.61**	0.05	0.21	**0.85**	0.01	0.29	**1.00**	0.00	0.88	**0.39**	1.71	1.16
GMU4P6	**0.58**	0.02	0.18	**0.60**	-0.15	0.36	**0.85**	-0.03	0.50	**0.90**	-0.67	0.31	**0.20**	-1.51	0.40
HMNAJ4	**0.57**	-0.12	0.18	**0.58**	-0.40	0.53	**0.85**	0.00	0.24	**1.07**	0.43	0.92	**0.28**	-0.17	0.69
JBLB7N	**0.64**	0.84	1.01	**0.67**	0.88	0.80	**1.00**	1.29	0.76	**1.09**	0.54	1.40	**0.27**	-0.35	1.10
MBDBYJ	**0.59**	0.20	1.02	**0.56**	-0.70	0.37	**0.75**	-0.89	1.32	**0.86**	-0.98	0.93	**0.34**	0.88	2.07
PKWW77	**0.54**	-0.50	0.37	**0.67**	0.84	1.37	**0.81**	-0.38	2.72	**1.06**	0.36	1.40	**0.29**	0.06	1.01
U8A62Q	**0.45**	-1.85	0.18	**0.48**	-1.94	0.21	**0.67**	-1.57	0.24	**0.74**	-1.72	0.95	**0.18**	-1.79	0.23
UR2WJB	**0.62**	0.55	3.25	**0.57**	-0.60	3.30	**0.72**	-1.16	0.28	**0.84**	-1.10	0.46	**0.21**	-1.34	0.00
WWJ4UF	**0.68**	1.47	0.63	**0.64**	0.45	0.42	**0.87**	0.15	0.99	**1.06**	0.34	1.18	**0.34**	0.90	1.40
X9XFPP	**0.57**	-0.19	0.40	**0.59**	-0.29	0.12	**0.73**	-1.08	0.68	**0.78**	-1.48	0.26	**0.25**	-0.63	0.59
XEYU96	**0.57**	-0.17	0.27	**0.56**	-0.79	0.12	**0.87**	0.17	0.41	**0.97**	-0.21	0.12	**0.23**	-1.01	0.40
YRJQQE	**0.51**	-1.03	0.67	**0.61**	-0.05	0.85	**0.77**	-0.67	0.28	**1.01**	0.01	0.12	**0.26**	-0.45	1.40

SO4 - sp (SubTestCode 111) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.58	0.61	0.85	1.00	0.29
Median Abs Dev	0.05	0.04	0.06	0.08	0.03
Avg Within Lab SD	0.06	0.05	0.04	0.05	0.03
Labs Included	18	18	19	19	19
Labs Reporting	20	19	20	20	20

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NO3 - sp (SubTestCode 112) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**5.0**	0.0	2.0	**9.8**	-1.0	0.1	**0.3**	-1.8	0.2	**18.3**	0.0	0.1	**6.4**	0.1	0.5
632WAQ	**4.8**	-0.2	0.2	**11.7**	0.1	0.4	**5.5**	1.0	0.9	**18.5**	0.0	0.1	**6.3**	0.0	0.3
7VEVHY	**4.7**	-0.4	1.7	**9.1**	-1.4	2.4	**4.0**	0.2	1.8	**15.0**	-0.7	0.8	**4.8**	-0.8	1.5
8MZAAV	**5.7**	0.9	0.2	**13.6**	1.3	0.2	**3.6**	0.0	0.3	**12.0**	-1.4	0.2	**13.8**	4.1	0.1
97CDBD	**5.2**	0.3		**10.5**	-0.6		**2.9**	-0.4		**17.3**	-0.2		**6.2**	0.0	
BZXGJ9	**2.4**	-3.3	1.8	**13.8**	1.4	1.4	**1.0**	-1.4	0.1	**2.2**	-3.4	0.5	**2.7**	-1.9	2.8
CAZ2GV	**5.0**	0.1	0.7	**11.1**	-0.2	0.3	**2.1**	-0.8	1.5	**18.5**	0.0	0.3	**6.1**	-0.1	0.4
GMU4P6	**4.9**	-0.1	0.2	**11.3**	-0.1	0.3	**4.0**	0.2	0.3	**21.8**	0.7	0.0	**5.9**	-0.2	0.3
HMNAJ4	**4.5**	-0.6	0.1	**11.7**	0.1	0.4	**3.6**	0.0	0.1	**21.6**	0.7	0.3	**6.5**	0.1	0.0
LCWXX2	**5.0**	0.0	1.0	**11.1**	-0.2	0.8	**3.3**	-0.2	0.3	**21.3**	0.6	0.5	**6.9**	0.3	0.9
U8A62Q	**4.1**	-1.1	0.2	**9.5**	-1.2	0.4	**0.1**	-1.9	0.1	**17.1**	-0.3	0.4	**6.2**	0.0	0.4
UR2WJB	**5.9**	1.1	0.9	**12.8**	0.8	0.6	**4.5**	0.5	1.9	**16.9**	-0.3	0.3	**9.0**	1.5	1.2
WWJ4UF	**5.4**	0.5	0.5	**12.2**	0.4	1.8	**5.0**	0.7	1.5	**23.1**	1.0	3.4	**6.0**	-0.1	0.2
X9XFPP	**5.6**	0.8	0.5	**12.4**	0.6	0.6	**4.5**	0.5	0.3	**18.8**	0.1	0.1	**6.4**	0.1	0.2

NO3 - sp (SubTestCode 112) in the Salinity Property Groups — **Data units: mmolc/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	4.98	11.5	3.61	18.4	6.27
Median Abs Dev	0.34	1.0	0.89	2.2	0.26
Avg Within Lab SD	0.21	0.6	0.24	1.9	0.32
Labs Included	14	14	14	14	14
Labs Reporting	14	14	14	14	14

B - sp (SubTestCode 113) in the Salinity Property Groups **Data units: mg/L**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH							**0.320**	0.557	2.202						
3UZ3DA	**0.054**	-0.060	0.181	**0.044**	-0.409	0.147	**0.253**	-0.535	1.080	**0.130**	-0.844	1.331	**0.067**	-0.060	0.773
4G8ZB8	**0.107**	1.206	0.197	**0.073**	0.910	0.160	**0.337**	0.830	1.199	**0.193**	0.515	1.536	**0.107**	1.360	0.405
632WAQ	**0.054**	-0.072	0.222	**0.050**	-0.162	0.125	**0.286**	0.000	0.934	**0.151**	-0.404	0.998	**0.077**	0.289	0.701
7VEVHY	**0.077**	0.485	0.711	**0.057**	0.160	0.424	**0.247**	-0.645	0.793	**0.143**	-0.558	0.768	**0.077**	0.277	0.405
BZXGJ9	**0.093**	0.885	0.522	**0.063**	0.460	0.424	**0.413**	2.087	0.300	**0.180**	0.229	0.000	**0.107**	1.360	0.405
CAZ2GV	**0.048**	-0.214	0.016	**0.050**	-0.160	0.130	**0.299**	0.206	0.044	**0.186**	0.360	1.397	**0.075**	0.224	0.248
GMU4P6							**0.260**	-0.426							
LCWXX2	**0.163**	2.557	3.071	**0.091**	1.720	3.227	**0.269**	-0.279	1.466	**0.234**	1.385	1.296	**0.066**	-0.115	3.129
NYXZNY	**0.130**	1.766		**0.110**	2.559		**0.410**	2.032		**0.270**	2.159		**0.130**	2.202	
PKWW77	**0.043**	-0.316	0.197	**0.043**	-0.439	0.160	**0.233**	-0.863	1.080	**0.147**	-0.486	0.768	**0.067**	-0.084	0.405
UR2WJB	**0.053**	-0.076	0.789	**0.047**	-0.289	0.321	**0.240**	-0.754	0.519	**0.133**	-0.772	0.768	**0.057**	-0.445	0.405
WWJ4UF							**0.254**	-0.521	0.549	**0.121**	-1.043	1.046	**0.013**	-2.027	0.005
X9XFPP	**0.059**	0.060	0.068	**0.058**	0.235	0.143	**0.295**	0.153	0.256	**0.169**	0.000	0.615	**0.069**	0.000	0.491
XEYU96	**0.040**	-0.397	0.000	**0.040**	-0.589	0.000	**0.300**	0.229	0.000	**0.170**	0.014	0.000	**0.060**	-0.325	0.000

B - sp (SubTestCode 113) in the Salinity Property Groups **Data units: mg/L**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.057	0.053	0.29	0.17	0.069
Median Abs Dev	0.015	0.009	0.03	0.02	0.008
Avg Within Lab SD	0.029	0.036	0.02	0.01	0.014
Labs Included	12	12	15	13	13
Labs Reporting	12	12	15	13	13

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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups **Data units: dS/m**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**0.47**	0.41	2.81	**0.36**	-0.66	1.33	**0.16**	-0.46	0.54	**0.60**	-0.23	1.01	**0.14**	-0.93	2.09
667R8V	**0.43**	0.04	0.35	**0.34**	-0.81	0.56	**0.14**	-0.83	0.27	**0.49**	-0.72	1.22	**0.21**	0.08	0.36
7VEVHY	**0.51**	0.76	0.71	**0.43**	-0.16	1.24	**0.23**	0.41	0.26	**0.60**	-0.21	0.26	**0.22**	0.21	2.30
8MZAAV	**0.25**	-1.68	0.21	**0.55**	0.75	0.28	**0.23**	0.41	0.26	**0.70**	0.28	0.26	**0.22**	0.21	0.64
AV7VBU	**0.17**	-2.38		**0.27**	-1.35		**0.14**	-0.76		**0.38**	-1.28		**0.14**	-1.00	
BWWDRL	**0.48**	0.45	0.64	**0.50**	0.36	0.65	**0.19**	-0.05	0.32	**0.78**	0.68	1.03	**0.23**	0.36	0.41
BZXGJ9	**0.43**	0.05	2.06	**0.47**	0.14	2.83	**0.20**	0.05	4.54	**0.67**	0.12	1.51	**0.20**	-0.05	0.00
C94NU3	**0.35**	-0.72	0.62	**0.63**	1.36	0.57	**0.33**	1.80	0.45	**0.96**	1.57	1.78	**0.24**	0.58	0.00
CAZ2GV	**0.39**	-0.38	0.21	**0.81**	2.77	0.75	**0.26**	0.90	0.26	**1.06**	2.04	0.52	**0.26**	0.84	0.64
G4Z9CG	**0.41**	-0.16	0.00	**0.49**	0.32	0.00	**0.12**	-1.03	0.00	**0.75**	0.53		**0.22**	0.26	0.00
GK293W	**0.51**	0.73	1.15	**0.45**	0.01	1.19	**0.21**	0.24	1.16	**0.69**	0.22	0.44	**0.22**	0.19	1.33
HAKLTV	**0.55**	1.15	0.27	**0.52**	0.53	0.20	**0.21**	0.16	0.33	**0.74**	0.47	0.20	**0.21**	0.08	1.27
HLE8VJ	**0.41**	-0.19	0.41	**0.51**	0.44	0.57	**0.26**	0.86	0.00	**0.77**	0.63	0.26	**0.19**	-0.16	0.64
JBLB7N	**0.53**	0.96	0.25	**0.45**	-0.01	1.01	**0.12**	-1.09	0.30	**0.62**	-0.12	0.61	**0.12**	-1.30	1.43
JZRX9C	**0.36**	-0.64	0.21	**0.46**	0.08	0.10	**0.13**	-0.89	0.03	**0.74**	0.45	0.33	**0.24**	0.64	0.32
N29KUM	**0.44**	0.11	0.62	**0.44**	-0.06	0.49	**0.23**	0.45	0.79	**0.68**	0.17	0.54	**0.21**	0.05	0.64
QN8YGM	**0.31**	-1.06	0.21	**0.32**	-0.97	0.00	**0.12**	-1.07	0.26	**0.49**	-0.74	0.00	**0.12**	-1.26	0.64
QPMFD2	**0.42**	-0.04	1.49	**0.51**	0.50	1.24	**0.12**	-0.98	0.26	**0.78**	0.67	2.32	**0.16**	-0.74	1.28
QUFERW	**0.20**	-2.11	0.00	**0.30**	-1.13	0.00	**0.10**	-1.30	0.00	**0.47**	-0.86	1.51	**0.10**	-1.63	0.00
RR42LF	**0.44**	0.08	0.00	**0.50**	0.38	0.27	**0.26**	0.80	0.25	**0.72**	0.37	0.00	**0.20**	-0.10	0.62
TEVJP7	**7.98**	69.89X		**7.94**	56.93X		**7.40**	97.05X		**5.21**	22.34X		**6.40**	97.76X	
TJQDKL	**0.51**	0.75	0.09	**0.48**	0.24	0.87	**0.28**	1.11	0.34	**0.61**	-0.14	0.13	**0.24**	0.53	0.23
UR2WJB	**0.36**	-0.66	0.21	**0.40**	-0.34	1.02	**0.18**	-0.18	0.26	**0.57**	-0.34	0.66	**0.16**	-0.74	0.64
UVZB72	**0.44**	0.11	0.36	**0.39**	-0.47	0.28	**0.14**	-0.76	0.00	**0.56**	-0.38	0.40	**0.14**	-1.05	0.64
WGDABY	**0.41**	-0.13	2.38	**0.50**	0.42	1.72	**0.24**	0.63	0.26	**0.87**	1.13	2.82	**0.25**	0.68	0.64
WWJ4UF	**0.51**	0.78	1.19	**0.36**	-0.68	0.39	**0.21**	0.12	0.60	**0.53**	-0.53	0.64	**0.13**	-1.23	1.08

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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups — **Data units: dS/m**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
X9XFPP	**0.39**	-0.35	0.29	**0.79**	2.62	0.21	**0.25**	0.66	1.91	**1.05**	1.98	0.13	**0.24**	0.60	0.06
XFC7BF	**0.31**	-1.13	1.78	**0.32**	-0.98	2.35	**0.14**	-0.72	0.90	**0.48**	-0.78	0.80	**0.15**	-0.84	2.37
YPCE8R	**0.45**	0.18	0.21	**0.39**	-0.44	0.00	**0.20**	0.05	0.00	**0.61**	-0.17	0.15	**0.25**	0.74	
YX9DHD	**0.52**	0.85	0.71	**0.43**	-0.14	0.85	**0.18**	-0.18	0.26	**0.49**	-0.74	0.45	**0.11**	-1.53	0.64
ZF42QN	**0.30**	-1.18	0.00	**0.30**	-1.13	0.00	**0.10**	-1.30	0.00	**0.30**	-1.67	0.00	**0.10**	-1.63	0.00

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups — **Data units: dS/m**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.43	0.45	0.20	0.64	0.20
Median Abs Dev	0.07	0.06	0.05	0.11	0.04
Avg Within Lab SD	0.03	0.02	0.02	0.04	0.01
Labs Included	30	30	30	30	30
Labs Reporting	31	31	31	31	31

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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups — **Data units: dS/m**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**0.31**	0.86	0.64	**0.51**	0.98	0.85	**0.18**	1.12	0.69	**0.64**	0.80	0.77	**0.15**	0.76	0.80
87YML3	**0.32**	0.89	4.03	**0.49**	0.80	0.70	**0.12**	-0.10	0.92	**0.60**	0.50	0.77	**0.16**	1.04	2.29
8MZAAV	**0.17**	-0.77	0.32	**0.39**	0.03	0.40	**0.11**	-0.38	0.53	**0.47**	-0.34	2.13	**0.11**	-0.61	0.66
97CDBD	**0.17**	-0.77	1.14	**0.20**	-1.52	0.93	**0.13**	0.03	2.50	**0.30**	-1.50	1.63	**0.07**	-1.71	1.84
97NAFH	**0.26**	0.25	0.20	**0.49**	0.82	0.11	**0.14**	0.24	0.24	**0.60**	0.55	0.03	**0.14**	0.33	0.21
AW39XM	**0.29**	0.58	0.00	**0.36**	-0.20	1.45	**0.17**	1.02	0.53	**0.53**	0.05	0.00	**0.13**	0.11	0.00
BWY4VJ	**0.29**	0.54	0.64	**0.36**	-0.20	1.45	**0.12**	-0.03	0.53	**0.57**	0.32	1.21	**0.18**	1.76	0.66
CAZ2GV	**0.24**	0.00	0.00	**0.45**	0.49	1.20	**0.14**	0.39	0.53	**0.55**	0.18	0.00	**0.13**	0.01	0.66
CWVXUF	**0.25**	0.12	0.56	**0.47**	0.64	1.84	**0.21**	1.80	0.92	**0.56**	0.27	3.01	**0.14**	0.32	2.38
EL427J	**0.22**	-0.27	0.85	**0.26**	-1.05	1.06	**0.11**	-0.31	0.00	**0.37**	-1.06	0.51	**0.12**	-0.09	0.66
HEFFNB	**0.24**	0.00	0.00	**0.32**	-0.52	1.45	**0.17**	0.88	1.40	**0.48**	-0.29	0.58	**0.16**	1.04	1.15
HMNAJ4	**0.21**	-0.32	0.17	**0.42**	0.27	0.26	**0.18**	1.12	0.23	**0.49**	-0.21	1.09	**0.13**	0.00	0.24
J4NJZF	**0.11**	-1.55	0.18	**0.30**	-0.74	1.23	**0.07**	-1.15	0.64	**0.17**	-2.43	1.04	**0.05**	-2.28	0.33
JBLB7N	**0.38**	1.58	0.94	**0.29**	-0.80	0.80	**0.08**	-0.91	0.74	**0.36**	-1.12	0.22	**0.08**	-1.39	1.18
JC7UDF	**0.21**	-0.34	0.00	**0.43**	0.32	0.00	**0.15**	0.48	0.00	**0.56**	0.27	0.00	**0.13**	0.06	0.00
JYX9QG	**0.52**	3.18X	1.02	**0.86**	3.76X	0.52	**0.36**	4.94X	0.65	**1.07**	3.70X	0.03	**0.27**	4.49X	0.11
KCY8CT	**0.21**	-0.35	0.21	**0.42**	0.27	0.30	**0.09**	-0.65	0.39	**0.54**	0.13	0.08	**0.12**	-0.15	0.54
KFYB4F	**0.28**	0.42	0.91	**0.25**	-1.11	1.47	**0.10**	-0.48	0.77	**0.35**	-1.19	1.01	**0.12**	-0.24	1.32
PBAKML	**0.22**	-0.26	0.05	**0.38**	-0.03	0.42	**0.10**	-0.57	0.19	**0.51**	-0.08	0.23	**0.12**	-0.06	0.39
R2TT88	**0.18**	-0.66	0.34	**0.35**	-0.33	0.77	**0.12**	-0.11	0.14	**0.52**	-0.05	0.97	**0.13**	-0.02	0.29
R6R7VW	**0.33**	1.05	0.37	**0.54**	1.19	0.77	**0.20**	1.50	0.75	**0.67**	1.00	0.37	**0.17**	1.24	0.87
UR2WJB	**0.22**	-0.23	0.56	**0.29**	-0.81	1.06	**0.11**	-0.24	0.53	**0.40**	-0.84	0.89	**0.11**	-0.61	0.66
WWJ4UF	**0.43**	2.20	0.46	**0.41**	0.18	1.12	**0.14**	0.37	3.13	**0.54**	0.13	0.29	**0.13**	0.00	0.19
X9XFPP	**0.34**	1.21	0.12	**0.42**	0.22	0.53	**0.19**	1.32	0.23	**0.56**	0.22	0.77	**0.14**	0.28	0.37
XFC7BF	**0.20**	-0.45	1.84	**0.20**	-1.48	1.65	**0.09**	-0.65	1.22	**0.32**	-1.39	0.69	**0.10**	-0.88	1.62
ZAH9C4	**0.13**	-1.25	0.63	**0.20**	-1.50	0.24	**0.06**	-1.33	0.14	**0.24**	-1.90	0.02	**0.06**	-2.01	0.13

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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups — **Data units: dS/m**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
ZG3AU2	**0.29**	0.63	0.23	**0.52**	1.03	0.47	**0.14**	0.35	0.59	**0.63**	0.71	0.33	**0.14**	0.54	0.29

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups — **Data units: dS/m**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.24	0.39	0.12	0.52	0.13
Median Abs Dev	0.05	0.09	0.03	0.06	0.01
Avg Within Lab SD	0.02	0.01	0.01	0.03	0.01
Labs Included	26	26	26	26	26
Labs Reporting	27	27	27	27	27

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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**7.88**	-0.01	1.05	**7.44**	-0.11	0.83	**6.41**	0.36	1.00	**6.99**	-0.68	1.04	**5.28**	0.40	1.29
3GRCDM	**7.90**	0.15	0.36	**7.51**	0.36	1.45	**6.35**	-0.07	0.90	**7.10**	0.12	0.50	**5.30**	0.54	0.75
632WAQ	**8.00**	0.98		**7.60**	0.94	0.00	**6.40**	0.29	0.00	**7.17**	0.56	1.38	**5.30**	0.56	0.00
667R8V	**7.94**	0.50	0.46	**7.48**	0.17	0.62	**6.46**	0.69	1.06	**7.10**	0.07	0.37	**5.22**	-0.11	0.74
67433X	**7.83**	-0.42	0.10	**7.51**	0.36	0.00	**6.31**	-0.31	0.20	**7.05**	-0.28	0.14	**5.18**	-0.45	0.00
68ZFPQ	**8.17**	2.33	0.26	**7.72**	1.74	0.32	**6.53**	1.19	0.30	**7.26**	1.22	0.41	**5.27**	0.28	0.33
6TJM2J	**8.12**	1.98	0.10	**7.68**	1.48	0.83	**6.48**	0.83	1.31	**7.20**	0.82	0.91	**5.40**	1.41	0.56
7VEVHY	**7.74**	-1.14	0.10	**7.34**	-0.75	0.73	**6.11**	-1.68	0.12	**6.91**	-1.24	0.24	**5.00**	-1.95	0.44
87YML3	**7.84**	-0.31	0.17	**7.45**	-0.04	0.93	**6.40**	0.27	1.02	**7.04**	-0.35	0.50	**5.24**	0.03	0.65
8MZAAV	**7.88**	0.04	1.68	**7.32**	-0.88	1.33	**6.41**	0.38	2.01	**6.82**	-1.88	0.24	**5.42**	1.61	0.68
8WPZU3	**7.93**	0.39	0.26	**7.49**	0.26	0.24	**6.28**	-0.51	0.20	**7.11**	0.19	0.14	**5.24**	0.03	0.25
AV7VBU	**7.86**	-0.17	0.26	**7.46**	0.06	2.35	**6.37**	0.09	0.72	**7.14**	0.38	2.31	**5.31**	0.65	0.21
BWWDRL	**7.53**	-2.81	2.42	**7.15**	-1.97	2.27	**6.17**	-1.23	3.10	**6.81**	-1.97	2.26	**5.10**	-1.16	0.25
BWY4VJ	**7.80**	-0.63	0.00	**7.37**	-0.56	1.19	**6.53**	1.19	1.15	**6.97**	-0.84	1.38	**5.30**	0.56	0.00
BZXGJ9	**7.37**	-4.13X	1.99	**6.97**	-3.13X	1.19	**5.90**	-3.06X	0.00	**6.70**	-2.72X	0.00	**4.70**	-4.52X	0.00
CAZ2GV	**7.70**	-1.47	0.87	**7.05**	-2.58	0.98	**6.12**	-1.57	1.36	**6.72**	-2.56	0.60	**5.05**	-1.55	0.98
CVZFUY	**7.97**	0.71	0.10	**7.52**	0.43	0.21	**6.47**	0.76	0.20	**7.10**	0.07	0.14	**5.20**	-0.25	0.12
CWVXUF	**7.90**	0.17	1.75	**7.49**	0.26	1.38	**6.41**	0.38	1.28	**7.12**	0.26	0.77	**5.55**	2.68	2.05
DP8FCX	**7.86**	-0.15	0.00	**7.32**	-0.86	0.00	**6.26**	-0.64	0.04	**7.01**	-0.54	0.00	**5.15**	-0.71	0.00
E9JJDF	**7.90**	0.20	0.36	**7.55**	0.62	0.21	**6.39**	0.25	1.44	**7.16**	0.49	0.28	**5.23**	-0.03	1.70
EL427J	**7.80**	-0.66	0.26	**7.44**	-0.09	0.74	**6.23**	-0.83	0.30	**7.03**	-0.42	0.28	**5.11**	-1.02	1.01
FRQEHR	**8.13**	2.06	1.00	**7.60**	0.94	0.00	**6.60**	1.63	0.00	**7.20**	0.80	0.00	**5.37**	1.13	1.23
G4Z9CG	**7.85**	-0.23	0.00	**7.25**	-1.31		**6.42**	0.43	0.00	**6.70**	-2.72	0.00	**5.27**	0.31	0.00
GA76WG	**7.79**	-0.72	0.27	**7.34**	-0.73	0.28	**6.30**	-0.39	0.45	**6.94**	-1.03	1.05	**5.43**	1.64	1.64
GK293W	**7.93**	0.39	2.16	**7.46**	0.06	3.46	**6.51**	1.01	1.02	**7.18**	0.66	2.15	**5.35**	0.99	0.93
GMU4P6	**7.83**	-0.39	0.30	**7.36**	-0.62	0.78	**6.26**	-0.67	0.42	**6.93**	-1.08	0.14	**5.19**	-0.37	0.43

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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
HAKLTV	**7.69**	-1.52	0.35	**7.45**	-0.04	0.32	**6.54**	1.23	0.60	**7.12**	0.21	1.46	**5.30**	0.56	1.28
HLE8VJ	**8.04**	1.30	0.62	**7.46**	0.04	0.36	**6.33**	-0.20	0.50	**7.10**	0.09	0.41	**5.23**	-0.06	0.12
HMNAJ4	**7.82**	-0.44	0.65	**7.47**	0.13	0.32	**6.32**	-0.22	1.52	**7.09**	0.05	0.60	**5.35**	0.99	1.69
J4NJZF	**7.31**	-4.58X	0.91	**7.02**	-2.79	0.41	**5.97**	-2.57	2.21	**6.88**	-1.45	1.49	**5.26**	0.25	0.96
JBLB7N	**7.78**	-0.82	0.10	**7.37**	-0.56	0.43	**6.52**	1.07	0.50	**7.04**	-0.33	0.63	**5.10**	-1.13	0.21
JC7UDF	**7.88**	0.01	0.00	**7.35**	-0.67	0.74	**6.20**	-1.03	0.50	**6.95**	-0.96	1.87	**5.42**	1.61	0.68
JWQRU7	**7.90**	0.17	0.00	**7.50**	0.30		**6.20**	-1.05	0.00	**7.10**	0.09	0.00	**5.20**	-0.28	0.00
JYVJLJ	**7.90**	0.17	0.52	**7.56**	0.71	0.43	**6.36**	0.02	0.35	**7.14**	0.40	0.14	**5.29**	0.51	0.89
JYX9QG	**7.97**	0.77	1.31	**7.54**	0.54	0.43	**6.29**	-0.47	0.58	**7.11**	0.16	0.83	**5.23**	0.00	0.89
JZRX9C	**7.85**	-0.20	0.26	**7.41**	-0.28	0.74	**6.46**	0.72	1.10	**7.01**	-0.56	1.20	**5.20**	-0.25	1.65
KCY8CT	**7.92**	0.34	0.91	**7.40**	-0.34	0.55	**6.46**	0.67	0.30	**7.12**	0.21	0.60	**5.37**	1.13	0.33
L78EEJ	**7.99**	0.87	2.91	**7.44**	-0.09	1.23	**6.16**	-1.29	2.15	**7.01**	-0.57	2.37	**5.13**	-0.84	1.37
LBYM2X	**7.97**	0.71	0.40	**7.59**	0.86	0.60	**6.34**	-0.13	0.42	**7.15**	0.42	0.50	**5.19**	-0.37	0.77
LWGUDR	**8.13**	2.06	1.00	**7.73**	1.80	1.19	**6.43**	0.51	1.15	**7.23**	1.03	1.38	**5.33**	0.85	1.23
N29KUM	**7.87**	-0.09	0.53	**7.51**	0.36	0.21	**6.22**	-0.94	1.44	**7.16**	0.52	0.96	**5.19**	-0.37	0.21
PBAKML	**7.85**	-0.23	0.17	**7.40**	-0.32	0.32	**6.23**	-0.83	0.12	**7.01**	-0.52	0.55	**5.18**	-0.42	0.44
PKVQFJ	**7.73**	-1.17	1.00	**7.30**	-0.99	2.07	**6.33**	-0.16	1.15	**6.97**	-0.84	1.38	**5.17**	-0.56	1.23
PKWW77	**7.90**	0.17	1.20	**7.46**	0.06	1.14	**6.37**	0.07	0.76	**7.08**	-0.07	0.14	**5.25**	0.14	1.40
QN8YGM	**7.87**	-0.06	0.73	**7.49**	0.26	1.60	**6.44**	0.54	1.28	**7.12**	0.22	0.60	**5.17**	-0.52	0.82
QPMFD2	**7.87**	-0.09	1.00	**7.37**	-0.56	1.19	**6.53**	1.19	1.15	**7.00**	-0.61		**5.30**	0.56	0.00
QUFERW	**8.00**	0.98		**7.57**	0.73	1.19	**6.53**	1.19	1.15	**7.20**	0.80	0.00	**5.33**	0.85	1.23
R2TT88	**7.85**	-0.26	0.55	**7.35**	-0.69	0.12	**6.31**	-0.29	0.12	**7.00**	-0.63	0.14	**5.18**	-0.45	0.21
RR42LF	**7.95**	0.54	0.73	**7.56**	0.71	0.33	**6.28**	-0.54	0.12	**7.10**	0.08	0.43	**5.20**	-0.27	0.26
TJQDKL	**7.83**	-0.42	0.70	**7.46**	0.06	0.60	**6.23**	-0.87	0.30	**7.04**	-0.35	0.37	**5.17**	-0.51	0.25
UR2WJB	**7.87**	-0.07	0.17	**7.38**	-0.47	0.62	**6.29**	-0.47	0.50	**6.98**	-0.75	0.24	**5.20**	-0.31	0.44
UVZB72	**7.92**	0.31	0.43	**7.44**	-0.09	0.74	**6.46**	0.69	0.35	**7.03**	-0.42	0.84	**5.21**	-0.17	0.33

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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups — **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
WGDABY	**7.81**	-0.55	0.46	**7.40**	-0.34	0.21	**6.23**	-0.85	1.11	**6.94**	-1.03	1.33	**5.17**	-0.51	1.23
WWJ4UF	**7.44**	-3.51X	0.26	**7.37**	-0.52	0.32	**6.39**	0.22	0.53	**6.64**	-3.12X	0.50	**4.48**	-6.38X	0.85
X3RNHC	**7.92**	0.34	0.35	**7.55**	0.62	0.21	**6.40**	0.31	0.12	**7.10**	0.09	0.24	**5.27**	0.31	0.00
X9XFPP	**7.55**	-2.62	2.33	**7.26**	-1.27	0.78	**6.42**	0.45	0.76	**6.93**	-1.10	2.28	**5.22**	-0.14	3.33
XFC7BF	**7.95**	0.58	2.69	**7.46**	0.06	0.78	**6.35**	-0.02	0.61	**7.09**	0.00	1.13	**5.28**	0.40	0.74
YJ9BJE	**7.83**	-0.36	1.00	**7.13**	-2.06	1.19	**6.33**	-0.16	1.15	**7.20**	0.80	0.00	**5.30**	0.56	2.13
YPCE8R	**7.82**	-0.47	0.75	**7.22**	-1.48	0.12	**6.25**	-0.74	0.61	**6.79**	-2.06	0.37	**5.05**	-1.52	0.61
YX9DHD	**7.93**	0.44	1.00	**7.53**	0.52	1.19	**6.33**	-0.16	1.15	**7.23**	1.03	1.38	**5.17**	-0.56	1.23
ZF42QN	**8.00**	0.98		**7.60**	0.94	0.00	**6.50**	0.96		**7.10**	0.09	0.00	**5.40**	1.41	0.00

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups — **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.88	7.45	6.36	7.09	5.23
Median Abs Dev	0.05	0.09	0.09	0.08	0.06
Avg Within Lab SD	0.06	0.05	0.05	0.04	0.05
Labs Included	58	60	60	59	59
Labs Reporting	61	61	61	61	61

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

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**8.07**	0.47	1.02	**7.64**	1.10	0.68	**6.47**	-0.05	0.64	**7.20**	0.50	0.61	**5.37**	-0.01	0.60
2RW3HH	**7.85**	-0.52	0.18	**7.46**	0.00	1.22	**6.48**	-0.03	0.08	**7.09**	-0.03	0.20	**5.34**	-0.12	0.43
8MZAAV	**7.96**	0.00	0.45	**7.40**	-0.41	0.34	**6.91**	1.51	0.43	**6.73**	-1.81	0.90	**5.64**	0.91	0.62
97CDBD	**7.93**	-0.14	1.53	**7.44**	-0.12	2.38	**6.30**	-0.67	1.42	**6.93**	-0.85	1.70	**5.28**	-0.32	2.15
97NAFH	**7.87**	-0.42	0.15	**7.51**	0.30	0.12	**6.36**	-0.46	0.06	**6.89**	-1.03	0.17	**5.38**	0.01	0.10
C94NU3	**8.23**	1.24	1.02	**7.67**	1.24	1.28	**6.17**	-1.14	0.81	**7.20**	0.51	0.00	**4.93**	-1.50	0.99
CAZ2GV	**7.76**	-0.95	0.72	**7.07**	-2.41	1.54	**6.21**	-0.97	2.33	**6.61**	-2.44	1.33	**4.88**	-1.69	0.10
FJX2KD	**8.31**	1.60	1.18	**7.63**	1.02	0.80	**6.62**	0.49	0.49	**7.33**	1.16	1.00	**5.46**	0.30	0.96
GA76WG	**7.90**	-0.31	0.59	**7.41**	-0.30	0.82	**6.36**	-0.45	0.66	**7.06**	-0.19	0.59	**5.56**	0.63	1.32
GMU4P6	**7.99**	0.12	0.77	**7.46**	-0.04	0.26	**6.49**	0.03	0.58	**7.07**	-0.15	0.64	**5.37**	-0.02	0.53
HMNAJ4	**8.16**	0.92	0.80	**7.55**	0.53	0.22	**6.43**	-0.21	1.05	**7.20**	0.51	0.53	**5.47**	0.33	0.62
JBLB7N	**7.86**	-0.49	0.41	**7.45**	-0.06	0.51	**6.59**	0.36	0.80	**7.16**	0.30	0.42	**5.24**	-0.44	0.26
KFYB4F	**7.87**	-0.44	2.70	**7.57**	0.63	1.28	**7.00**	1.84		**7.67**	2.84X	9.24	**6.57**	4.07X	11.05
LRA7X6	**8.07**	0.47	0.10	**7.55**	0.55	0.34	**6.51**	0.09	0.14	**7.16**	0.32	0.40	**5.25**	-0.42	
PBAKML	**7.96**	0.00	1.02	**7.45**	-0.10	0.71	**6.39**	-0.34	0.98	**7.03**	-0.35	1.68	**5.42**	0.16	0.34
U8A62Q	**8.05**	0.38	0.41	**7.62**	0.94	0.56	**6.66**	0.61	0.43	**7.19**	0.45	0.42	**5.55**	0.61	0.72
UR2WJB	**8.04**	0.34	0.41	**7.50**	0.20	0.71	**5.40**	-3.89X	24.45	**7.12**	0.13	0.81	**5.34**	-0.11	0.30
WWJ4UF	**8.09**	0.57	1.48	**6.77**	-4.22X	0.51	**6.77**	1.01	1.99	**6.95**	-0.71	2.08	**6.22**	2.90	2.15
X9XFPP	**7.72**	-1.12	0.18	**7.26**	-1.24	0.22	**6.60**	0.41	0.37	**7.10**	0.03	0.61	**5.52**	0.49	0.55
ZAH9C4	**7.47**	-2.28	0.62	**7.09**	-2.28	1.74	**5.93**	-1.98	1.51	**6.73**	-1.81	1.36	**4.74**	-2.16	1.82
ZG3AU2	**7.66**	-1.39	1.16	**7.46**	0.00	0.64	**6.72**	0.84	0.00	**7.14**	0.20	1.22	**5.48**	0.35	0.36

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

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.96	7.46	6.49	7.10	5.37
Median Abs Dev	0.10	0.08	0.13	0.10	0.11
Avg Within Lab SD	0.06	0.05	0.07	0.05	0.06
Labs Included	21	20	20	20	20
Labs Reporting	21	21	21	21	21

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pH (1:1) 0.01MCaCl2 (SubTestCode 118) in the Soil pH & EC Property Groups — **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
68ZFPQ	**7.79**	4.55X	0.68	**7.51**	3.51X	0.50	**6.03**	1.62	0.88	**7.11**	3.69X	0.05	**4.94**	1.00	0.39
7VEVHY	**7.42**	0.04	0.51	**7.10**	-0.18	0.77	**5.69**	-1.06	0.14	**6.71**	-0.90	0.14	**4.59**	-1.06	0.29
8WPZU3	**7.40**	-0.25	0.44	**7.11**	-0.09	0.11	**5.68**	-1.19	0.14	**6.75**	-0.41		**4.63**	-0.86	0.15
AW39XM	**7.46**	0.45	2.60	**7.25**	1.16	1.54	**5.88**	0.45	0.61	**6.58**	-2.37	4.16	**4.88**	0.68	1.15
CAZ2GV	**7.21**	-2.65	0.68	**6.85**	-2.35	0.44	**5.70**	-0.98	2.13	**6.53**	-2.90	0.09	**4.60**	-1.02	1.33
CVZFUY	**7.36**	-0.70	0.26	**7.13**	0.12	0.19	**5.82**	-0.05	0.24	**6.83**	0.49	0.09	**4.67**	-0.60	0.26
DP8FCX	**7.50**	0.95	0.00	**7.19**	0.62	0.00	**5.85**	0.16	0.00	**6.84**	0.57	0.00	**4.80**	0.16	0.00
E9JJDF	**7.42**	0.00	0.77	**7.21**	0.86	0.40	**5.96**	1.04	0.28	**6.85**	0.72	0.09	**4.79**	0.14	0.53
EL427J	**7.50**	0.99	1.17	**7.10**	-0.15	0.38	**5.87**	0.35	0.24	**6.82**	0.38	0.09	**4.89**	0.72	2.30
HAKLTV	**7.38**	-0.50	0.89	**7.23**	0.98	0.29	**6.09**	2.12	0.85	**6.85**	0.68	0.24	**4.87**	0.60	0.51
HEFFNB	**7.45**	0.37	0.77	**7.18**	0.56	0.19	**5.79**	-0.29	0.73	**6.80**	0.15	0.25	**4.75**	-0.14	1.29
JBLB7N	**7.38**	-0.50	0.44	**7.08**	-0.36	0.29	**5.91**	0.64	0.28	**6.79**	0.04	0.28	**4.68**	-0.52	0.39
JC7UDF	**7.46**	0.54	0.68	**7.06**	-0.51	0.19	**5.83**	0.00	0.98	**6.78**	-0.08	0.09	**4.97**	1.18	1.03
JWQRU7	**7.50**	0.99		**7.20**	0.74	0.00	**5.73**	-0.74	1.41	**6.80**	0.15	0.00	**4.70**	-0.42	0.00
KCY8CT	**7.46**	0.54	0.68	**6.97**	-1.34	3.08	**5.79**	-0.27	2.26	**6.79**	0.00	0.20	**5.00**	1.38	2.46
QUFERW	**7.40**	-0.25	0.00	**7.17**	0.45	1.10	**5.87**	0.32	1.41	**6.87**	0.90	0.55	**4.70**	-0.42	0.00
WWJ4UF	**7.37**	-0.66	1.12	**7.12**	0.00	0.48	**5.83**	0.00	1.38	**6.78**	-0.11	0.14	**4.98**	1.26	0.26
X3RNHC	**7.42**	0.00	0.44	**7.15**	0.33	0.29	**5.79**	-0.29	0.24	**6.78**	-0.11	0.05	**4.73**	-0.26	0.15
X9XFPP	**7.22**	-2.44	1.35	**6.91**	-1.81	2.05	**5.95**	1.01	0.37	**6.73**	-0.68	0.14	**4.82**	0.28	1.31
YRJQQE	**7.42**	0.00	1.60	**7.09**	-0.21	0.22	**5.71**	-0.90	0.78	**6.68**	-1.17	0.11	**4.64**	-0.76	0.15

pH (1:1) 0.01MCaCl2 (SubTestCode 118) in the Soil pH & EC Property Groups — **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.42	7.12	5.83	6.79	4.77
Median Abs Dev	0.04	0.06	0.07	0.04	0.11
Avg Within Lab SD	0.02	0.05	0.04	0.11	0.04
Labs Included	19	19	20	19	20
Labs Reporting	20	20	20	20	20

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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups — **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**7.31**	0.06	0.69	**7.08**	0.11	0.45	**5.83**	0.05	0.28	**6.74**	0.04	0.25	**4.68**	-0.11	0.29
87YML3	**8.00**	2.32	1.17	**7.50**	2.11	1.50	**6.53**	3.36	0.40	**7.18**	2.01	0.45	**5.33**	2.82	1.24
8MZAAV	**7.14**	-0.48	0.20	**6.91**	-0.66	0.62	**5.71**	-0.49	0.43	**6.39**	-1.47	0.76	**4.73**	0.11	0.51
CAZ2GV	**7.22**	-0.21	0.40	**6.83**	-1.06	1.52	**5.66**	-0.72	1.03	**6.47**	-1.12	2.34	**4.63**	-0.35	2.32
GMU4P6	**7.27**	-0.06	0.62	**7.03**	-0.11	1.07	**5.80**	-0.06	0.28	**6.72**	-0.04	0.70	**4.66**	-0.23	0.22
HMNAJ4	**7.51**	0.72	0.94	**7.22**	0.80	1.12	**5.84**	0.13	1.70	**6.80**	0.34	0.88	**4.81**	0.47	1.44
QPMFD2	**7.37**	0.26	1.98	**7.10**	0.22	0.00	**5.97**	0.71	1.54	**6.57**	-0.71	1.25	**4.80**	0.42	0.00
R2TT88	**7.60**	1.01	0.20	**7.23**	0.83	0.30	**5.80**	-0.09	0.38	**6.84**	0.50	0.00	**4.59**	-0.52	0.11
WWJ4UF	**6.93**	-1.18	0.51	**7.01**	-0.22	1.12	**6.05**	1.08	0.20	**6.76**	0.13	0.82	**5.04**	1.52	0.69
X9XFPP	**7.15**	-0.45	1.57	**6.92**	-0.64	1.04	**5.81**	-0.05	1.73	**6.64**	-0.38	0.43	**4.66**	-0.21	0.33

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups — **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.29	7.05	5.82	6.73	4.71
Median Abs Dev	0.14	0.14	0.07	0.10	0.09
Avg Within Lab SD	0.06	0.03	0.08	0.05	0.05
Labs Included	10	10	10	10	10
Labs Reporting	10	10	10	10	10

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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups **Data units: dS/m**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
ZG3AU2	**0.17**		1.00	**0.25**		1.00	**0.07**		1.00	**0.28**		1.00	**0.06**		1.00

Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups **Data units: dS/m**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.17	0.25	0.074	0.28	0.065
Median Abs Dev					
Avg Within Lab SD	0.00	0.00	0.003	0.00	0.000
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1

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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**7.50**	0.13		**7.33**	0.46	1.43	**7.12**	-0.08	1.68	**7.24**	-0.72	1.64	**6.62**	-2.25	0.76
CAZ2GV	**7.26**	-2.26	1.04	**6.82**	-2.22	0.49	**6.76**	-2.16	0.25	**7.15**	-1.30	1.66	**6.68**	-1.85	0.53
DP8FCX	**7.52**	0.30	0.34	**7.25**	0.00	0.76	**7.21**	0.43	0.38	**7.45**	0.62	0.25	**6.95**	-0.18	0.41
EL427J	**7.45**	-0.37	1.77	**7.32**	0.37	1.59	**7.22**	0.48	0.25	**7.43**	0.49	0.65	**7.01**	0.23	0.09
GK293W							**7.15**	0.08	1.62				**7.00**	0.17	2.58
JC7UDF	**7.55**	0.61	0.45	**7.27**	0.11	0.87	**7.22**	0.48	0.99	**7.53**	1.17	0.54	**7.06**	0.55	0.23
KCY8CT	**7.55**	0.61	0.45	**7.27**	0.11	0.87	**7.22**	0.48	0.99	**7.53**	1.17	0.54	**7.06**	0.55	0.23
PKWW77	**7.49**	0.00	0.61	**7.04**	-1.07	0.25	**6.95**	-1.09	0.38	**7.27**	-0.49	0.54	**6.87**	-0.67	0.40
QPMFD2	**7.37**	-1.21	1.70	**7.13**	-0.59	1.43	**7.07**	-0.40	1.43	**7.33**	-0.11	1.49	**7.00**	0.15	
R2TT88	**7.43**	-0.57	0.00	**7.03**	-1.14	0.14	**6.95**	-1.09	0.38	**7.35**	0.00	0.00	**6.95**	-0.15	1.01

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.49	7.25	7.14	7.35	6.98
Median Abs Dev	0.06	0.09	0.08	0.10	0.06
Avg Within Lab SD	0.03	0.04	0.04	0.04	0.07
Labs Included	9	9	10	9	10
Labs Reporting	9	9	10	9	10

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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**7.71**	3.27	3.39	**7.38**	1.26	0.38	**7.35**	2.27	3.19	**7.46**	1.19	3.95	**7.09**	1.27	1.92
4G8ZB8	**7.45**	-0.36	0.14	**7.04**	-0.71	0.14	**7.04**	-0.49	0.13	**7.31**	-1.04	0.14	**6.96**	0.06	0.26
632WAQ	**7.50**	0.36		**7.27**	0.61	1.45	**7.23**	1.24	1.27	**7.47**	1.23	0.69	**7.07**	1.08	1.48
667R8V	**7.40**	-0.96	0.14	**7.14**	-0.12	1.28	**7.05**	-0.35	1.10	**7.34**	-0.64	0.63	**6.94**	-0.09	1.31
67433X	**7.41**	-0.86	0.00	**7.12**	-0.25	0.00	**7.05**	-0.35	0.13	**7.36**	-0.40	0.07	**6.86**	-0.92	0.15
68ZFPQ	**7.56**	1.14	0.28	**7.30**	0.79	0.29	**7.24**	1.27	0.34	**7.49**	1.53	0.07	**7.03**	0.70	0.30
7VEVHY	**7.46**	-0.14	0.28	**7.15**	-0.06	0.14	**7.08**	-0.08	0.25	**7.38**	0.00	0.25	**6.90**	-0.51	1.12
EL427J	**7.43**	-0.55	0.37	**7.44**	1.66	1.70	**7.18**	0.80	0.46	**7.49**	1.63	0.25	**7.09**	1.27	0.82
GA76WG	**7.49**	0.25	0.09	**7.17**	0.02	0.18	**7.09**	0.00	0.09	**7.33**	-0.78	0.07	**6.93**	-0.22	0.26
HLE8VJ	**7.44**	-0.41	0.14	**7.00**	-0.98	0.14	**6.97**	-1.05	0.13	**7.29**	-1.33	0.07	**6.89**	-0.63	0.39
J4NJZF	**7.33**	-1.91	0.14	**6.99**	-1.00	0.14	**6.96**	-1.17	0.22	**7.38**	0.00	0.36	**7.09**	1.27	0.59
JBLB7N	**7.53**	0.77	0.00	**7.53**	2.17	0.00	**7.07**	-0.17	0.34	**7.36**	-0.40	0.18	**6.99**	0.35	0.44
JC7UDF	**7.36**	-1.59	0.50	**7.16**	-0.02	0.66	**7.10**	0.09	0.25	**7.36**	-0.35	0.36	**6.95**	-0.06	0.39
JZRX9C	**7.52**	0.68	1.56	**7.22**	0.36	1.47	**7.19**	0.89	1.49	**7.42**	0.54	0.71	**6.99**	0.35	2.27
L78EEJ	**7.46**	-0.18	0.60	**7.14**	-0.14	0.79	**7.05**	-0.36	0.37	**7.30**	-1.28	0.13	**6.86**	-0.91	0.44
LCWXX2	**7.15**	-4.48X	0.02	**6.88**	-1.69	0.03	**6.70**	-3.43X	0.11	**7.10**	-4.14X	0.25	**6.52**	-4.10X	0.04
N29KUM	**7.48**	0.05	0.92	**7.18**	0.12	0.38	**7.21**	1.04	0.22	**7.38**	0.00	1.26	**6.83**	-1.14	0.64
PKVQFJ	**7.47**	-0.09	1.40	**7.20**	0.22	2.50	**7.07**	-0.23	1.27	**7.40**	0.25	1.19	**6.77**	-1.77	1.48
TJQDKL	**7.48**	0.09	0.24	**7.15**	-0.08	0.25	**7.10**	0.04	0.13	**7.34**	-0.64	0.00	**6.91**	-0.44	0.15
UR2WJB	**7.48**	0.14	0.50	**6.98**	-1.08	0.25	**7.03**	-0.58	1.08	**7.35**	-0.54	0.70	**7.03**	0.70	1.03
XFC7BF	**7.47**	0.00	0.98	**7.28**	0.69	2.29	**7.18**	0.74	1.46	**7.39**	0.15	0.25	**6.95**	0.00	0.59
ZF42QN	**7.50**	0.36		**7.30**	0.81	0.00	**7.20**	0.95	0.00	**7.40**	0.25	0.00	**7.00**	0.44	

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.47	7.16	7.09	7.38	6.95
Median Abs Dev	0.03	0.11	0.07	0.04	0.07
Avg Within Lab SD	0.04	0.04	0.05	0.08	0.04
Labs Included	21	22	21	21	21
Labs Reporting	22	22	22	22	22

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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
BWY4VJ	**7.77**		1.72	**7.78**		1.55	**7.79**		1.07	**7.85**		0.65	**7.77**		0.72
JC7UDF	**7.81**		0.65	**7.59**		0.48	**7.76**		1.11	**7.86**		1.12	**7.75**		0.98
KCY8CT	**7.79**		0.65	**7.62**		1.13	**7.70**		1.11	**7.84**		1.49	**7.67**		1.52
WGDABY	**7.81**		0.43	**7.44**		0.28	**7.61**		0.64	**7.79**		0.32	**7.66**		0.47

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.80	7.61	7.73	7.84	7.71
Median Abs Dev					
Avg Within Lab SD	0.02	0.04	0.03	0.02	0.02
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
68ZFPQ	**7.13**	0.00	1.01	**7.08**	0.53	0.78	**7.02**	1.25	1.77	**7.22**	2.06	1.18	**6.72**	0.15	1.36
7VEVHY	**7.07**	-1.15	0.53	**6.99**	-1.00	0.65	**6.82**	-0.34	0.35	**6.97**	-0.89	0.24	**6.66**	-0.19	0.27
DP8FCX	**7.05**	-1.44	0.00	**7.05**	0.00	0.00	**6.95**	0.74	0.00	**7.01**	-0.44	0.00	**6.90**	1.27	0.00
HAKLTV	**7.15**	0.23	1.92	**7.11**	1.12	1.98	**6.86**	0.00	0.61	**7.07**	0.32	1.85	**6.69**	0.00	1.91
JBLB7N	**7.16**	0.52	0.53	**7.00**	-0.83		**6.64**	-1.75	0.61	**7.00**	-0.56		**6.45**	-1.53	0.47
KCY8CT	**7.11**	-0.40	0.92	**7.01**	-0.59	0.86	**6.88**	0.16	0.61	**7.05**	0.00	0.63	**6.74**	0.29	0.82
N29KUM	**7.19**	0.98	0.92	**7.08**	0.65	0.57	**6.80**	-0.48	1.62	**7.08**	0.44	0.85	**6.49**	-1.30	0.72

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	7.13	7.05	6.86	7.05	6.69
Median Abs Dev	0.03	0.04	0.06	0.04	0.05
Avg Within Lab SD	0.03	0.03	0.02	0.02	0.02
Labs Included	7	7	7	7	7
Labs Reporting	7	7	7	7	7

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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
CWVXUF							**6.30**		0.26				**6.22**		0.81
HEFFNB	**6.66**		1.00	**6.61**		1.00	**6.30**		0.80	**6.51**		1.00	**6.23**		0.81
QUFERW							**6.33**		1.51				**6.23**		1.30

Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups **Data units: Unit**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	6.66	6.61	6.30	6.51	6.23
Median Abs Dev					
Avg Within Lab SD	0.01	0.02	0.04	0.02	0.04
Labs Included	1	1	3	1	3
Labs Reporting	1	1	3	1	3

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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**33.1**	1.7	1.3	**64.1**	-0.6	0.7	**30.2**	1.1	0.5	**96.5**	-0.2	0.2	**33.9**	2.1	0.5
3GRCDM	**64.4**	10.2X	0.7	**105.9**	1.4	1.8	**41.9**	2.1	2.5	**200.0**	4.3X	0.9	**60.0**	7.9X	0.1
3UZ3DA	**26.5**	-0.1	1.1	**59.5**	-0.8	0.6	**17.4**	0.0	0.7	**86.7**	-0.6	1.5	**23.8**	-0.1	1.1
632WAQ	**30.2**	0.9	0.5	**54.3**	-1.0	0.7	**21.8**	0.4	0.6	**88.7**	-0.5	0.3	**28.0**	0.8	0.2
667R8V	**25.9**	-0.3	0.8	**49.3**	-1.3	1.3	**10.0**	-0.6	0.5	**74.3**	-1.2	0.6	**24.8**	0.1	0.6
7VEVHY	**27.9**	0.2	1.7	**54.1**	-1.0	1.9	**19.7**	0.2	0.9	**84.5**	-0.7	1.7	**26.6**	0.5	0.4
97CDBD	**27.4**	0.1	1.0	**76.4**	0.0	0.9	**25.3**	0.7	0.4	**109.0**	0.3	0.6	**23.9**	-0.1	0.5
97NAFH	**29.5**	0.7	0.9	**82.1**	0.3	0.5	**14.5**	-0.3	0.3	**79.7**	-0.9	0.1	**18.8**	-1.2	0.2
AV7VBU	**57.8**	8.4X		**123.0**	2.2X		**51.0**	2.9		**208.6**	4.6X		**55.2**	6.8X	
AVLC43	**27.6**	0.2	0.1	**81.9**	0.3	0.6	**5.9**	-1.0	2.6	**119.3**	0.8	0.2	**24.2**	0.0	0.0
AW39XM	**26.2**	-0.2	0.4	**77.3**	0.0	0.6	**27.4**	0.8	0.1	**106.6**	0.2	0.3	**23.8**	-0.1	0.3
BWWDRL	**23.6**	-0.9	0.8	**84.1**	0.4	1.1	**8.3**	-0.8	0.6	**101.2**	0.0	0.8	**21.9**	-0.5	0.4
BWY4VJ	**20.8**	-1.7	0.7	**41.7**	-1.6	0.3	**9.4**	-0.7	0.4	**72.9**	-1.2	0.6	**21.7**	-0.6	1.3
BZXGJ9	**18.1**	-2.4	0.3	**42.5**	-1.6	0.2	**8.9**	-0.7	0.3	**45.3**	-2.4	0.1	**18.1**	-1.4	0.2
C94NU3	**26.0**	-0.3	0.3	**76.9**	0.0	0.3	**27.7**	0.9	0.5	**105.6**	0.2	0.0	**23.3**	-0.2	0.5
CAZ2GV	**19.3**	-2.1	2.5	**59.8**	-0.8	2.6	**11.8**	-0.5	1.4	**81.9**	-0.8	1.4	**16.8**	-1.7	1.0
DNU9NV	**26.2**	-0.2	0.2	**60.0**	-0.8	0.4	**21.6**	0.4	0.2	**91.1**	-0.4	0.2	**28.5**	0.9	0.2
EL427J	**28.4**	0.4	0.2	**86.3**	0.5	0.3	**27.2**	0.8	0.4	**114.6**	0.6	0.5	**25.4**	0.2	0.2
FJX2KD	**26.0**	-0.3	0.3	**83.5**	0.3	0.3	**22.6**	0.4	1.3	**114.3**	0.6	0.2	**20.5**	-0.9	0.5
G4Z9CG	**26.6**	-0.1	0.0	**76.6**	0.0	0.0	**7.7**	-0.8	0.0	**107.8**	0.3	0.0	**22.9**	-0.3	0.0
HAKLTV	**26.1**	-0.2	0.5	**56.1**	-0.9	0.2	**15.0**	-0.2	0.5	**81.1**	-0.9	0.7	**25.7**	0.3	0.5
J4NJZF	**22.7**	-1.2	0.4	**80.7**	0.2	0.2	**13.3**	-0.4	0.4	**123.7**	1.0	4.0	**20.0**	-1.0	0.5
JBLB7N	**31.1**	1.1	0.2	**57.4**	-0.9	0.1	**1.7**	-1.3	0.1	**109.4**	0.4	0.1	**29.6**	1.1	0.1
JC7UDF	**25.6**	-0.4	0.9	**49.7**	-1.2	0.5	**17.6**	0.0	0.7	**75.4**	-1.1	0.1	**24.8**	0.1	0.2
JZRX9C	**24.9**	-0.6	0.9	**42.4**	-1.6	0.6	**6.3**	-0.9	0.7	**74.9**	-1.1	0.7	**23.1**	-0.3	0.8
KCY8CT	**26.5**	-0.1	0.2	**79.9**	0.2	0.2	**10.4**	-0.6	0.4	**111.8**	0.5	0.1	**24.2**	0.0	0.1

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
KFYB4F	**27.0**	0.0	0.7	**77.7**	0.1	0.8	**8.2**	-0.8	0.1	**99.3**	-0.1	0.2	**24.0**	-0.1	
L78EEJ	**24.1**	-0.8	2.9	**48.0**	-1.3	0.9	**16.2**	-0.1	1.5	**78.5**	-1.0	0.3	**22.5**	-0.4	1.6
MFNLQD	**26.9**	0.0	0.0	**79.3**	0.1	0.1	**27.7**	0.9	0.2	**111.9**	0.5	0.0	**24.2**	0.0	0.0
N29KUM	**26.4**	-0.2	0.1	**51.6**	-1.2	0.1	**20.8**	0.3	0.1	**82.6**	-0.8	0.1	**26.0**	0.4	0.0
NYXZNY	**32.2**	1.4		**92.0**	0.7		**24.9**	0.6		**127.9**	1.2		**27.9**	0.8	
PKVQFJ	**29.0**	0.5	0.3	**85.3**	0.4	0.1	**27.0**	0.8	0.5	**115.2**	0.6	0.2	**26.1**	0.4	0.2
PKWW77	**28.4**	0.4	0.6	**82.3**	0.3	0.9	**23.5**	0.5	1.0	**113.6**	0.5	0.5	**24.6**	0.0	0.5
QPMFD2	**21.9**	-1.4	1.6	**79.0**	0.1	1.5	**4.9**	-1.1	0.4	**114.3**	0.6	0.1	**24.8**	0.1	0.0
QUFERW	**27.4**	0.1	2.2	**42.2**	-1.6	2.6	**9.3**	-0.7	3.6	**88.0**	-0.6	3.5	**19.0**	-1.2	5.4
R2TT88	**27.2**	0.1	0.3	**80.1**	0.2	0.6	**15.6**	-0.2	0.1	**114.1**	0.6	0.4	**11.9**	-2.8	0.1
RR42LF	**29.3**	0.6	0.1	**96.0**	0.9	0.9	**26.1**	0.7	0.6	**133.6**	1.4	0.1	**24.8**	0.1	0.3
TEVJP7	**27.5**	0.1	0.4	**86.3**	0.5	0.4	**118.8**	8.7X	1.6	**10.2**	-3.9X	0.0	**6.3**	-4.0	0.0
TJQDKL	**27.0**	0.0	0.1	**54.8**	-1.0	0.2	**27.4**	0.8	0.2	**83.6**	-0.8	0.2	**24.8**	0.1	0.2
UR2WJB	**32.3**	1.5	0.4	**54.3**	-1.0	0.8	**20.7**	0.3	0.8	**88.3**	-0.6	0.4	**28.3**	0.9	0.5
UVZB72	**31.7**	1.3	1.0	**49.3**	-1.3	2.3	**8.7**	-0.8	0.4	**80.3**	-0.9	0.2	**29.0**	1.0	0.5
XEYU96	**30.3**	0.9	2.0	**72.7**	-0.2	1.3	**9.2**	-0.7	0.1	**115.0**	0.6	0.1	**24.7**	0.1	0.1
YX9DHD	**33.0**	1.6	0.7	**63.0**	-0.6	0.3	**19.7**	0.2	0.4	**101.3**	0.0	0.3	**29.3**	1.1	0.3
ZAH9C4	**30.6**	1.0	0.3	**79.3**	0.1	0.7	**17.0**	0.0	1.0	**103.9**	0.1	0.1	**25.4**	0.2	0.2

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	27.0	76.4	17.4	101.2	24.4
Median Abs Dev	1.4	13.4	8.1	13.4	1.6
Avg Within Lab SD	1.5	3.1	1.4	7.2	2.2
Labs Included	42	43	43	41	42
Labs Reporting	44	44	44	44	44

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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
4G8ZB8	**26.2**	0.0	0.3	**66.9**	0.0	0.3	**6.0**	-1.1	0.4	**90.1**	-0.1	0.1	**22.0**	0.0	0.3
BZXGJ9	**18.1**	-0.7	0.3	**42.5**	-0.8	0.3	**8.9**	-0.8	0.2	**45.3**	-1.6	0.1	**18.1**	-1.0	0.2
CWVXUF	**43.4**	1.5	1.2	**97.2**	1.0	1.2	**32.0**	1.3	0.6	**127.3**	1.1	1.2	**25.0**	0.7	1.5
GA76WG	**25.0**	-0.1	0.1	**52.8**	-0.5	0.2	**28.7**	1.0	0.2	**82.0**	-0.4	0.1	**25.7**	0.9	0.2
GK293W	**45.3**	1.7	2.0	**97.9**	1.0	2.2	**17.6**	0.0	2.5	**118.9**	0.8	2.3	**20.1**	-0.5	2.1
HLE8VJ	**32.0**	0.5	0.6	**86.6**	0.7	0.2	**19.7**	0.2	0.2	**111.3**	0.6	0.5	**18.9**	-0.8	0.4
ZF42QN	**24.0**	-0.2		**46.0**	-0.7	0.7	**14.7**	-0.3	0.3	**93.7**	0.0	0.3	**25.7**	0.9	0.3

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	26.2	66.9	17.6	93.7	22.0
Median Abs Dev	5.8	20.9	8.7	17.6	3.1
Avg Within Lab SD	1.7	2.8	2.1	4.4	2.0
Labs Included	7	7	7	7	7
Labs Reporting	7	7	7	7	7

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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
BZXGJ9	**18.1**		0.3	**42.5**		0.3	**8.9**		0.9	**45.3**		0.2	**18.1**		0.9
LCWXX2	**27.9**		1.8	**73.7**		0.3	**14.2**		0.0	**107.4**		0.7	**22.8**		0.7
WGDABY	**31.5**		0.7	**86.8**		1.0	**31.0**		1.4	**114.8**		1.3	**25.1**		1.2
XFC7BF	**25.5**		0.6	**67.5**		1.7	**24.8**		1.2	**84.6**		1.4	**23.4**		1.2

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	26.7	70.6	19.5	96.0	23.1
Median Abs Dev					
Avg Within Lab SD	1.4	2.7	0.4	2.6	0.5
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**30.4**		1.4	**85.9**		1.4	**18.3**		1.3	**103.9**		1.4	**21.7**		1.4
BZXGJ9	**18.1**		0.3	**42.5**		0.2	**8.9**		0.6	**45.3**		0.1	**18.1**		0.3

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	24.2	64.2	13.6	74.6	19.9
Median Abs Dev					
Avg Within Lab SD	1.7	4.8	0.6	5.7	1.7
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
632WAQ	**3.47**	-0.05	0.12	**11.10**	0.27	0.14	**2.47**	-0.43	0.07	**10.75**	0.00	0.09	**12.17**	-0.04	0.21
7VEVHY	**3.25**	-0.12	0.48	**6.51**	-0.86	0.68	**2.89**	-0.34	1.94	**7.56**	-0.79	2.47	**12.27**	-0.02	2.79
97CDBD	**5.33**	0.59	1.22	**12.90**	0.71	1.36	**3.53**	-0.20	0.07	**12.37**	0.40	0.77	**12.60**	0.06	0.44
AV7VBU	**24.50**	7.06X		**56.00**	11.28X		**13.45**	1.94		**57.25**	11.51X		**87.13**	16.14X	
AW39XM	**3.52**	-0.03	0.17	**11.65**	0.41	0.39	**1.87**	-0.56	0.18	**11.47**	0.18	0.23	**12.34**	0.00	0.19
C94NU3	**3.46**	-0.05	0.32	**11.98**	0.49	0.33	**2.88**	-0.34	0.11	**11.12**	0.09	0.23	**12.06**	-0.06	0.71
CAZ2GV	**2.94**	-0.22	1.02	**11.72**	0.42	0.37	**7.40**	0.63	0.52	**11.89**	0.28	0.26	**12.72**	0.08	0.16
CWVXUF	**3.60**	0.00		**10.00**	0.00		**2.80**	-0.36		**9.90**	-0.21		**10.00**	-0.51	
EL427J	**5.30**	0.57	0.75	**11.23**	0.30	0.10	**4.50**	0.01		**12.67**	0.47	0.32	**15.17**	0.61	0.44
G4Z9CG	**2.57**	-0.35	0.00	**9.81**	-0.05	0.00	**5.20**	0.16	0.00	**9.16**	-0.39	0.00	**9.84**	-0.54	0.00
GK293W	**5.40**	0.61	3.12	**7.60**	-0.59	2.89	**2.70**	-0.38	3.66	**6.33**	-1.09	2.39	**8.87**	-0.75	2.17
J4NJZF	**13.67**	3.40	1.21	**24.67**	3.60	1.92	**9.67**	1.12	0.75	**21.67**	2.70	2.63	**24.00**	2.52	1.90
JBLB7N	**4.33**	0.25	0.60	**9.87**	-0.03	0.89	**7.36**	0.63	0.59	**11.41**	0.16	1.13	**16.35**	0.87	0.69
JC7UDF	**3.90**	0.10	0.33	**7.89**	-0.52	0.12	**2.95**	-0.33	0.14	**8.23**	-0.62	0.07	**11.42**	-0.20	0.46
L78EEJ	**5.46**	0.63	0.51	**9.25**	-0.18	0.85	**5.91**	0.31	0.97	**10.01**	-0.18	0.97	**12.18**	-0.04	1.78
MFNLQD	**3.35**	-0.09	0.10	**13.02**	0.74	0.19	**4.43**	-0.01	0.03	**12.38**	0.40	0.07	**12.61**	0.06	0.08
N29KUM	**3.50**	-0.03	0.21	**8.33**	-0.41	0.75	**1.30**	-0.68	0.13	**8.97**	-0.44	0.16	**13.60**	0.27	0.00
PKVQFJ	**19.09**	5.23	2.34	**26.10**	3.95	1.26	**18.69**	3.07	0.34	**25.21**	3.58	0.93	**26.06**	2.96	1.27
QPMFD2	**3.93**	0.11	0.60	**12.37**	0.58	2.26	**5.30**	0.18	0.91	**13.27**	0.62	0.16	**13.77**	0.31	0.28
R2TT88	**3.41**	-0.06	0.10	**9.88**	-0.03	0.22	**0.34**	-0.89	0.06	**10.49**	-0.06	0.12	**12.18**	-0.03	0.19
RR42LF	**3.39**	-0.07	0.21	**8.80**	-0.29	0.22	**4.97**	0.11	0.23	**9.32**	-0.35	0.37	**10.67**	-0.36	0.04
TEVJP7	**2.70**	-0.30	0.43	**7.38**	-0.64	0.46	**7.47**	0.65	0.08	**5.93**	-1.19	0.18	**0.76**	-2.50	0.11
TJQDKL	**4.23**	0.21	0.48	**6.90**	-0.76	0.33	**3.90**	-0.12	0.34	**7.53**	-0.80	0.30	**10.10**	-0.48	0.40
UR2WJB	**10.33**	2.27	1.21	**14.00**	0.98		**9.33**	1.05	1.98	**15.67**	1.22	1.21	**20.00**	1.65	1.10
UVZB72	**7.33**	1.26	1.21	**10.67**	0.16	0.96	**11.33**	1.48	0.75	**13.00**	0.56		**20.00**	1.65	1.10
WGDABY	**2.13**	-0.50	0.32	**8.93**	-0.26	0.25	**1.53**	-0.63	0.07	**9.93**	-0.20	0.58	**16.33**	0.86	0.63

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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
XEYU96	**6.33**	0.92	0.32	**13.17**	0.78	0.10	**12.23**	1.68	0.07	**13.37**	0.65	0.32	**13.67**	0.29	0.23
XFC7BF	**3.00**	-0.20	1.05	**9.13**	-0.21	0.07	**1.73**	-0.59	0.23	**8.54**	-0.55	0.34	**10.00**	-0.51	0.49

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	3.60	10.00	4.47	10.8	12.3
Median Abs Dev	0.66	1.72	2.30	1.8	1.7
Avg Within Lab SD	0.48	0.60	0.77	1.0	0.9
Labs Included	27	27	28	27	27
Labs Reporting	28	28	28	28	28

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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**60.0**	-1.7	0.4	**56.7**	-1.4	0.3	**42.0**	-0.8	0.6	**36.0**	-0.7	0.6	**7.3**	-0.1	0.7
3GRCDM	**198.6**	3.8	0.3	**75.7**	-0.9	1.3	**43.6**	-0.7	1.7	**40.1**	-0.2	0.4	**3.6**	-1.8	0.1
667R8V	**87.7**	-0.6	0.5	**122.3**	0.4	1.4	**51.0**	0.2		**39.3**	-0.3	1.0	**9.3**	0.8	0.7
68ZFPQ	**85.5**	-0.6	0.5	**106.3**	0.0	1.0	**43.4**	-0.7	0.4	**37.6**	-0.5	0.3	**6.3**	-0.6	0.3
7VEVHY	**117.2**	0.6	2.2	**149.5**	1.2	2.1	**57.8**	0.9	1.8	**48.0**	0.7	3.0	**9.7**	0.9	1.3
8WPZU3	**103.0**	0.0	0.4	**132.3**	0.7	0.8	**48.0**	-0.2	1.0	**43.3**	0.2	1.0	**5.3**	-1.0	0.7
CAZ2GV	**121.6**	0.8	3.7	**44.1**	-1.7	1.5	**60.1**	1.2	0.8	**60.9**	2.3	2.2	**8.2**	0.2	0.6
CVZFUY	**102.3**	0.0	0.0	**140.1**	0.9	0.0	**54.4**	0.6	0.1	**40.8**	-0.1	0.1	**6.7**	-0.4	0.0
DP8FCX	**95.7**	-0.2	0.3	**99.6**	-0.2	0.1	**44.4**	-0.6	0.2	**38.0**	-0.5	0.4	**8.3**	0.3	0.2
E9JJDF	**100.7**	0.0	0.2	**128.7**	0.6	0.7	**46.3**	-0.3	0.3	**41.0**	-0.1		**6.0**	-0.7	
EL427J	**113.7**	0.5	0.2	**113.3**	0.2	0.7	**47.3**	-0.2	0.7	**42.0**	0.0	0.6	**7.0**	-0.3	
GA76WG	**107.3**	0.2	0.5	**126.7**	0.6	0.5	**47.4**	-0.2	0.6	**41.7**	0.0	0.8	**10.1**	1.1	0.2
HAKLTV	**125.0**	0.9	0.8	**113.0**	0.2	2.0	**67.7**	2.0	2.1	**61.3**	2.3	1.3	**11.3**	1.6	1.9
HLE8VJ	**104.4**	0.1	1.6	**54.4**	-1.5	0.8	**59.7**	1.1	0.5	**56.4**	1.7	0.4	**7.2**	-0.2	0.4
JBLB7N	**8.0**	-3.7	0.3	**64.0**	-1.2	0.3	**31.7**	-2.0	2.0	**31.1**	-1.3	1.2	**4.7**	-1.3	0.4
JC7UDF	**87.4**	-0.6	1.0	**106.1**	0.0	0.3	**57.0**	0.8	0.9	**48.2**	0.8	0.3	**6.8**	-0.4	0.1
JWQRU7	**101.3**	0.0	0.6	**131.7**	0.7	0.6	**46.0**	-0.4	0.6	**40.7**	-0.1	0.7	**5.3**	-1.0	0.7
JYVJLJ	**102.0**	0.0		**139.3**	0.9	0.3	**48.5**	-0.1	1.3	**41.5**	0.0	0.5	**9.5**	0.8	
JZRX9C	**100.7**	0.0	0.3	**97.3**	-0.3	0.2	**53.7**	0.5	1.5	**47.7**	0.7	0.4	**9.3**	0.8	0.7
N29KUM	**81.9**	-0.8	0.3	**149.4**	1.2	1.6	**47.3**	-0.2	0.3	**39.1**	-0.3	1.1	**7.6**	0.0	0.1
PKVQFJ	**101.7**	0.0	0.1	**106.3**	0.0	0.3	**52.6**	0.4	0.7	**46.1**	0.5	0.6	**7.7**	0.0	0.6
TJQDKL	**104.3**	0.1	0.1	**131.3**	0.7	1.0	**54.7**	0.6	0.3	**45.7**	0.5	0.4	**8.3**	0.3	0.7
UR2WJB	**109.0**	0.3	0.9	**94.0**	-0.3	1.1	**50.3**	0.1	0.9	**40.3**	-0.2	1.3	**4.7**	-1.3	3.6
WGDABY	**101.0**	0.0	0.2	**55.0**	-1.4	0.3	**59.3**	1.1	0.9	**55.3**	1.6	0.4	**9.1**	0.7	0.2
X3RNHC	**95.7**	-0.2	0.3	**101.4**	-0.1	0.3	**55.9**	0.7	0.3	**44.4**	0.3	0.8	**9.7**	0.9	0.4
XFC7BF	**119.7**	0.7	1.0	**88.3**	-0.5	2.2	**62.0**	1.4	0.4	**55.2**	1.6	0.3	**8.3**	0.3	0.2

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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
YX9DHD	**119.7**	0.7	0.3	**92.7**	-0.4	0.3	**45.3**	-0.5	0.3	**47.3**	0.7	0.7	**7.0**	-0.3	
ZF42QN	**62.0**	-1.6	0.4	**126.3**	0.6	0.2	**45.0**	-0.5	1.2	**37.0**	-0.6	0.6	**9.0**	0.6	

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	101.9	106.3	49.4	41.9	7.65
Median Abs Dev	9.5	21.3	5.0	4.1	1.42
Avg Within Lab SD	4.9	3.3	1.7	1.6	0.80
Labs Included	28	28	28	28	28
Labs Reporting	28	28	28	28	28

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
PKWW77	**73.8**		1.1	**32.4**		1.1	**46.2**		1.2	**42.2**		0.6	**9.2**		1.4
QPMFD2	**34.1**		0.5	**41.6**		0.8	**52.3**		0.7	**46.0**		1.6	**9.1**		0.4
TEVJP7	**86.7**		1.2	**58.3**		1.5	**47.7**		1.4	**6.7**		1.0	**45.3**		1.4
YPCE8R	**115.9**		1.1	**23.7**		0.0	**65.8**		0.4	**60.1**		0.4	**4.8**		0.0

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	80.3	37.0	50.0	44.1	9.15
Median Abs Dev					
Avg Within Lab SD	3.2	2.4	1.5	1.6	1.10
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**59.7**	-0.7	0.6	**45.8**	-0.2	0.5	**29.6**	0.5	1.0	**23.2**	0.0	0.7	**11.7**	3.8	1.1
3GRCDM	**61.2**	-0.6	0.2	**46.5**	-0.2	0.1	**21.5**	-0.5	0.0	**18.9**	-0.7	0.7	**3.5**	-0.2	0.2
3UZ3DA	**60.5**	-0.6	0.6	**38.5**	-0.6	0.5	**17.7**	-1.0	0.5	**17.4**	-0.9	1.7	**6.0**	1.0	1.1
4G8ZB8	**84.2**	1.3	0.3	**67.6**	1.0	0.1	**30.2**	0.6	0.7	**28.3**	0.8	0.3	**3.9**	0.0	0.4
667R8V	**65.3**	-0.2	1.2	**39.3**	-0.6	0.2	**23.3**	-0.3	0.7	**18.0**	-0.8	0.9	**5.3**	0.7	1.0
7VEVHY	**69.4**	0.1	2.3	**42.8**	-0.4	0.6	**22.1**	-0.4	0.7	**19.3**	-0.6	1.4	**3.4**	-0.2	1.5
97CDBD	**70.0**	0.1	1.0	**65.3**	0.9	2.2	**25.4**	0.0	0.4	**27.3**	0.7	0.5	**3.3**	-0.3	1.1
97NAFH	**67.0**	-0.1	0.5	**54.4**	0.3	0.2	**22.5**	-0.4	0.6	**20.5**	-0.4	0.1	**4.3**	0.2	1.1
AVLC43	**94.0**	2.0X	3.5	**89.0**	2.2X	3.2	**56.0**	4.0X	0.6	**45.3**	3.6X	4.4	**17.3**	6.5X	1.0
BWWDRL	**87.0**	1.5	1.9	**69.2**	1.1	0.6	**37.5**	1.6	2.4	**25.8**	0.4	2.8	**5.2**	0.6	0.4
BZXGJ9	**28.1**	-3.2X	0.2	**13.3**	-2.0	0.0	**10.3**	-2.0	0.1	**12.5**	-1.7	0.3	**0.4**	-1.7	0.5
C94NU3	**68.5**	0.0	0.1	**60.7**	0.6	0.2	**29.7**	0.6	0.2	**28.4**	0.8	0.2	**9.0**	2.5	0.4
DNU9NV	**72.3**	0.3	0.1	**49.1**	0.0	0.1	**20.6**	-0.6	0.3	**20.3**	-0.5	0.3	**3.8**	0.0	0.1
EL427J	**58.0**	-0.8	0.4	**35.0**	-0.8	0.3	**7.0**	-2.4		**18.0**	-0.8		**16.0**	5.8X	1.7
GK293W	**59.0**	-0.7	2.7	**64.4**	0.8	4.0	**32.0**	0.9	2.8	**25.3**	0.3	1.1	**6.5**	1.3	2.3
HLE8VJ	**58.3**	-0.8	0.5	**53.8**	0.2	0.2	**21.6**	-0.5	0.7	**19.8**	-0.5	0.3	**3.2**	-0.3	0.4
J4NJZF	**72.7**	0.3	0.4	**67.0**	1.0		**34.0**	1.1	1.1	**28.0**	0.8	0.9	**3.0**	-0.4	
JBLB7N	**88.5**	1.6	1.4	**39.4**	-0.6	0.6	**23.8**	-0.2	1.4	**21.7**	-0.2	0.5	**3.9**	0.0	1.1
JZRX9C	**62.3**	-0.5	1.0	**36.3**	-0.8	0.5	**21.0**	-0.6	0.6	**17.3**	-0.9	0.5	**4.3**	0.2	1.0
KFYB4F	**79.0**	0.8	1.8	**73.3**	1.3	1.5	**33.7**	1.1	2.0	**28.3**	0.8	1.8	**3.5**	-0.2	0.3
LCWXX2	**60.2**	-0.6	0.0	**152.8**	5.8X	0.7	**31.0**	0.7	0.5	**27.3**	0.7	0.0	**2.4**	-0.7	1.7
N29KUM	**66.9**	-0.1	0.3	**38.1**	-0.7	0.4	**20.6**	-0.6	0.5	**19.4**	-0.6	0.8	**3.8**	0.0	0.2
NYXZNY	**69.8**	0.1		**63.8**	0.8		**21.6**	-0.5		**21.7**	-0.2				
PKWW77	**68.0**	0.0	1.3	**56.8**	0.4	1.4	**26.5**	0.1	1.0	**24.8**	0.3	1.3	**3.4**	-0.2	1.0
QPMFD2	**63.7**	-0.4	0.9	**50.3**	0.0	0.5	**25.7**	0.0	0.4	**26.3**	0.5	0.5	**7.7**	1.8	1.0
RR42LF	**78.7**	0.8	0.2	**70.0**	1.1		**27.6**	0.3	0.1	**27.8**	0.8	1.1	**3.3**	-0.3	0.5

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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
TJQDKL	**57.7**	-0.8	0.2	**43.0**	-0.4	0.3	**21.7**	-0.5	0.4	**18.7**	-0.7	0.5	**4.0**	0.1	
UR2WJB	**80.3**	0.9	0.6	**40.7**	-0.5	0.4	**24.3**	-0.1	1.6	**20.3**	-0.5	1.8	**6.0**	1.0	1.7
WGDABY	**58.0**	-0.8	0.8	**48.0**	-0.1	0.3	**27.0**	0.2	0.6	**25.7**	0.4	0.5	**4.8**	0.4	1.3
XEYU96	**94.4**	2.0	0.4	**72.1**	1.3	0.2	**33.8**	1.1	0.1	**32.8**	1.5	0.8	**1.3**	-1.2	0.1
XFC7BF	**73.9**	0.4	0.8	**62.9**	0.7	0.5	**27.5**	0.3	0.9	**27.3**	0.7	1.1	**4.1**	0.1	0.8
YPCE8R	**91.5**	1.8	0.0	**68.1**	1.0	0.2	**29.0**	0.5	0.2	**25.5**	0.4	0.0	**2.7**	-0.6	0.1
YX9DHD	**71.3**	0.2	0.2	**49.0**	0.0	0.6	**30.0**	0.6	0.6	**27.7**	0.7	0.5	**5.0**	0.5	
ZF42QN	**51.0**	-1.4	0.8	**30.3**	-1.1	0.2	**13.3**	-1.6	0.4	**14.3**	-1.4	0.5	**4.3**	0.2	1.0

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	68.3	49.7	25.4	23.2	3.88
Median Abs Dev	7.9	11.4	4.2	4.1	0.71
Avg Within Lab SD	2.6	3.0	1.6	1.2	0.59
Labs Included	32	32	33	33	31
Labs Reporting	34	34	34	34	33

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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
QPMFD2	**58.8**		0.8	**13.1**		0.2	**5.2**		0.3	**23.0**		0.7	**2.9**		0.3
QUFERW	**48.8**		0.9	**17.8**		1.7	**11.8**		1.7	**23.8**		1.3	**1.7**		1.7
WGDABY	**48.0**		1.2	**10.7**		0.3	**9.5**		0.2	**21.3**		1.0	**1.0**		0.1

PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	48.8	13.1	9.50	23.0	1.67
Median Abs Dev					
Avg Within Lab SD	0.8	2.1	1.61	0.6	0.67
Labs Included	3	3	3	3	3
Labs Reporting	3	3	3	3	3

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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
97CDBD	**82.0**		1.3	**59.4**		0.2	**38.0**		1.3	**44.9**		1.3	**5.0**		1.1
KFYB4F	**90.7**		0.6	**173.3**		1.4	**48.7**		0.6	**51.7**		0.5	**4.3**		0.9

PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	86.3	116.4	43.3	48.3	4.63
Median Abs Dev					
Avg Within Lab SD	2.0	29.0	2.5	1.1	0.55
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
667R8V	**206.7**	0.0	1.9	**284.3**	0.4	1.2	**69.0**	-0.6	1.6	**139.3**	-0.7	1.4	**11.7**	0.5	1.5
7VEVHY	**210.3**	0.1	1.1	**293.3**	0.6	0.5	**81.7**	0.4	0.9	**160.7**	0.0	1.2	**10.5**	0.0	0.6
EL427J	**167.3**	-1.5	0.5	**244.3**	-0.5	0.4	**63.3**	-1.1	0.7	**127.3**	-1.0	1.4	**9.7**	-0.4	0.8
JBLB7N	**235.0**	1.1	1.2	**306.4**	0.9	0.8	**84.1**	0.6	1.0	**201.2**	1.3	1.0	**8.5**	-0.9	1.1
N29KUM	**222.1**	0.6	0.3	**296.7**	0.7	0.6	**76.5**	0.0	1.5	**174.7**	0.4	0.4	**11.7**	0.6	0.4
TEVJP7	**174.7**	-1.2	0.9	**194.3**	-1.6	2.2	**128.3**	4.1X	2.2	**9.7**	-4.7X	0.4	**63.7**	23.8X	4.6
TJQDKL	**185.0**	-0.9	0.8	**250.7**	-0.4	0.6	**69.3**	-0.6	0.2	**152.0**	-0.3	0.2	**8.7**	-0.8	0.8
WGDABY	**208.0**	0.0	0.4	**251.0**	-0.4	0.2	**95.0**	1.5	0.4	**194.3**	1.0	0.4	**14.0**	1.6	1.3

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	207.3	267.7	76.5	160.7	10.5
Median Abs Dev	18.6	24.5	7.5	21.3	1.3
Avg Within Lab SD	5.2	4.9	2.3	4.0	0.8
Labs Included	8	8	7	7	7
Labs Reporting	8	8	8	8	8

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PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
LCWXX2	**3.08**		0.45	**0.43**		0.37	**1.35**		0.95	**1.14**		1.17	**0.03**		
R2TT88	**28.66**		1.34	**5.43**		1.37	**9.63**		1.05	**14.15**		0.79	**1.54**		1.00

PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	15.9	2.93	5.49	7.65	0.78
Median Abs Dev					
Avg Within Lab SD	0.2	0.08	0.06	0.19	0.02
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
632WAQ	**3.55**	-0.35	0.13	**9.22**	0.02	0.69	**3.38**	-0.81	0.59	**4.11**	-1.30	0.25	**3.83**	-0.52	0.45
667R8V	**3.69**	-0.32	0.42	**4.84**	-0.99	0.25	**3.69**	-0.70	0.47	**5.95**	-0.74	0.12	**1.87**	-1.25	0.22
67433X	**18.09**	2.66	0.92	**25.43**	3.79	0.65	**14.47**	3.13	0.53	**15.20**	2.07	0.26	**9.37**	1.53	0.24
7VEVHY	**12.67**	1.54	0.88	**13.00**	0.90	1.10	**7.67**	0.71	1.00	**9.33**	0.28	0.76	**7.33**	0.78	2.39
97CDBD	**5.77**	0.11	1.94	**8.67**	-0.10	0.99	**7.13**	0.52	1.67	**10.50**	0.64	1.05	**7.80**	0.95	
BWY4VJ	**15.72**	2.17	0.89	**18.02**	2.07	2.47	**8.51**	1.01	1.79	**14.86**	1.96	2.78	**9.03**	1.41	2.29
CAZ2GV	**3.86**	-0.29	0.06	**6.98**	-0.50	0.13	**4.76**	-0.32	0.02	**8.83**	0.13	0.19	**1.80**	-1.28	0.11
CWVXUF	**15.32**	2.09		**13.31**	0.97		**7.78**	0.75		**9.21**	0.25		**5.24**	0.00	
GA76WG	**8.77**	0.73	2.07	**9.37**	0.06	0.55	**5.23**	-0.15	0.70	**7.20**	-0.36	0.91	**4.80**	-0.16	1.03
HAKLTV	**5.20**	-0.01	1.31	**6.60**	-0.58	1.44	**6.13**	0.17	1.65	**6.67**	-0.53	0.86	**5.00**	-0.09	1.03
JBLB7N	**7.30**	0.43	0.56	**10.03**	0.21	0.55	**8.14**	0.88	0.91	**9.51**	0.34	0.90	**7.35**	0.78	0.29
JZRX9C	**5.24**	0.00	0.60	**7.02**	-0.49	1.51	**5.49**	-0.06	0.55	**9.31**	0.28	0.72	**6.38**	0.42	1.17
KFYB4F	**3.97**	-0.26	0.54	**7.33**	-0.41	0.77	**4.43**	-0.44	0.44	**8.40**	0.00	0.70	**1.87**	-1.25	0.18
N29KUM	**4.00**	-0.26		**9.67**	0.13	0.64	**3.33**	-0.83	1.00	**5.00**	-1.03		**3.67**	-0.58	0.90
PKWW77	**3.17**	-0.43	1.24	**7.17**	-0.45	1.52	**4.30**	-0.49	1.84	**6.83**	-0.48	1.94	**2.70**	-0.94	0.78
RR42LF	**4.94**	-0.06	0.06	**9.11**	0.00	0.02	**5.70**	0.01	0.05	**7.41**	-0.30	0.02	**5.27**	0.01	0.05
TJQDKL	**4.03**	-0.25	0.09	**7.07**	-0.47	0.13	**4.30**	-0.49	0.00	**4.60**	-1.16	0.13	**3.60**	-0.61	0.00
UR2WJB	**5.00**	-0.05		**9.00**	-0.03		**5.67**	0.00	1.00	**8.00**	-0.12		**6.00**	0.28	
XFC7BF	**8.50**	0.67	0.15	**13.00**	0.90	0.19	**8.50**	1.01	0.46	**11.93**	1.07	0.27	**6.77**	0.57	0.24
YX9DHD	**6.67**	0.29	0.88	**5.33**	-0.88	0.64	**10.33**	1.66	1.00	**10.33**	0.59	0.76	**5.67**	0.16	0.90
ZF42QN	**11.00**	1.19	1.53	**10.00**	0.21		**5.67**	0.00	1.00	**6.67**	-0.53	0.76	**3.67**	-0.58	0.90

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	5.24	9.11	5.67	8.40	5.24
Median Abs Dev	1.55	2.05	1.47	1.73	1.57
Avg Within Lab SD	0.65	0.91	0.58	0.76	0.64
Labs Included	21	21	21	21	21
Labs Reporting	21	21	21	21	21

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**352.7**	-1.8	0.5	**123.0**	-0.8	0.3	**162.7**	-1.1	0.6	**371.7**	-0.9	0.2	**71.7**	-0.9	1.0
3GRCDM	**530.7**	1.7	0.6	**168.3**	-0.2	0.5	**170.0**	-0.9	0.7	**453.3**	-0.3	0.9	**90.4**	0.4	0.7
3UZ3DA	**487.0**	0.8	1.4	**179.3**	0.0	3.3	**209.0**	-0.2	2.0	**488.7**	0.0	0.8	**90.6**	0.4	0.8
4G8ZB8	**507.3**	1.3	0.2	**239.7**	0.9	0.4	**266.0**	1.0	0.5	**627.7**	1.1	0.2	**81.3**	-0.2	0.5
667R8V	**439.5**	-0.1	0.8	**153.3**	-0.4	1.2	**209.7**	-0.1	0.4	**413.3**	-0.6	0.5	**83.1**	-0.1	1.1
68ZFPQ	**445.3**	0.0	0.1	**127.3**	-0.8	0.2	**214.3**	0.0	0.2	**489.0**	0.0	0.1	**89.3**	0.3	0.4
7VEVHY	**423.3**	-0.4	0.6	**163.0**	-0.2	1.0	**186.0**	-0.6	2.3	**414.3**	-0.6	1.5	**92.7**	0.6	0.8
8WPZU3	**375.1**	-1.4	0.9	**127.6**	-0.8	0.7	**168.4**	-1.0	2.3	**370.0**	-0.9	0.6	**75.1**	-0.7	1.4
97CDBD	**518.7**	1.5	0.2	**270.0**	1.4	1.6	**268.7**	1.0	2.3	**633.3**	1.1	0.3			
97NAFH	**464.9**	0.4	0.0	**237.5**	0.9	0.3	**244.3**	0.5	0.8	**593.1**	0.8	0.4	**78.3**	-0.5	0.4
AVLC43	**469.3**	0.5	0.6	**232.0**	0.8	0.8	**241.7**	0.5	0.8	**554.7**	0.5	0.6	**70.0**	-1.0	0.3
BWWDRL	**448.2**	0.1	1.0	**201.8**	0.3	0.8	**250.1**	0.7	1.2	**567.5**	0.6	1.3	**84.9**	0.0	0.6
BZXGJ9	**371.8**	-1.4	0.9	**198.1**	0.3	0.8	**213.8**	-0.1	0.8	**535.0**	0.4	1.1	**67.5**	-1.2	0.7
C94NU3	**491.3**	0.9	0.5	**234.7**	0.8	0.2	**257.1**	0.8	0.3	**590.1**	0.8	0.3	**86.2**	0.1	0.2
CAZ2GV	**471.5**	0.5	0.5	**230.4**	0.8	0.7	**245.8**	0.6	0.9	**595.2**	0.8	0.9	**74.4**	-0.7	0.4
CVZFUY	**454.8**	0.2	0.0	**158.3**	-0.3	0.0	**228.2**	0.2	0.0	**450.6**	-0.3	0.0	**89.0**	0.3	0.0
DNU9NV	**402.1**	-0.8	0.2	**146.3**	-0.5	0.9	**159.4**	-1.1	0.3	**403.9**	-0.7	2.3	**100.8**	1.1	2.3
DP8FCX	**425.4**	-0.4	0.5	**127.1**	-0.8	0.4	**190.7**	-0.5	0.4	**436.7**	-0.4	0.7	**82.8**	-0.1	0.4
E9JJDF	**404.1**	-0.8	0.5	**135.5**	-0.7	0.6	**158.4**	-1.1	1.0	**362.3**	-1.0	0.3	**81.0**	-0.3	0.5
EL427J	**431.0**	-0.3	1.2	**142.3**	-0.6	0.9	**173.7**	-0.8	0.7	**417.7**	-0.6	0.7	**76.9**	-0.6	0.8
FJX2KD	**504.6**	1.2	0.9	**262.2**	1.2	0.2	**263.0**	0.9	0.4	**656.1**	1.3	3.0	**84.7**	0.0	0.3
GA76WG	**419.8**	-0.5	0.5	**151.7**	-0.4	0.2	**192.9**	-0.5	0.6	**426.6**	-0.5	0.4	**89.8**	0.4	0.8
GK293W	**395.8**	-1.0	1.2	**157.1**	-0.3	1.7	**175.8**	-0.8	0.9	**427.6**	-0.5	1.9	**38.8**	-3.3	0.3
HAKLTV	**433.0**	-0.2	2.1	**132.3**	-0.7	0.6	**193.3**	-0.5	1.0	**409.7**	-0.6	1.2	**91.3**	0.5	0.5
HLE8VJ	**465.2**	0.4	0.2	**268.9**	1.3	0.6	**290.4**	1.4	0.3	**629.0**	1.1	0.0	**89.8**	0.4	0.6
JBLB7N	**461.0**	0.3	0.2	**156.6**	-0.3	0.2	**205.2**	-0.2	0.4	**463.0**	-0.2	0.4	**87.0**	0.2	0.6

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
JC7UDF	**443.7**	0.0	0.7	**235.2**	0.8	0.4	**240.5**	0.5	0.2	**574.9**	0.7	0.1	**84.9**	0.0	0.2
JWQRU7	**407.3**	-0.7	0.1	**137.2**	-0.6	0.9	**148.6**	-1.3	1.2	**354.3**	-1.0	0.2	**73.4**	-0.8	0.9
JZRX9C	**441.3**	-0.1	1.4	**155.7**	-0.4	1.2	**197.7**	-0.4	0.4	**477.3**	-0.1	1.3	**86.0**	0.1	0.6
KCY8CT	**441.7**	-0.1	0.6	**230.6**	0.8	0.6	**241.2**	0.5	0.6	**581.2**	0.7	0.9	**85.6**	0.1	0.9
KFYB4F	**426.7**	-0.4	0.9	**223.3**	0.7	0.8	**240.0**	0.5	1.6	**543.3**	0.4	1.1	**76.0**	-0.6	1.8
LCWXX2	**498.4**	1.1	1.8	**281.5**	1.5	2.9	**232.4**	0.3	0.3	**233.2**	-2.0	0.1	**530.9**	31.6X	3.5
N29KUM	**379.7**	-1.3	0.9	**126.3**	-0.8	0.4	**161.7**	-1.1	0.5	**346.0**	-1.1	0.8	**79.0**	-0.4	1.2
NYXZNY	**619.0**	3.5X		**308.0**	1.9		**352.0**	2.7		**752.0**	2.1		**97.0**	0.9	
PKWW77	**451.0**	0.1	0.9	**214.7**	0.5	0.2	**246.0**	0.6	1.7	**574.3**	0.7	0.9	**78.3**	-0.5	1.3
QPMFD2	**440.0**	-0.1	1.0	**218.7**	0.6	0.6	**231.0**	0.3	0.4	**552.7**	0.5	0.6	**76.0**	-0.6	1.7
RR42LF	**490.9**	0.9	0.2	**270.6**	1.4	0.9	**283.6**	1.3	0.6	**625.2**	1.1	0.3	**100.1**	1.1	0.1
TEVJP7	**573.0**	2.6	2.0	**181.0**	0.0	0.4	**553.3**	6.6X	3.7	**103.7**	-3.0X	0.8	**196.3**	7.9	2.2
TJQDKL	**415.0**	-0.6	0.2	**133.0**	-0.7	0.1	**179.3**	-0.7	0.3	**429.0**	-0.5	0.3	**89.3**	0.3	0.2
UR2WJB	**451.0**	0.1	0.6	**138.7**	-0.6	2.0	**189.0**	-0.5	0.7	**403.3**	-0.7	0.9	**88.3**	0.3	2.5
X3RNHC	**412.0**	-0.6	0.1	**145.1**	-0.5	0.1	**195.1**	-0.4	0.1	**425.2**	-0.5	0.8	**84.0**	-0.1	0.1
XEYU96	**453.3**	0.2	3.6	**191.0**	0.2	1.3	**241.3**	0.5	0.4	**561.7**	0.6	0.2	**76.7**	-0.6	0.4
XFC7BF	**458.5**	0.3	0.5	**250.5**	1.1	0.1	**250.1**	0.7	0.7	**542.7**	0.4	0.3	**85.1**	0.0	0.7
YPCE8R	**409.1**	-0.7	0.3	**204.5**	0.4	0.1	**219.2**	0.0	0.7	**506.8**	0.1	0.5	**75.4**	-0.7	0.5
YX9DHD	**491.7**	0.9	0.9	**176.3**	0.0	0.2	**224.0**	0.1	1.1	**511.3**	0.2	1.8	**92.7**	0.6	0.4
ZAH9C4	**467.6**	0.5	0.8	**239.9**	0.9	1.1	**242.4**	0.5	0.3	**568.3**	0.6	2.2	**77.9**	-0.5	1.1
ZF42QN	**405.7**	-0.8	0.9	**128.7**	-0.8	0.8	**165.7**	-1.0	1.9	**406.7**	-0.6	0.1	**81.0**	-0.3	2.0

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	444.5	179.3	216.8	488.8	84.7
Median Abs Dev	25.9	44.0	28.4	78.9	5.9
Avg Within Lab SD	13.5	6.8	6.1	13.4	3.0
Labs Included	46	47	46	46	45
Labs Reporting	47	47	47	47	46

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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**4,179.3**	-0.3	0.1	**2,092.7**	-0.7	0.5	**1,302.0**	-1.2	0.5	**1,455.0**	-0.8	0.7	**306.3**	-0.9	0.4
3GRCDM	**5,419.7**	0.8	0.3	**2,617.7**	-0.1	0.4	**1,412.3**	-0.9	0.3	**1,857.7**	0.1	0.7	**419.3**	0.9	0.2
3UZ3DA	**5,465.7**	0.9	0.8	**2,773.3**	0.1	3.4	**1,749.0**	0.0	2.2	**1,795.7**	-0.1	1.2	**393.7**	0.5	2.0
4G8ZB8	**3,525.7**	-0.9	0.2	**2,762.0**	0.1	0.2	**1,853.0**	0.3	1.0	**2,004.7**	0.4	1.4	**317.0**	-0.7	1.2
667R8V	**4,598.7**	0.1	0.1	**2,147.3**	-0.7	1.0	**1,582.7**	-0.5	0.0	**1,445.7**	-0.8	0.3	**389.4**	0.4	0.2
68ZFPQ	**3,774.0**	-0.7	0.0	**2,054.0**	-0.8	0.1	**1,565.7**	-0.5	0.1	**1,651.7**	-0.4	0.1	**385.0**	0.4	0.2
7VEVHY	**5,195.0**	0.6	0.5	**2,356.7**	-0.4	1.1	**1,544.3**	-0.6	0.2	**1,643.3**	-0.4	1.7	**350.0**	-0.2	1.6
8WPZU3	**3,685.8**	-0.7	0.1	**1,882.6**	-1.0	1.2	**1,375.4**	-1.0	2.1	**1,376.2**	-1.0	0.3	**339.6**	-0.4	0.5
97CDBD	**5,150.3**	0.6	1.0	**3,654.0**	1.1	1.1	**2,044.7**	0.8	1.9	**2,278.0**	1.0	1.1	**330.3**	-0.5	0.5
97NAFH	**5,175.4**	0.6	0.1	**3,723.5**	1.2	0.5	**1,950.2**	0.5	0.3	**2,113.5**	0.7	0.3	**331.9**	-0.5	0.2
AVLC43	**4,886.7**	0.3	0.3	**3,216.7**	0.6	0.6	**1,740.0**	0.0	0.5	**1,836.7**	0.0	0.7	**286.7**	-1.2	0.2
BWWDRL	**3,530.1**	-0.9	0.1	**2,655.9**	-0.1	0.5	**1,791.3**	0.1	0.6	**1,935.3**	0.3	0.6	**352.9**	-0.2	0.1
BZXGJ9	**3,319.2**	-1.1	0.3	**2,826.9**	0.1	0.8	**1,755.3**	0.0	1.6	**2,008.6**	0.4	1.0	**329.3**	-0.5	0.7
C94NU3	**3,956.0**	-0.5	0.1	**2,846.7**	0.2	0.1	**1,868.5**	0.3	1.0	**1,939.4**	0.3	0.1	**311.1**	-0.8	0.1
CAZ2GV	**4,354.3**	-0.1	0.6	**3,779.5**	1.3	1.9	**2,059.9**	0.8	0.6	**2,366.4**	1.2	1.2	**363.7**	0.0	0.4
DNU9NV	**3,469.7**	-0.9	6.0	**1,988.0**	-0.9	0.4	**1,387.3**	-1.0	0.6	**1,345.0**	-1.1	1.5	**396.6**	0.5	1.7
DP8FCX	**4,116.1**	-0.3	0.1	**2,773.6**	0.1	0.6	**1,444.5**	-0.8	0.0	**1,505.9**	-0.7	0.6	**460.0**	1.6	2.0
E9JJDF	**3,682.1**	-0.7	0.4	**1,812.3**	-1.1	0.6	**1,409.3**	-0.9	1.1	**1,540.6**	-0.6	0.1	**440.4**	1.3	0.8
EL427J	**4,506.7**	0.0	0.3	**2,123.3**	-0.7	0.3	**1,425.7**	-0.9	1.1	**1,467.0**	-0.8	1.2	**362.3**	0.0	1.0
FJX2KD	**7,195.7**	2.4	0.5	**4,175.8**	1.7	0.5	**2,131.0**	1.0	0.3	**2,384.5**	1.3	1.4	**371.3**	0.1	0.4
GA76WG	**5,145.8**	0.6	0.6	**2,349.2**	-0.4	0.4	**1,592.4**	-0.4	0.9	**1,617.2**	-0.5	0.9	**398.9**	0.6	0.4
GK293W	**3,416.1**	-1.0	0.4	**2,748.4**	0.0	1.3	**1,883.3**	0.4	0.9	**2,045.1**	0.5	1.0	**294.9**	-1.1	1.1
HAKLTV	**4,757.0**	0.2	0.7	**1,971.0**	-0.9	0.8	**1,456.0**	-0.8	1.5	**1,366.3**	-1.0	1.9	**367.7**	0.1	0.8
HLE8VJ	**5,686.0**	1.0	0.2	**3,706.1**	1.2	0.3	**1,860.0**	0.3	0.5	**2,028.5**	0.5	0.1	**316.7**	-0.8	0.1
JBLB7N	**5,443.3**	0.8	0.2	**2,134.3**	-0.7	0.7	**1,649.0**	-0.3	0.5	**1,768.0**	-0.1	1.0	**376.7**	0.2	0.5
JC7UDF	**345.4**	-3.7X	0.0	**267.0**	-2.9X	0.0	**174.5**	-4.3X	0.0	**339.5**	-3.3X	0.0	**84.3**	-4.5X	0.0

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
JWQRU7	**3,562.2**	-0.8	0.2	**1,823.2**	-1.0	0.9	**1,212.6**	-1.5	0.5	**1,242.7**	-1.3	0.5	**375.8**	0.2	1.4
JZRX9C	**4,945.0**	0.4	0.3	**1,953.8**	-0.9	0.5	**1,297.9**	-1.2	1.3	**1,454.7**	-0.8	2.7	**307.3**	-0.9	0.9
KCY8CT	**353.1**	-3.7X	0.0	**269.7**	-2.9X	0.1	**171.5**	-4.3X	0.1	**341.4**	-3.3X	0.1	**84.7**	-4.5X	0.1
KFYB4F	**5,066.7**	0.5	0.5	**3,733.3**	1.2	0.6	**1,900.0**	0.4		**2,000.0**	0.4		**286.7**	-1.2	1.1
LCWXX2	**4,073.2**	-0.4	0.4	**3,197.3**	0.6	0.7	**1,811.3**	0.2	1.2	**1,953.3**	0.3	0.3	**360.6**	0.0	0.2
N29KUM	**2,980.0**	-1.4	0.2	**1,716.7**	-1.2	0.6	**1,343.3**	-1.1	0.3	**1,276.7**	-1.2	0.9	**276.7**	-1.4	1.8
PKWW77	**3,149.0**	-1.2	0.3	**2,516.7**	-0.2	0.3	**1,786.7**	0.1	0.9	**1,934.3**	0.3	0.9	**328.3**	-0.6	1.0
QPMFD2	**4,773.3**	0.2	0.2	**3,273.3**	0.7	1.1	**1,933.3**	0.5	0.8	**1,986.3**	0.4	2.2	**393.3**	0.5	2.9
RR42LF	**3,767.8**	-0.7	0.1	**3,064.5**	0.4	0.1	**1,990.6**	0.7	0.3	**2,146.0**	0.7	0.1	**413.1**	0.8	0.3
TEVJP7	**5,660.7**	1.0	0.1	**2,694.3**	0.0	1.2	**1,967.3**	0.6	0.6	**511.3**	-2.9	0.2	**1,607.7**	20.2X	1.8
TJQDKL	**4,168.0**	-0.3	0.0	**2,750.7**	0.1	0.6	**1,410.0**	-0.9	0.1	**1,589.3**	-0.5	0.2	**410.7**	0.8	0.1
UR2WJB	**3,703.0**	-0.7	0.3	**1,841.7**	-1.0	1.8	**1,364.7**	-1.0	0.5	**1,328.7**	-1.1	0.6	**346.3**	-0.3	0.3
X3RNHC	**4,423.7**	-0.1	0.1	**2,173.0**	-0.6	0.4	**1,594.0**	-0.4	0.2	**1,692.0**	-0.3	0.2	**410.9**	0.8	0.2
XEYU96	**5,073.3**	0.5	0.9	**3,043.3**	0.4	1.5	**1,941.0**	0.5	0.7	**2,065.7**	0.5	0.1	**373.0**	0.2	1.8
XFC7BF	**4,876.4**	0.3	0.3	**3,370.7**	0.8	1.0	**1,946.9**	0.5	0.7	**2,015.4**	0.4	0.2	**374.4**	0.2	0.5
YPCE8R	**5,376.9**	0.8	0.2	**3,643.6**	1.1	0.2	**2,302.2**	1.5	1.5	**1,819.9**	0.0	0.3	**367.9**	0.1	0.5
YX9DHD	**5,800.0**	1.1	0.3	**2,706.7**	0.0	0.3	**1,916.7**	0.5	1.9	**2,066.7**	0.6	1.1	**484.0**	2.0	1.0
ZAH9C4	**5,743.6**	1.1	1.1	**3,744.7**	1.2	2.0	**1,946.2**	0.5	1.1	**2,076.7**	0.6	1.1	**332.4**	-0.5	0.2
ZF42QN	**3,949.3**	-0.5	0.3	**1,402.0**	-1.5	1.0	**884.3**	-2.4	1.3	**962.0**	-1.9	0.1	**150.3**	-3.4	0.6

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	4,506.7	2,706.7	1,749.0	1,819.9	363.0
Median Abs Dev	732.7	572.3	201.2	245.8	33.1
Avg Within Lab SD	320.4	91.6	54.5	54.9	14.3
Labs Included	43	43	43	43	42
Labs Reporting	45	45	45	45	45

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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**328.7**	-0.1	0.3	**169.7**	-0.8	1.0	**114.7**	-0.8	0.5	**235.0**	-0.8	1.0	**70.3**	-0.6	0.8
3GRCDM	**396.0**	1.5	0.5	**196.0**	-0.4	0.6	**116.0**	-0.8	0.2	**290.0**	0.1	0.8	**91.6**	0.9	0.5
3UZ3DA	**372.0**	0.9	1.8	**224.7**	0.0	1.4	**143.7**	0.0	1.6	**286.3**	0.0	1.1	**85.7**	0.5	0.9
4G8ZB8	**326.0**	-0.2	0.5	**226.0**	0.1	0.3	**142.0**	0.0	0.4	**300.7**	0.2	0.2	**66.3**	-0.9	0.4
667R8V	**331.0**	-0.1	0.8	**191.7**	-0.5	1.3	**135.7**	-0.2	0.1	**234.5**	-0.8	0.6	**79.5**	0.1	0.8
68ZFPQ	**314.3**	-0.5	0.1	**150.7**	-1.1	0.1	**122.0**	-0.6	0.2	**247.7**	-0.6	0.3	**85.8**	0.5	0.1
7VEVHY	**326.0**	-0.2	0.2	**187.7**	-0.5	0.8	**130.3**	-0.3	1.5	**244.0**	-0.6	1.6	**93.3**	1.0	0.9
8WPZU3	**316.4**	-0.4	0.4	**164.2**	-0.9	1.2	**122.9**	-0.6	1.9	**225.4**	-0.9	0.3	**76.6**	-0.1	0.7
97CDBD	**373.7**	0.9	1.2	**301.0**	1.2	1.6	**165.0**	0.7	2.1	**348.0**	0.9	1.1	**69.7**	-0.6	1.1
97NAFH	**350.6**	0.4	0.1	**271.2**	0.8	0.4	**155.4**	0.4	0.5	**330.1**	0.7	0.3	**69.6**	-0.6	0.4
AVLC43	**340.7**	0.2	0.7	**243.7**	0.3	0.6	**140.7**	0.0	0.5	**288.0**	0.0	0.5	**59.7**	-1.3	0.4
BWWDRL	**319.4**	-0.4	1.4	**225.9**	0.1	0.9	**146.4**	0.1	0.9	**305.2**	0.3	1.1	**76.2**	-0.2	0.4
BZXGJ9	**264.7**	-1.7	0.6	**213.6**	-0.1	0.6	**131.8**	-0.3	1.0	**279.0**	-0.1	0.9	**60.3**	-1.3	0.6
C94NU3	**330.0**	-0.1	0.1	**240.8**	0.3	0.1	**147.4**	0.2	0.2	**309.7**	0.3	0.3	**67.9**	-0.8	0.3
CAZ2GV	**348.1**	0.3	1.2	**271.3**	0.8	0.8	**155.2**	0.4	0.8	**333.5**	0.7	1.0	**69.8**	-0.6	0.3
DNU9NV	**318.0**	-0.4	1.7	**171.7**	-0.8	0.1	**124.3**	-0.5	0.3	**235.4**	-0.8	1.5	**81.4**	0.2	1.0
DP8FCX	**336.6**	0.1	0.4	**202.8**	-0.3	0.5	**128.4**	-0.4	0.2	**245.2**	-0.6	0.7	**83.5**	0.3	0.6
E9JJDF	**339.5**	0.1	0.6	**166.9**	-0.9	0.9	**135.6**	-0.2	0.4	**257.7**	-0.4	0.7	**91.2**	0.9	0.4
EL427J	**332.0**	0.0	0.5	**177.0**	-0.7	0.5	**127.0**	-0.4	0.7	**237.0**	-0.7	0.4	**85.1**	0.5	0.4
FJX2KD	**387.2**	1.3	1.0	**308.6**	1.4	0.4	**167.8**	0.8	0.2	**369.7**	1.2	2.3	**79.7**	0.1	0.8
GA76WG	**343.7**	0.2	0.9	**195.7**	-0.4	0.6	**155.6**	0.4	1.2	**260.3**	-0.4	1.0	**93.0**	1.0	0.8
GK293W	**328.5**	-0.1	0.4	**227.5**	0.1	1.1	**145.0**	0.1	1.0	**296.0**	0.1	1.1	**56.9**	-1.5	1.3
HAKLTV	**350.0**	0.4	0.2	**176.7**	-0.7	0.4	**134.3**	-0.2	1.2	**241.0**	-0.7	1.1	**76.7**	-0.1	1.4
HLE8VJ	**461.7**	3.1	1.8	**350.6**	2.0	0.6	**193.2**	1.5	0.3	**436.0**	2.2	0.2	**88.0**	0.7	0.6
JBLB7N	**380.8**	1.1	0.4	**169.4**	-0.8	0.5	**135.6**	-0.2	0.3	**278.0**	-0.1	0.5	**80.7**	0.2	0.3
JC7UDF	**4,384.3**	96.9X	4.5	**3,435.7**	50.6X	13.6	**2,083.7**	56.7X	1.4	**2,227.3**	28.9X	0.2	**405.7**	23.0X	2.8

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
JWQRU7	**316.6**	-0.4	0.3	**164.6**	-0.9	0.9	**107.8**	-1.0	1.0	**202.6**	-1.2	0.9	**78.6**	0.0	1.4
JZRX9C	**296.2**	-0.9	0.6	**142.4**	-1.2	0.5	**96.5**	-1.3	1.3	**211.8**	-1.1	1.9	**67.9**	-0.8	0.6
KCY8CT	**4,269.7**	94.1X	15.3	**3,425.0**	50.4X	24.9	**2,044.0**	55.6X	20.3	**2,218.3**	28.8X	9.2	**407.0**	23.1X	5.7
KFYB4F	**313.3**	-0.5	1.2	**250.0**	0.4	1.3	**143.3**	0.0	1.2	**293.3**	0.1	1.4	**67.0**	-0.8	1.5
LCWXX2	**319.7**	-0.3	0.1	**243.1**	0.3	0.8	**149.3**	0.2	1.4	**286.8**	0.0	0.6	**76.4**	-0.2	1.3
N29KUM	**304.3**	-0.7	0.6	**157.7**	-1.0	0.9	**106.3**	-1.0	0.3	**211.0**	-1.1	0.6	**66.3**	-0.9	1.8
PKWW77	**325.7**	-0.2	0.8	**225.7**	0.1	0.7	**146.0**	0.1	0.7	**318.0**	0.5	1.2	**68.7**	-0.7	1.2
QPMFD2	**359.0**	0.6	0.7	**270.0**	0.8	0.9	**165.0**	0.7	1.4	**315.7**	0.4	2.6	**84.7**	0.4	0.0
RR42LF	**370.3**	0.9	0.3	**284.7**	1.0	0.2	**173.8**	0.9	0.4	**365.6**	1.2	0.2	**83.7**	0.4	0.3
TEVJP7	**446.7**	2.7	0.4	**221.7**	0.0	0.3	**318.7**	5.2	1.9	**109.0**	-2.6	0.4	**145.7**	4.7	2.4
TJQDKL	**303.3**	-0.7	0.1	**180.3**	-0.7	0.1	**106.3**	-1.0	0.5	**230.7**	-0.8	0.4	**72.7**	-0.4	1.0
UR2WJB	**336.7**	0.1	0.5	**160.0**	-1.0	1.9	**122.0**	-0.6	0.8	**226.7**	-0.9	0.6	**78.0**	0.0	0.4
X3RNHC	**334.1**	0.0	0.1	**183.2**	-0.6	0.2	**140.1**	-0.1	0.2	**263.2**	-0.3	0.3	**84.8**	0.4	0.1
XEYU96	**386.7**	1.3	3.4	**246.3**	0.4	0.9	**240.0**	2.9		**340.0**	0.8		**86.3**	0.5	0.6
XFC7BF	**332.8**	0.0	0.5	**269.2**	0.7	0.4	**159.9**	0.5	0.7	**318.0**	0.5	0.2	**80.2**	0.1	0.5
YPCE8R	**395.5**	1.5	0.3	**307.2**	1.3	0.7	**170.6**	0.8	1.2	**340.1**	0.8	0.9	**84.2**	0.4	0.6
YX9DHD	**404.7**	1.7	0.1	**236.3**	0.2	1.0	**172.3**	0.9	0.7	**320.3**	0.5	1.3	**101.3**	1.6	1.2
ZAH9C4	**382.9**	1.2	2.7	**291.1**	1.1	3.9	**166.1**	0.7	2.0	**336.8**	0.8	0.9	**74.9**	-0.3	2.7
ZF42QN	**303.0**	-0.7	0.7	**149.7**	-1.1	0.7	**109.0**	-1.0	0.8	**219.0**	-1.0	0.1	**65.7**	-0.9	1.6

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	334.1	221.7	142.0	286.3	78.6
Median Abs Dev	17.4	45.0	17.7	43.7	7.7
Avg Within Lab SD	9.7	7.9	4.9	8.4	2.8
Labs Included	43	43	43	43	43
Labs Reporting	45	45	45	45	45

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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**8.0**	-0.2	0.1	**10.7**	-0.1	0.3	**8.0**	-1.1	0.3	**9.0**	-0.9	0.1	**8.2**	-0.5	0.2
3GRCDM	**34.6**	3.2	2.9	**26.7**	2.1	0.0	**29.1**	1.5	0.8	**33.2**	2.1	0.8	**30.5**	2.3	1.0
3UZ3DA	**13.2**	0.5	2.3	**13.8**	0.4	1.9	**17.2**	0.1	2.2	**21.0**	0.6	1.7	**20.5**	1.0	1.7
4G8ZB8	**10.3**	0.1	0.6	**12.0**	0.1	1.0	**17.3**	0.1	1.1	**18.3**	0.2	0.8	**10.7**	-0.2	1.2
667R8V	**5.9**	-0.4	0.4	**11.0**	0.0	0.3	**14.5**	-0.2	0.9	**11.9**	-0.6	0.3	**12.0**	-0.1	0.9
7VEVHY	**5.0**	-0.5	0.6	**6.3**	-0.6	0.3	**10.7**	-0.7	1.1	**12.3**	-0.5	0.8	**8.3**	-0.5	0.7
8WPZU3	**11.6**	0.3	0.4	**12.0**	0.1	0.5	**16.4**	0.0	0.3	**17.0**	0.1	0.4	**13.8**	0.2	0.2
AVLC43	**66.3**	7.1X	0.6	**45.7**	4.7	1.2	**41.0**	3.0	0.7	**45.3**	3.6	3.5	**21.7**	1.2	0.9
BWWDRL	**30.9**	2.7	2.5	**17.0**	0.8	2.3	**30.0**	1.7	0.6	**29.4**	1.6	1.0	**30.5**	2.3	1.1
BZXGJ9	**2.3**	-0.9	0.1	**5.1**	-0.8	0.6	**10.8**	-0.7	1.7	**12.8**	-0.5	0.6	**4.8**	-1.0	0.3
C94NU3	**7.9**	-0.2	0.6	**19.9**	1.2	0.2	**25.9**	1.2	0.5	**25.2**	1.1	0.5	**16.0**	0.5	0.3
CAZ2GV	**4.5**	-0.6	0.1	**8.5**	-0.3	0.2	**12.5**	-0.5	0.6	**15.5**	-0.1	0.2	**8.0**	-0.6	0.8
DNU9NV	**53.1**	5.5	1.2	**23.0**	1.6	2.3	**39.2**	2.8	1.2	**5.1**	-1.4	1.6	**30.9**	2.3	1.8
E9JJDF	**8.2**	-0.1	0.4	**8.3**	-0.4	0.2	**15.0**	-0.2	0.7	**15.7**	-0.1	0.6	**12.3**	0.0	0.6
EL427J	**8.5**	-0.1	0.1	**8.8**	-0.3	0.2	**14.0**	-0.3	0.3	**14.7**	-0.2	0.3	**11.2**	-0.2	0.3
FJX2KD	**13.4**	0.5	1.4	**17.8**	0.9	1.1	**23.3**	0.8	1.3	**24.9**	1.1	1.1	**18.5**	0.8	1.6
GA76WG	**9.2**	0.0	0.3	**8.3**	-0.4	0.2	**15.3**	-0.2	0.3	**15.8**	-0.1	0.2	**16.7**	0.5	0.2
GK293W	**8.8**	0.0	1.0	**10.7**	-0.1	2.0	**14.2**	-0.3	2.0	**15.2**	-0.2	0.8	**7.4**	-0.6	1.1
HAKLTV	**12.0**	0.3	0.6	**10.0**	-0.1	0.6	**17.0**	0.1	0.7	**16.0**	-0.1	0.5	**10.0**	-0.3	0.6
HLE8VJ	**1.5**	-1.0	0.1	**2.3**	-1.2	0.2	**2.6**	-1.7	0.2	**1.7**	-1.9	0.2	**3.0**	-1.2	0.4
JBLB7N	**12.1**	0.4	1.1	**13.3**	0.3	1.0	**19.4**	0.4	1.6	**21.0**	0.6	0.9	**15.0**	0.3	1.0
JWQRU7	**8.8**	0.0	0.5	**10.0**	-0.1	0.4	**13.4**	-0.4	0.7	**13.3**	-0.4	0.4	**12.1**	0.0	0.4
JZRX9C	**4.4**	-0.6	0.2	**5.0**	-0.8	0.5	**7.2**	-1.1	0.5	**7.7**	-1.1	1.3	**5.2**	-0.9	0.4
KFYB4F	**10.2**	0.1	0.4	**21.3**	1.4	2.1	**19.0**	0.3	1.5	**23.0**	0.8	1.5	**14.3**	0.2	2.1
LCWXX2	**6.0**	-0.4	0.6	**9.6**	-0.2	0.4	**13.3**	-0.4	0.7	**14.6**	-0.2	0.6	**8.0**	-0.6	0.4
N29KUM	**17.0**	1.0	1.0	**18.7**	1.0	0.9	**16.7**	0.0	0.4	**18.3**	0.2	0.3	**17.7**	0.7	0.9

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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
PKWW77	**8.3**	-0.1	0.3	**12.0**	0.1	1.2	**17.0**	0.1	1.5	**17.7**	0.1	0.6	**12.7**	0.0	1.2
QPMFD2	**10.7**	0.2	1.5	**13.0**	0.3	0.8	**16.9**	0.0	1.0	**19.2**	0.3	1.7	**20.7**	1.0	2.3
RR42LF	**6.5**	-0.3	0.0	**7.5**	-0.5	0.0	**12.7**	-0.5	0.1	**15.5**	-0.1	0.2	**8.9**	-0.5	0.0
TEVJP7	**14.0**	0.6	0.6	**11.0**	0.0	0.6	**19.7**	0.4	1.1	**14.7**	-0.2	1.2	**19.0**	0.8	1.5
TJQDKL	**11.3**	0.3	0.5	**13.5**	0.3	0.7	**18.8**	0.3	0.4	**18.9**	0.3	0.2	**16.0**	0.5	0.1
UR2WJB	**7.3**	-0.2	0.3	**8.7**	-0.3	0.3	**13.7**	-0.4	0.4	**13.7**	-0.4	0.3	**10.3**	-0.3	0.3
XEYU96	**10.0**	0.1		**70.0**	8.0X		**9.0**	-0.9		**20.3**	0.5	0.3	**11.7**	-0.1	0.3
XFC7BF	**14.9**	0.7	1.2	**17.5**	0.9	1.4	**18.9**	0.3	1.1	**21.2**	0.6	0.9	**15.1**	0.3	1.4
YPCE8R	**5.4**	-0.5	0.1	**10.0**	-0.1	0.2	**14.8**	-0.2	0.2	**17.1**	0.1	0.3	**6.8**	-0.7	0.2
YX9DHD	**18.0**	1.1	1.0	**17.7**	0.9	0.3	**29.3**	1.6	1.1	**26.3**	1.2	0.8	**21.0**	1.1	0.6
ZAH9C4	**72.0**	7.8X	21.4	**82.2**	9.6X	26.3	**80.6**	7.9X	26.9	**83.0**	8.4X	20.7	**78.5**	8.4X	24.9

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	9.22	11.0	16.5	16.5	12.5
Median Abs Dev	2.89	2.7	3.0	3.4	4.2
Avg Within Lab SD	1.80	1.7	1.4	2.0	1.7
Labs Included	35	35	36	36	36
Labs Reporting	37	37	37	37	37

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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
GA76WG	**276.2**		0.3	**107.5**		0.4	**136.7**		0.2	**325.6**		0.3	**80.2**		0.2
PKVQFJ	**311.0**		1.4	**98.8**		1.4	**164.4**		1.4	**394.8**		1.4	**74.2**		1.4

Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	293.6	103.1	150.6	360.2	77.2
Median Abs Dev					
Avg Within Lab SD	3.7	1.8	3.1	4.6	1.5
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
DNU9NV	**374.9**		1.0	**136.2**		0.2	**177.3**		0.2	**392.6**		0.4	**81.3**		0.3
WGDABY	**344.0**		1.0	**180.0**		1.4	**206.3**		1.4	**469.7**		1.4	**79.3**		1.4

K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups — **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	359.5	158.1	191.8	431.2	80.3
Median Abs Dev					
Avg Within Lab SD	4.4	7.1	9.0	8.1	3.3
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
QUFERW	**409.5**		1.0	**212.5**		1.0	**223.7**		1.0	**535.7**		1.0	**68.0**		1.0

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	409.5	212.5	223.7	535.7	68.0
Median Abs Dev					
Avg Within Lab SD	7.4	0.9	3.8	14.6	1.8
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1

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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
QUFERW	**13,961.0**		1.0	**5,229.2**		1.0	**1,768.3**		1.0	**2,014.8**		1.0	**285.7**		1.0

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	13,961.0	5,229.2	1,768.3	2,014.8	285.7
Median Abs Dev					
Avg Within Lab SD	504.1	58.3	4.2	10.1	6.8
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1

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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AW39XM										**1.61**		0.01	**6.86**		0.09
JBLB7N	**0.15**		0.07	**0.26**		1.18	**0.25**		0.16	**0.21**		0.21	**7.38**		1.84
LRA7X6	**1.20**		1.72	**0.90**		0.00	**1.20**		1.69	**1.50**		1.95	**20.39**		0.76
WGDABY	**0.77**		0.19	**0.33**		1.27	**0.60**		0.33	**0.60**		0.38	**7.20**		0.15

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.77	0.33	0.60	1.05	7.29
Median Abs Dev					
Avg Within Lab SD	0.30	0.05	0.31	0.27	0.68
Labs Included	3	3	3	4	4
Labs Reporting	3	3	3	4	4

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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AV7VBU	**16.8**		0.9	**14.2**		1.7	**35.2**		1.5	**155.7**		1.9	**4.5**		
AW39XM	**20.0**		0.7	**29.6**		0.6	**32.6**		0.2	**145.9**		0.2	**3.9**		0.3
BWY4VJ	**26.5**		1.7	**47.0**		0.8	**36.1**		1.0	**152.5**		0.3	**5.3**		1.7
KCY8CT	**20.7**		0.0	**19.5**		0.2	**35.4**		0.8	**167.6**		0.3	**3.9**		0.1

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	20.3	24.6	35.3	154.1	4.21
Median Abs Dev					
Avg Within Lab SD	2.4	4.2	1.3	8.4	0.81
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AV7VBU	**156.3**		0.5	**84.7**		0.5	**121.8**		0.8	**315.2**		1.9	**59.7**		0.3
AW39XM	**159.2**		0.7	**88.4**		0.2	**125.5**		0.2	**322.3**		0.6	**59.5**		0.4
BWY4VJ	**179.2**		1.6	**87.1**		1.9	**120.8**		1.5	**313.0**		0.4	**60.5**		1.7
KCY8CT	**160.1**		0.7	**92.2**		0.3	**121.9**		1.1	**324.5**		0.0	**56.1**		0.8

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	159.7	87.8	121.9	318.7	59.6
Median Abs Dev					
Avg Within Lab SD	9.1	4.3	2.8	8.0	2.4
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AV7VBU	**4,316.8**		0.4	**3,264.5**		0.6	**1,471.3**		0.2	**1,839.0**		1.0	**349.2**		0.2
AW39XM	**4,409.1**		0.8	**3,230.2**		0.4	**1,456.3**		1.3	**1,817.2**		0.7	**328.6**		0.6
BWY4VJ	**5,518.1**		1.6	**3,609.2**		1.8	**1,462.3**		0.6	**1,852.7**		1.6	**407.2**		1.8
KCY8CT	**4,506.5**		0.8	**3,406.5**		0.4	**1,480.3**		1.4	**1,921.7**		0.3	**343.1**		0.5

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	4,457.8	3,335.5	1,466.8	1,845.8	346.1
Median Abs Dev					
Avg Within Lab SD	223.5	147.1	21.0	50.4	19.9
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AV7VBU	**250.3**		0.6	**315.2**		1.5	**113.0**		0.2	**242.5**		0.8	**70.8**		0.1
AW39XM	**318.7**		0.8	**396.1**		0.3	**120.9**		0.9	**282.0**		1.1	**74.1**		0.8
BWY4VJ	**302.4**		1.7	**282.0**		1.1	**110.0**		1.5	**236.4**		1.4	**73.2**		1.8
KCY8CT	**285.1**		0.5	**361.3**		0.7	**110.5**		0.9	**247.8**		0.2	**69.5**		0.5

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	293.7	338.2	111.7	245.2	72.0
Median Abs Dev					
Avg Within Lab SD	10.8	24.1	2.3	5.8	3.2
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AV7VBU	**0.5**			**21.3**		1.2	**24.0**		1.9	**21.7**		1.9	**29.2**		1.2
AW39XM	**1.5**		0.4	**26.8**		0.6	**21.0**		0.1	**20.6**		0.4	**28.3**		0.6
BWY4VJ	**1.6**		1.7	**26.0**		1.5	**20.0**		0.3	**18.4**		0.5	**28.3**		1.3
KCY8CT	**1.2**		0.0	**25.2**		0.0	**24.7**		0.5	**20.6**		0.1	**28.8**		0.7

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.37	25.6	22.5	20.6	28.5
Median Abs Dev					
Avg Within Lab SD	0.22	1.1	3.2	1.5	1.4
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
AV7VBU				**1.55**		1.77	**2.83**		1.04	**17.12**		0.82	**0.70**		0.70
AW39XM	**0.21**		0.59	**2.17**		0.19	**3.04**		0.20	**17.71**		0.95	**0.72**		0.50
BWY4VJ	**0.07**		1.63	**2.34**		0.88	**2.95**		0.84	**17.50**		1.50	**0.83**		1.81
KCY8CT	**0.09**		0.03	**2.08**		0.26	**3.05**		1.47	**19.14**		0.43	**0.65**		0.04

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.086	2.12	3.00	17.6	0.71
Median Abs Dev					
Avg Within Lab SD	0.034	0.13	0.07	0.4	0.07
Labs Included	3	4	4	4	4
Labs Reporting	3	4	4	4	4

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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Mult-Element Property Groups **Data units: g/cm3**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
CWVXUF	**1.18**	-0.10	0.00	**0.73**	-0.41	1.90	**0.77**	-1.36	2.84	**0.85**	-0.41	1.83	**1.28**	0.30	0.67
EL427J	**1.40**	1.56	2.98	**0.74**	-0.32	0.26	**0.92**	-0.18	0.09	**0.85**	-0.41	0.18	**1.21**	-0.23	0.40
GK293W	**1.19**	0.00	0.18	**0.83**	0.75	1.68	**1.00**	0.53	0.43	**0.93**	0.14	0.54	**1.24**	0.00	1.65
J4NJZF	**1.08**	-0.82	0.05	**0.82**	0.60	0.68	**0.94**	0.03	0.33	**0.94**	0.23	0.62	**1.30**	0.40	1.78
JYX9QG	**1.22**	0.20	0.16	**0.84**	0.84	0.78	**1.03**	0.81	0.58	**0.97**	0.43	1.19	**1.28**	0.26	1.19
KCY8CT	**1.02**	-1.29	0.21	**0.68**	-0.97	0.57	**0.76**	-1.45	0.07	**0.82**	-0.60	1.38	**1.05**	-1.44	0.32
R2TT88	**1.22**	0.23	0.15	**0.77**	0.00	0.11	**0.97**	0.30	0.41	**0.91**	0.00	0.94	**1.29**	0.35	0.84
TEVJP7	**1.22**	0.22	0.05	**0.86**	1.02	1.04	**0.94**	0.00	0.25	**1.34**	2.94	0.54	**0.98**	-1.93	0.49
TJQDKL	**0.97**	-1.64	0.09	**0.66**	-1.16	0.12	**0.77**	-1.41	0.20	**0.77**	-0.92	0.65	**1.09**	-1.18	0.17

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Mult-Element Property Groups **Data units: g/cm3**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.19	0.77	0.94	0.91	1.24
Median Abs Dev	0.03	0.07	0.06	0.06	0.05
Avg Within Lab SD	0.13	0.03	0.06	0.03	0.03
Labs Included	9	9	9	9	9
Labs Reporting	9	9	9	9	9

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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
667R8V	**134.7**	0.1	0.8	**127.7**	-0.6	1.6	**49.0**	0.0	1.1	**45.3**	-0.6	0.3	**7.7**	0.2	1.0
67433X	**132.9**	-0.1	0.2	**133.4**	0.0	0.5	**44.7**	-1.0	0.1	**45.6**	-0.5	0.3	**7.5**	0.0	
HAKLTV	**137.7**	0.3	2.2	**142.7**	0.9	1.3	**48.0**	-0.2	2.1	**51.3**	1.2	2.5	**7.3**	-0.2	1.7
JBLB7N	**154.3**	1.6	0.4	**147.0**	1.3	0.3	**57.3**	1.9	0.2	**51.7**	1.3	0.3	**6.8**	-0.9	0.3
JYVJLJ	**120.0**	-1.1		**133.7**	0.0	1.3	**43.0**	-1.3	0.7	**43.3**	-1.2	0.6	**8.0**	0.7	
N29KUM	**133.8**	0.0	0.3	**141.7**	0.8	0.5	**48.9**	0.0	0.3	**47.3**	0.0	0.3	**6.1**	-2.0	0.3
TJQDKL	**112.3**	-1.7	0.4	**123.3**	-1.0	0.5	**50.3**	0.3	0.9	**47.3**	0.0	0.3	**8.0**	0.7	
YJ9BJE	**240.7**	8.2X	1.4	**262.0**	12.9X	1.5	**97.0**	10.9X	0.8	**95.0**	14.0X		**17.3**	13.5X	4.4

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	133.8	133.7	48.9	47.3	7.50
Median Abs Dev	3.9	8.0	1.4	1.9	0.50
Avg Within Lab SD	4.3	3.0	2.7	2.0	0.57
Labs Included	7	7	7	7	7
Labs Reporting	8	8	8	8	8

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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**142.0**	0.3	0.6	**129.3**	-0.3	0.5	**71.0**	0.7	0.8	**56.3**	-0.2	0.7	**9.5**	-0.2	0.5
632WAQ	**139.2**	0.1	0.2	**134.3**	-0.1	0.3	**62.5**	-0.2	0.2	**56.2**	-0.2	0.4	**5.5**	-1.9	
68ZFPQ	**126.7**	-0.7	0.6	**136.3**	-0.1	0.1	**59.7**	-0.4	0.3	**56.2**	-0.2	0.1	**5.8**	-1.8	0.3
6TJM2J	**128.8**	-0.6	0.1	**163.3**	0.7	0.7	**54.7**	-0.9	0.4	**51.1**	-0.7	0.4	**9.1**	-0.4	0.6
7VEVHY	**153.0**	1.0	2.3	**135.6**	-0.1	2.2	**69.0**	0.5	1.4	**57.5**	0.0	0.9	**11.1**	0.5	1.5
8WPZU3	**126.2**	-0.8	0.2	**153.8**	0.4	0.1	**60.3**	-0.4	0.6	**55.7**	-0.2	0.5	**11.2**	0.5	0.1
CVZFUY	**143.0**	0.3	0.2	**150.0**	0.3	0.1	**70.4**	0.6	0.1	**54.6**	-0.3	0.0	**10.5**	0.2	0.1
CWVXUF	**157.7**	1.3	2.0	**144.7**	0.2	0.9	**65.7**	0.1	1.5	**60.1**	0.2	1.6	**9.5**	-0.2	0.8
DP8FCX	**136.6**	-0.1	0.4	**142.2**	0.1	0.1	**63.3**	-0.1	0.2	**54.3**	-0.4	0.3	**11.9**	0.8	0.2
E9JJDF	**130.2**	-0.5	0.6	**149.5**	0.3	0.2	**57.8**	-0.6	0.2	**54.6**	-0.3	0.6	**10.6**	0.3	0.6
EL427J	**132.3**	-0.4	0.8	**141.7**	0.1	0.1	**62.5**	-0.2	0.4	**55.4**	-0.2	0.2	**9.7**	-0.1	0.2
FRQEHR	**172.7**	2.3	0.3	**180.7**	1.2	0.1	**80.3**	1.5	1.5	**64.7**	0.6	0.2	**10.3**	0.1	0.5
G4Z9CG	**135.9**	-0.1	0.0	**172.1**	0.9	0.0	**59.4**	-0.5	0.0	**48.7**	-0.9	0.0	**10.7**	0.3	0.0
GA76WG	**134.5**	-0.2	0.2	**141.0**	0.1	0.1	**68.9**	0.5	0.1	**58.3**	0.0	0.2	**10.3**	0.1	0.1
GK293W	**124.0**	-0.9	1.9	**168.8**	0.8	1.4	**66.2**	0.2	1.9	**72.1**	1.4	3.4	**7.2**	-1.2	0.6
HEFFNB	**139.3**	0.1	1.2	**179.7**	1.1	0.8	**89.3**	2.4	0.9	**81.3**	2.2	1.3	**10.0**	0.0	0.9
J4NJZF	**134.7**	-0.2	0.3	**86.3**	-1.4	0.1	**75.7**	1.1	0.4	**70.7**	1.2	0.2	**11.7**	0.7	0.5
JC7UDF	**137.8**	0.0	1.3	**84.0**	-1.5	0.1	**64.1**	0.0	0.2	**59.5**	0.1	0.2	**8.9**	-0.5	0.0
JWQRU7	**132.4**	-0.4	0.5	**151.5**	0.4	1.0	**57.6**	-0.6	0.5	**55.8**	-0.2	0.8	**10.0**	0.0	0.4
JYX9QG	**146.8**	0.6	0.3	**262.3**	3.4X	1.2	**83.5**	1.8	0.6	**79.2**	2.0	0.2	**10.5**	0.2	0.2
KCY8CT	**130.6**	-0.5	0.6	**107.1**	-0.9	0.2	**58.6**	-0.5	0.4	**57.9**	0.0	0.3	**9.4**	-0.3	0.2
KMYV7B	**154.6**	1.1	0.5	**101.0**	-1.0	0.4	**89.7**	2.4	1.8	**83.0**	2.4	2.0	**9.2**	-0.3	0.9
L78EEJ	**140.9**	0.2	0.4	**146.1**	0.2	0.1	**64.4**	0.0	0.1	**58.1**	0.0	0.6	**12.1**	0.9	0.8
LBYM2X	**125.3**	-0.8	0.3	**122.7**	-0.4	0.7	**54.3**	-0.9	0.5	**52.2**	-0.5	0.6	**8.6**	-0.6	0.2
LRA7X6	**145.2**	0.5	1.6	**88.4**	-1.4	0.3	**69.7**	0.5	0.5	**64.5**	0.6	0.6	**7.6**	-1.0	0.5
LWGUDR	**135.7**	-0.1	0.1	**117.3**	-0.6	0.1	**65.3**	0.1	0.2	**59.3**	0.1	0.2	**8.3**	-0.7	0.5

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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Mult-Element Property Groups																Data units: mg/kg
	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715			
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	
PKVQFJ	**174.7**	2.5	0.4	**113.4**	-0.7	0.1	**87.8**	2.3	0.6	**77.5**	1.9	0.4	**12.7**	1.1	0.4	
QN8YGM	**117.7**	-1.3	0.2	**109.8**	-0.8	0.7	**58.4**	-0.6	0.5	**49.2**	-0.8	0.7	**14.3**	1.8	1.9	
QUFERW	**149.6**	0.8	1.9	**200.9**	1.7	4.5	**63.3**	-0.1	3.3	**72.0**	1.3	0.9	**9.1**	-0.4	1.1	
R2TT88	**155.7**	1.2	0.3	**111.7**	-0.7	0.3	**66.6**	0.2	0.7	**61.1**	0.3	0.2	**10.4**	0.2	0.1	
TEVJP7	**158.0**	1.4	1.1	**107.0**	-0.9	0.4	**56.7**	-0.7	0.6	**73.3**	1.5	2.2	**12.7**	1.1	0.5	
UVZB72	**140.3**	0.2	1.0	**147.7**	0.2	0.3	**59.3**	-0.5	1.5	**47.7**	-1.0	1.1	**5.0**	-2.1		
ZAH9C4	**128.2**	-0.6	2.1	**67.7**	-2.0	0.6	**62.4**	-0.2	1.2	**57.9**	0.0	1.2	**5.9**	-1.7	4.2	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Mult-Element Property Groups						Data units: mg/kg
	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715	
Grand Median	137.8	138.7	64.1	57.9	10.00	
Median Abs Dev	7.5	23.0	4.9	3.4	1.09	
Avg Within Lab SD	4.6	8.4	2.7	3.0	1.11	
Labs Included	33	32	33	33	33	
Labs Reporting	33	33	33	33	33	

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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**386.3**	-1.1	0.3	**133.7**	0.0	0.3	**206.0**	0.3	0.6	**441.0**	0.0	0.3	**83.7**	0.1	1.1
632WAQ	**432.5**	-0.1	0.5	**135.5**	0.0	0.1	**179.7**	-0.4	0.4	**398.5**	-0.5	0.7	**80.7**	-0.3	0.5
667R8V	**439.3**	0.1	0.2	**140.7**	0.1	0.8	**215.3**	0.5	0.2	**424.0**	-0.2	0.3	**86.0**	0.4	0.8
67433X	**428.5**	-0.1	0.7	**128.5**	-0.2	0.0	**184.8**	-0.3	0.0	**418.8**	-0.3	0.4	**79.9**	-0.4	0.4
68ZFPQ	**451.3**	0.4	0.2	**136.3**	0.0	0.1	**219.0**	0.6	0.3	**506.0**	0.7	0.1	**92.3**	1.2	0.4
6TJM2J	**391.3**	-0.9	0.2	**107.4**	-0.7	0.2	**167.5**	-0.8	0.2	**389.6**	-0.6	0.8	**75.1**	-1.0	2.2
8WPZU3	**407.8**	-0.6	0.3	**116.9**	-0.4	0.3	**175.2**	-0.6	0.7	**443.3**	0.0	0.9	**81.0**	-0.2	0.9
CVZFUY	**464.7**	0.6	0.1	**143.7**	0.2	0.3	**238.7**	1.1	0.2	**417.0**	-0.3	0.1	**83.7**	0.1	0.0
CWVXUF	**463.7**	0.6	3.0	**138.8**	0.1	0.9	**259.4**	1.7	2.0	**452.4**	0.1	1.8	**91.4**	1.1	2.0
DP8FCX	**431.6**	-0.1	0.3	**128.9**	-0.2	0.4	**193.4**	-0.1	0.2	**443.1**	0.0	0.5	**84.0**	0.2	0.4
E9JJDF	**429.9**	-0.1	0.3	**114.3**	-0.5	0.3	**181.5**	-0.4	0.3	**438.6**	-0.1	0.2	**79.6**	-0.4	1.0
EL427J	**437.3**	0.1	0.2	**132.3**	-0.1	0.1	**182.0**	-0.4	0.1	**425.0**	-0.2	0.8	**73.2**	-1.2	0.0
FRQEHR	**467.7**	0.7	0.4	**115.7**	-0.5	0.5	**204.0**	0.2	0.9	**495.0**	0.6	0.7	**84.7**	0.3	0.2
G4Z9CG	**437.8**	0.1	0.0	**128.5**	-0.2		**190.1**	-0.2	0.0	**419.7**	-0.3	0.0	**81.7**	-0.1	0.0
GA76WG	**420.5**	-0.3	0.0	**135.6**	0.0	0.1	**193.8**	-0.1	0.2	**445.4**	0.0	0.0	**83.1**	0.1	0.1
GK293W	**506.7**	1.6	4.2	**220.7**	2.1	4.3	**230.2**	0.9	2.5	**590.0**	1.7	2.8	**67.6**	-1.9	1.7
HEFFNB	**487.3**	1.1	1.4	**234.7**	2.4	1.8	**285.0**	2.4	1.5	**643.7**	2.4	3.3	**88.3**	0.7	0.8
J4NJZF	**408.3**	-0.6	0.1	**185.3**	1.2	0.2	**210.3**	0.4	0.1	**547.7**	1.2	0.1	**68.3**	-1.9	0.4
JC7UDF	**478.3**	0.9	0.4	**163.8**	0.7	0.1	**203.1**	0.2	0.1	**539.2**	1.1	0.1	**96.8**	1.8	0.4
JWQRU7	**428.9**	-0.1	0.1	**115.6**	-0.5	0.7	**167.9**	-0.8	0.2	**436.7**	-0.1	0.6	**83.4**	0.1	0.3
JYVJLJ	**382.0**	-1.1	0.4	**116.0**	-0.5	0.2	**168.0**	-0.8	0.4	**386.7**	-0.7	0.3	**80.0**	-0.3	0.6
JYX9QG	**560.6**	2.7	0.2	**251.8**	2.8	0.3	**276.6**	2.1	0.1	**676.5**	2.7	0.1	**84.5**	0.2	0.1
KCY8CT	**451.1**	0.4	0.2	**137.5**	0.0	0.7	**199.0**	0.1	0.9	**471.6**	0.3	1.4	**86.9**	0.5	0.2
KMYV7B	**485.3**	1.1	0.1	**234.4**	2.4	0.1	**257.9**	1.6	0.9	**588.6**	1.7	0.6	**77.8**	-0.6	2.2
L78EEJ	**453.0**	0.4	0.3	**129.1**	-0.2	0.6	**199.0**	0.1	0.8	**456.0**	0.2	1.0	**91.6**	1.2	1.1
LBYM2X	**377.0**	-1.3	0.6	**113.3**	-0.5	0.2	**169.7**	-0.7	0.5	**390.0**	-0.6	0.4	**82.2**	-0.1	0.3

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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
LRA7X6	**456.6**	0.5	0.6	**202.9**	1.6	0.2	**239.0**	1.1	0.2	**580.6**	1.6	0.5	**80.3**	-0.3	0.8
LWGUDR	**428.3**	-0.1	0.0	**136.7**	0.0	0.1	**172.0**	-0.6		**475.7**	0.4	0.1	**80.3**	-0.3	0.2
PKVQFJ	**495.2**	1.3	0.1	**214.3**	1.9	0.1	**261.1**	1.7	0.1	**623.3**	2.1	0.5	**87.0**	0.6	0.4
QN8YGM	**371.9**	-1.4	0.7	**124.4**	-0.3	1.1	**162.0**	-0.9	1.1	**385.4**	-0.7	1.0	**76.1**	-0.9	1.1
QUFERW	**450.3**	0.3	0.7	**114.2**	-0.5	0.7	**192.5**	-0.1	2.5	**413.1**	-0.4	0.8	**80.7**	-0.3	1.3
R2TT88	**503.1**	1.5	0.6	**148.4**	0.3	0.2	**212.1**	0.4	0.9	**467.8**	0.3	0.1	**95.3**	1.6	0.8
TEVJP7	**608.7**	3.8X	0.6	**209.3**	1.8	0.5	**505.0**	8.2X	0.7	**120.3**	-3.8X	0.4	**221.3**	17.9X	3.8
TJQDKL	**424.0**	-0.2	0.2	**131.0**	-0.1	0.1	**179.3**	-0.5	0.2	**438.7**	-0.1	0.2	**85.3**	0.3	0.2
UVZB72	**393.7**	-0.9	0.6	**107.0**	-0.7	0.4	**183.3**	-0.3	0.8	**395.0**	-0.6	0.6	**77.3**	-0.7	0.7
YJ9BJE	**416.0**	-0.4	0.9	**127.7**	-0.2	1.7	**171.0**	-0.7	2.0	**402.7**	-0.5	0.9	**87.7**	0.6	1.9
ZAH9C4	**411.7**	-0.5	1.3	**182.0**	1.1	2.4	**212.8**	0.4	2.2	**525.8**	1.0	1.5	**65.9**	-2.2	1.9

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	434.9	135.5	196.4	443.2	82.7
Median Abs Dev	24.9	18.6	18.0	36.5	3.2
Avg Within Lab SD	17.4	8.9	9.4	21.3	3.6
Labs Included	36	37	36	36	36
Labs Reporting	37	37	37	37	37

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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**6,243.3**	0.8	2.5	**4,514.3**	0.9	0.7	**2,088.3**	1.0	0.6	**2,202.7**	0.9	0.2	**455.7**	0.7	0.2
632WAQ	**5,725.2**	0.1	0.2	**3,674.8**	0.2	0.7	**1,688.2**	-0.1	0.5	**1,683.8**	-0.4	0.4	**396.5**	0.0	0.2
667R8V	**5,405.0**	-0.3	0.9	**3,754.0**	0.2	0.7	**1,966.7**	0.7	0.7	**1,774.3**	-0.2	0.7	**703.3**	3.5	0.7
67433X	**5,916.9**	0.4	0.5	**3,168.3**	-0.3	0.3	**1,508.0**	-0.6	0.3	**1,626.7**	-0.5	0.2	**358.0**	-0.4	0.0
68ZFPQ	**5,134.3**	-0.6	0.1	**2,964.7**	-0.4	0.2	**1,665.0**	-0.2	0.1	**1,759.0**	-0.2	0.0	**379.7**	-0.2	0.2
6TJM2J	**5,619.2**	0.0	0.4	**2,839.9**	-0.5	0.4	**1,491.3**	-0.7	0.5	**1,582.4**	-0.6	0.8	**370.4**	-0.3	1.2
8WPZU3	**5,561.3**	-0.1	0.7	**3,278.8**	-0.2	0.4	**1,617.5**	-0.3	0.8	**1,820.4**	0.0	1.0	**389.1**	-0.1	0.7
CWVXUF	**5,696.6**	0.1	1.2	**3,602.3**	0.1	0.4	**2,176.5**	1.3	1.6	**2,274.4**	1.0	1.3	**423.7**	0.3	2.3
DP8FCX	**5,088.5**	-0.7	0.2	**3,428.9**	0.0	0.4	**1,785.8**	0.2	0.0	**1,861.8**	0.0	0.4	**568.7**	2.0	1.3
E9JJDF	**5,582.3**	0.0	2.2	**2,945.0**	-0.5	0.8	**1,621.8**	-0.3	0.5	**1,617.4**	-0.5	0.5	**465.5**	0.8	0.3
EL427J	**5,613.0**	0.0	0.3	**3,359.0**	-0.1	0.9	**1,705.0**	-0.1	0.3	**1,768.3**	-0.2	0.7	**367.3**	-0.3	1.3
FRQEHR	**6,805.7**	1.6	0.9	**2,821.0**	-0.6	3.6	**2,124.3**	1.1	0.9	**2,336.0**	1.2	1.0	**494.7**	1.1	0.3
G4Z9CG	**4,873.0**	-1.0		**3,038.0**	-0.4		**1,657.0**	-0.2		**1,694.0**	-0.3		**388.0**	-0.1	
GA76WG	**5,324.1**	-0.4	0.1	**3,352.5**	-0.1	0.0	**1,607.7**	-0.3	0.0	**1,628.3**	-0.5	0.0	**366.0**	-0.3	0.0
GK293W	**4,998.3**	-0.8	0.9	**4,710.6**	1.1	0.8	**1,814.8**	0.3	1.9	**2,144.5**	0.7	2.5	**322.4**	-0.8	2.2
HEFFNB	**5,850.3**	0.3	1.7	**5,433.7**	1.7	2.3	**2,403.3**	1.9	1.4	**2,603.7**	1.8	2.6	**394.7**	0.0	0.6
J4NJZF	**5,230.0**	-0.5	0.1	**5,260.0**	1.5	0.1	**2,070.0**	1.0	0.1	**2,326.7**	1.1	0.2	**531.7**	1.5	0.3
JC7UDF	**4,986.9**	-0.8	0.2	**3,737.5**	0.2	0.7	**1,848.1**	0.3	0.1	**2,018.1**	0.4	0.5	**485.0**	1.0	0.5
JWQRU7	**5,506.7**	-0.1	1.3	**3,024.5**	-0.4	1.2	**1,415.1**	-0.9	0.5	**1,614.9**	-0.5	1.3	**442.8**	0.5	0.8
JYVJLJ	**5,267.7**	-0.5	0.1	**3,002.7**	-0.4	0.5	**1,627.7**	-0.3	0.1	**1,687.3**	-0.4	0.4	**465.7**	0.8	0.2
JYX9QG	**5,679.5**	0.1	0.5	**5,283.5**	1.5	0.1	**2,161.2**	1.2	0.3	**2,395.2**	1.3	0.3	**385.6**	-0.1	0.1
KCY8CT	**5,213.3**	-0.5	0.5	**3,524.0**	0.0	0.2	**1,686.0**	-0.1	0.3	**1,970.3**	0.3	0.4	**417.9**	0.2	0.3
KMYV7B	**6,993.8**	1.8	1.7	**5,840.3**	2.0	0.3	**2,300.0**	1.6	1.6	**2,520.5**	1.6	2.0	**2,520.5**	24.1X	6.8
L78EEJ	**5,746.8**	0.2	1.1	**3,416.0**	-0.1	0.7	**1,731.0**	0.0	0.1	**1,883.7**	0.1	0.5	**441.3**	0.5	1.3
LRA7X6	**6,383.8**	1.0	0.8	**5,468.0**	1.7	0.2	**2,362.4**	1.8	0.3	**2,536.0**	1.6	0.6	**408.5**	0.1	0.4
LWGUDR	**5,781.3**	0.2	0.0	**3,794.3**	0.3	0.3	**1,811.0**	0.2	0.0	**1,861.3**	0.0	0.0	**333.3**	-0.7	0.1

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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
PKVQFJ	**6,186.3**	0.7	0.3	**6,351.4**	2.4	0.6	**2,495.7**	2.2	0.8	**2,520.4**	1.6	0.2	**422.5**	0.3	0.5
QN8YGM	**3,604.2**	-2.6	0.2	**2,924.7**	-0.5	1.1	**1,119.8**	-1.7	0.4	**1,247.2**	-1.4	0.4	**349.1**	-0.5	0.6
QUFERW	**7,861.0**	2.9	1.0	**3,299.3**	-0.2	0.9	**1,722.3**	0.0	3.4	**1,715.3**	-0.3	1.1	**344.5**	-0.6	1.2
R2TT88	**6,251.4**	0.8	0.4	**3,842.3**	0.3	0.3	**1,847.8**	0.3	0.7	**1,865.1**	0.1	0.2	**421.2**	0.3	0.3
TEVJP7	**6,314.0**	0.9	1.1	**5,037.3**	1.3	0.7	**1,720.3**	0.0	1.0	**1,708.3**	-0.3	1.0	**456.0**	0.7	0.2
UVZB72	**5,350.0**	-0.3	0.4	**2,966.7**	-0.4	0.7	**1,633.3**	-0.3	0.7	**1,566.7**	-0.6	0.6	**350.0**	-0.5	0.4
YJ9BJE	**6,500.0**	1.2		**2,093.3**	-1.2	0.7	**1,505.0**	-0.6	1.2	**1,363.3**	-1.1	1.3	**248.3**	-1.7	2.3
ZAH9C4	**5,236.8**	-0.5	2.0	**5,012.7**	1.3	1.8	**2,034.3**	0.9	1.7	**2,227.6**	0.9	1.5	**299.2**	-1.1	2.1

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	5,616.1	3,476.4	1,726.7	1,840.8	396.5
Median Abs Dev	382.7	491.8	121.3	218.8	46.3
Avg Within Lab SD	138.8	168.1	82.1	92.4	27.6
Labs Included	34	34	34	34	33
Labs Reporting	34	34	34	34	34

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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**408.3**	0.2	2.7	**280.0**	0.6	0.4	**149.0**	0.1	1.0	**308.0**	0.4	0.5	**92.0**	0.5	0.9
632WAQ	**397.2**	-0.1	0.4	**249.8**	0.2	0.1	**130.7**	-0.5	0.4	**261.5**	-0.3	0.5	**82.2**	-0.3	0.3
667R8V	**399.8**	0.0	0.5	**224.3**	-0.1	0.7	**165.2**	0.7	0.4	**302.3**	0.3	0.4	**93.0**	0.6	0.7
67433X	**376.0**	-0.6	0.2	**209.1**	-0.3	0.1	**124.4**	-0.7	0.2	**253.2**	-0.5	0.1	**74.7**	-0.9	0.2
68ZFPQ	**363.7**	-0.9	0.3	**220.3**	-0.1	0.1	**140.3**	-0.2	0.2	**283.7**	0.0	0.1	**89.3**	0.3	0.3
6TJM2J	**353.6**	-1.1	0.3	**178.8**	-0.6	1.0	**121.7**	-0.8	0.1	**246.1**	-0.6	1.0	**74.1**	-1.0	1.4
8WPZU3	**376.8**	-0.6	0.7	**220.4**	-0.1	0.2	**144.9**	0.0	0.7	**288.1**	0.1	0.9	**98.5**	1.1	0.7
CWVXUF	**406.5**	0.2	3.0	**303.9**	0.9	0.6	**179.9**	1.2	1.1	**240.0**	-0.7	0.5	**90.7**	0.4	0.7
DP8FCX	**381.5**	-0.4	0.4	**229.9**	0.0	0.3	**145.5**	0.0	0.1	**277.9**	-0.1	0.5	**94.6**	0.8	0.3
E9JJDF	**416.7**	0.4	1.5	**220.4**	-0.1	0.7	**152.2**	0.3	0.4	**265.1**	-0.3	0.3	**99.1**	1.1	1.2
EL427J	**368.7**	-0.8	0.3	**226.7**	-0.1	0.3	**138.7**	-0.2	0.2	**269.3**	-0.2	0.5	**88.8**	0.3	0.1
FRQEHR	**445.7**	1.1	0.5	**208.7**	-0.3	0.2	**152.0**	0.3	0.8	**295.7**	0.2	0.5	**89.3**	0.3	0.1
G4Z9CG	**407.3**	0.2	0.0	**219.1**	-0.1	0.0	**137.0**	-0.3		**267.7**	-0.2	0.0	**82.8**	-0.2	0.0
GA76WG	**347.6**	-1.3	0.0	**230.8**	0.0	0.1	**136.9**	-0.3	0.1	**272.0**	-0.2	0.0	**85.1**	0.0	0.1
GK293W	**435.8**	0.9	1.5	**394.8**	2.0	1.4	**167.7**	0.8	1.7	**384.0**	1.6	2.4	**81.6**	-0.3	2.5
HEFFNB	**424.0**	0.6	1.2	**382.3**	1.9	1.9	**200.7**	2.0	1.4	**410.7**	2.0	2.8	**87.0**	0.1	0.4
J4NJZF	**387.7**	-0.3	0.4	**363.7**	1.6	0.4	**172.3**	1.0	0.6	**363.3**	1.3	0.4	**92.7**	0.6	0.4
JC7UDF	**417.0**	0.4	0.3	**278.5**	0.6	0.0	**169.5**	0.9	0.2	**345.1**	1.0	0.3	**101.0**	1.3	0.2
JWQRU7	**397.2**	-0.1	0.5	**219.1**	-0.1	1.2	**122.0**	-0.8	0.4	**255.1**	-0.4	0.7	**88.8**	0.3	0.2
JYVJLJ	**350.3**	-1.2	1.4	**203.3**	-0.3	1.3	**119.3**	-0.9	0.9	**241.7**	-0.7	0.8	**75.3**	-0.9	0.8
JYX9QG	**404.7**	0.1	0.1	**364.1**	1.6	0.4	**182.6**	1.3	0.3	**378.8**	1.5	0.3	**85.7**	0.0	0.1
KCY8CT	**378.8**	-0.5	0.6	**231.5**	0.0	0.6	**128.6**	-0.6	0.4	**283.0**	0.0	0.8	**80.6**	-0.4	0.0
KMYV7B	**432.7**	0.8	0.7	**435.6**	2.5	0.5	**178.1**	1.2	1.2	**396.1**	1.8	2.4	**76.7**	-0.8	0.4
L78EEJ	**407.1**	0.2	0.5	**237.2**	0.1	0.7	**146.3**	0.0	0.9	**295.7**	0.2	0.6	**94.7**	0.8	1.0
LRA7X6	**454.9**	1.4	0.9	**406.7**	2.2	0.3	**189.9**	1.6	0.2	**414.5**	2.1	0.6	**85.3**	0.0	0.5
LWGUDR	**381.0**	-0.5	0.1	**227.0**	-0.1	0.1	**142.0**	-0.1	0.3	**271.3**	-0.2	0.1	**76.3**	-0.8	0.2

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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
PKVQFJ	**446.7**	1.2	0.4	**425.5**	2.4	0.3	**198.2**	1.9	0.4	**398.2**	1.8	0.6	**90.4**	0.4	0.4
QN8YGM	**351.2**	-1.2	0.2	**228.8**	0.0	1.4	**127.3**	-0.6	0.6	**249.1**	-0.5	0.5	**83.8**	-0.2	0.5
QUFERW	**441.5**	1.0	1.2	**229.5**	0.0	1.6	**136.2**	-0.3	2.4	**267.5**	-0.2	0.8	**80.1**	-0.5	0.8
R2TT88	**445.7**	1.1	0.6	**266.8**	0.4	0.1	**147.5**	0.1	0.6	**293.9**	0.2	0.2	**91.3**	0.5	0.3
TEVJP7	**513.3**	2.8X	1.2	**339.0**	1.3	1.0	**281.3**	4.8X	2.4	**105.0**	-2.9X	0.4	**152.0**	5.6X	0.7
UVZB72	**353.3**	-1.1	0.7	**200.3**	-0.4	0.8	**118.3**	-0.9	0.4	**228.3**	-0.9	0.8	**70.7**	-1.3	0.5
YJ9BJE	**445.0**	1.1	1.3	**245.0**	0.2	2.0	**100.0**	-1.6	3.0	**243.3**	-0.6	2.0	**53.3**	-2.7	1.2
ZAH9C4	**369.3**	-0.8	1.0	**346.0**	1.4	3.4	**142.1**	-0.1	1.7	**339.8**	0.9	1.3	**55.4**	-2.6	3.9

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	399.8	231.2	144.9	283.0	85.7
Median Abs Dev	24.2	22.3	17.6	27.9	5.7
Avg Within Lab SD	11.9	12.8	6.7	13.8	6.1
Labs Included	33	34	33	33	33
Labs Reporting	34	34	34	34	34

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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**8.7**	-0.2	0.4	**8.0**	-0.4	0.0	**11.3**	-0.8	0.2	**9.7**	-0.8	0.3	**4.7**	-1.1	0.3
667R8V	**9.9**	0.0	0.1	**10.7**	-0.1	0.6	**16.5**	-0.1	0.3	**15.6**	-0.1	0.7	**13.7**	0.2	0.4
6TJM2J	**3.6**	-0.9	0.6	**20.5**	1.0	0.6	**18.4**	0.1	0.4	**16.9**	0.0	0.1	**24.2**	1.7	1.1
8WPZU3	**6.9**	-0.4	0.4	**6.4**	-0.6	0.2	**17.8**	0.1	0.5	**14.2**	-0.3	0.6	**13.0**	0.1	0.5
DP8FCX	**10.0**	0.0	0.1	**14.9**	0.4	0.4	**17.5**	0.0	0.3	**16.8**	0.0	0.2	**15.0**	0.3	0.5
E9JJDF	**12.3**	0.3	0.5	**10.3**	-0.2	0.1	**20.5**	0.4	0.5	**11.0**	-0.7	0.7	**12.2**	-0.1	0.5
EL427J	**5.9**	-0.6	0.2	**4.7**	-0.8	0.4	**11.1**	-0.8	0.5	**11.1**	-0.7	1.3	**8.9**	-0.5	0.8
FRQEHR	**29.3**	2.7	0.8	**23.3**	1.4	0.9	**44.3**	3.6	1.0	**33.7**	2.0	0.7	**27.7**	2.1	0.7
G4Z9CG	**7.8**	-0.3	0.0	**13.7**	0.2	0.0	**15.6**	-0.2	0.0	**15.6**	-0.1	0.0	**12.6**	0.0	0.0
GK293W	**0.9**	-1.3		**14.7**	0.4	1.5	**12.6**	-0.6	1.1	**18.3**	0.2	1.1	**5.6**	-1.0	1.4
HEFFNB	**20.7**	1.5	0.8	**31.7**	2.4	0.4	**36.7**	2.6	0.7	**39.7**	2.7	2.0	**23.0**	1.5	
J4NJZF	**8.3**	-0.2	0.4	**11.3**	0.0	0.4	**17.7**	0.1	0.2	**19.3**	0.3	0.3	**11.3**	-0.2	0.3
JWQRU7	**12.4**	0.3	0.7	**8.5**	-0.4	0.2	**16.7**	-0.1	0.3	**15.7**	-0.1	0.7	**15.9**	0.5	0.7
JYX9QG	**15.4**	0.8	0.4	**30.7**	2.2	1.1	**20.9**	0.5	0.4	**30.4**	1.6	0.2	**11.7**	-0.1	1.1
L78EEJ	**11.3**	0.2	0.8	**10.8**	-0.1	0.0	**17.3**	0.0	0.5	**17.2**	0.0	0.2	**12.7**	0.0	0.9
LRA7X6	**5.1**	-0.7	2.7	**5.2**	-0.8	0.1	**10.4**	-0.9	0.2	**4.7**	-1.4	1.8	**6.0**	-0.9	0.4
PKVQFJ	**12.1**	0.3	0.1	**15.1**	0.4	0.1	**21.9**	0.6	0.1	**22.1**	0.6	0.2	**12.2**	-0.1	0.3
QN8YGM	**12.5**	0.4	0.3	**12.9**	0.1	0.1	**15.5**	-0.2	1.0	**15.0**	-0.2	0.3	**14.3**	0.2	1.0
QUFERW	**7.8**	-0.3	1.0	**7.6**	-0.5	0.7	**11.7**	-0.7	0.6	**10.7**	-0.7	0.5	**8.9**	-0.5	0.9
R2TT88	**3.8**	-0.9	0.1	**4.6**	-0.8	0.0	**10.1**	-1.0	0.1	**10.7**	-0.7	0.1	**7.3**	-0.8	0.1
TEVJP7	**18.7**	1.2	2.4	**17.7**	0.7	0.4	**25.3**	1.1	0.5	**24.0**	0.9	1.3	**28.7**	2.3	1.2
UVZB72	**13.0**	0.4	0.7	**11.7**	0.0	0.4	**14.7**	-0.3	0.2	**17.0**	0.0	1.0	**11.3**	-0.2	0.3
ZAH9C4	**19.8**	1.4	2.0	**24.8**	1.6	4.0	**22.2**	0.6	4.1	**25.9**	1.1	2.7	**20.9**	1.2	3.3

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	10.0	11.7	17.3	16.8	12.6
Median Abs Dev	3.0	3.6	3.6	5.3	3.3
Avg Within Lab SD	1.5	3.5	3.2	2.1	2.1
Labs Included	23	23	23	23	23
Labs Reporting	23	23	23	23	23

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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**14.3**	0.7	0.4	**12.7**	-0.5	0.4	**10.3**	-0.5	0.6	**7.7**	-1.2	0.5	**3.8**	-1.6	0.3
68ZFPQ	**8.7**	-0.5	0.1	**14.5**	-0.2	0.0	**8.8**	-1.0	0.1	**9.9**	-0.7	0.1	**7.9**	-0.1	0.1
6TJM2J	**8.9**	-0.4	0.6	**12.8**	-0.5	0.8	**9.1**	-0.9	0.5	**9.5**	-0.8	0.4	**7.1**	-0.4	1.2
8WPZU3	**11.5**	0.1	0.7	**17.9**	0.3	0.8	**12.6**	0.2	0.8	**13.5**	0.2	0.7	**12.1**	1.5	1.1
CWVXUF	**11.0**	0.0	2.4	**15.1**	-0.1	1.5	**12.4**	0.1	2.7	**12.5**	0.0	2.5	**9.0**	0.3	2.4
DP8FCX	**26.1**	3.0	0.2	**22.0**	0.9	0.2	**12.7**	0.2	0.2	**13.0**	0.1	0.3	**7.5**	-0.2	0.5
E9JJDF	**14.7**	0.7	0.3	**16.1**	0.0	0.7	**11.0**	-0.3	0.4	**13.1**	0.1	1.2	**7.9**	-0.1	0.7
EL427J	**8.9**	-0.4	0.3	**14.1**	-0.3	0.1	**8.8**	-0.9	0.2	**9.5**	-0.8	0.5	**7.3**	-0.3	0.2
FRQEHR	**10.7**	-0.1	0.4	**16.3**	0.1	0.4	**12.0**	0.0	1.0	**13.0**	0.1		**8.3**	0.1	0.6
G4Z9CG	**9.7**	-0.3	0.0	**17.1**	0.2	0.0	**9.6**	-0.7	0.0	**8.9**	-0.9	0.0	**7.4**	-0.3	0.0
GA76WG	**9.9**	-0.2	0.2	**14.4**	-0.2	0.1	**12.0**	0.0	0.6	**11.6**	-0.3	0.5	**7.2**	-0.4	0.0
GK293W	**12.6**	0.3	2.8	**23.0**	1.1	2.1	**12.2**	0.0	2.1	**15.1**	0.6	1.0	**6.5**	-0.6	1.0
HEFFNB	**12.3**	0.3	1.0	**25.3**	1.4	1.5	**16.3**	1.2	0.6	**18.3**	1.4	1.9	**9.7**	0.6	0.8
J4NJZF	**10.0**	-0.2	0.8	**19.0**	0.5	0.6	**13.7**	0.5	0.6	**15.3**	0.7	0.5	**9.7**	0.6	0.6
JC7UDF	**10.6**	-0.1	0.1	**16.7**	0.1	0.2	**14.2**	0.6	0.0	**14.3**	0.4	0.1	**10.2**	0.8	0.1
JWQRU7	**11.4**	0.1	0.4	**14.9**	-0.1	0.6	**12.7**	0.2	0.4	**12.5**	0.0	0.6	**11.3**	1.2	1.1
JYX9QG	**11.4**	0.1	0.2	**25.3**	1.4	0.5	**13.9**	0.5	0.4	**15.8**	0.8	0.3	**9.2**	0.4	0.2
KCY8CT	**10.3**	-0.1	0.3	**14.2**	-0.2	0.1	**10.5**	-0.5	0.4	**12.8**	0.0	0.1	**8.6**	0.2	0.3
L78EEJ	**12.0**	0.2	2.0	**14.4**	-0.2	1.1	**11.6**	-0.1	1.9	**11.3**	-0.3	1.1	**9.1**	0.4	1.9
LRA7X6	**33.0**	4.4	0.9	**47.1**	4.6	0.9	**19.8**	2.2	0.9	**23.3**	2.6	0.5	**5.6**	-0.9	0.4
PKVQFJ	**17.9**	1.4	0.4	**26.5**	1.6	1.0	**20.3**	2.4	1.3	**20.4**	1.9	0.8	**13.3**	1.9	0.5
QN8YGM	**19.5**	1.7	1.4	**26.0**	1.5	2.2	**13.7**	0.5	0.5	**12.9**	0.1	2.3	**13.0**	1.8	2.7
QUFERW	**8.8**	-0.4	0.3	**15.1**	-0.1	1.8	**7.2**	-1.4	1.1	**9.4**	-0.8	0.2	**5.9**	-0.8	0.8
R2TT88	**3.4**	-1.5	0.3	**8.3**	-1.1	0.4	**5.8**	-1.8	0.1	**6.3**	-1.6	0.5	**6.3**	-0.7	0.8
TEVJP7	**11.0**	0.0	1.3	**15.7**	0.0	1.5	**12.3**	0.1	1.5	**9.3**	-0.8	1.4	**12.3**	1.5	0.6
UVZB72	**9.3**	-0.3	0.4	**14.0**	-0.3	0.6	**9.3**	-0.8	0.6	**10.7**	-0.5	0.5	**7.7**	-0.2	0.6

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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
ZAH9C4	**54.8**	8.8X	2.6	**59.1**	6.4X	2.3	**28.5**	4.7X	0.5	**33.8**	5.2X	5.5	**19.2**	4.1X	5.1

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	11.0	15.9	12.1	12.6	8.14
Median Abs Dev	1.5	1.8	1.7	2.6	1.29
Avg Within Lab SD	1.3	1.6	1.0	1.1	0.93
Labs Included	26	26	26	26	26
Labs Reporting	27	27	27	27	27

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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**329.7**	-0.1	0.2	**1,464.7**	0.1	0.1	**479.0**	0.0	0.1	**487.0**	-0.3	0.2	**544.0**	-0.4	0.2
8WPZU3	**222.9**	-1.4	0.3	**1,498.6**	0.2	0.1	**438.0**	-0.5	0.2	**462.7**	-0.5	0.6	**581.1**	0.0	1.2
CWVXUF	**365.4**	0.4	0.7	**1,843.0**	1.2	0.2	**527.9**	0.5	0.5	**552.9**	0.2	0.7	**687.0**	1.3	0.8
E9JJDF	**361.9**	0.3	0.5	**1,348.6**	-0.3	0.5	**440.0**	-0.4	0.2	**429.2**	-0.8	0.2	**511.0**	-0.8	0.3
EL427J	**287.3**	-0.6	0.2	**1,415.7**	-0.1	0.3	**462.3**	-0.2	0.1	**459.3**	-0.6	0.4	**547.0**	-0.4	0.4
HEFFNB	**354.0**	0.2	0.4	**2,052.0**	1.9	0.1	**664.3**	1.8	0.3	**709.0**	1.5	0.9	**585.0**	0.1	0.1
J4NJZF	**253.7**	-1.1	0.1	**1,253.3**	-0.6	0.1	**482.0**	0.0	0.1	**538.0**	0.1	0.1	**545.7**	-0.4	0.1
JWQRU7	**343.9**	0.1	0.2	**1,423.0**	-0.1	0.3	**407.4**	-0.8	0.2	**450.8**	-0.6	0.3	**579.4**	0.0	0.2
PKVQFJ	**277.0**	-0.8	0.1	**1,552.7**	0.3	0.2	**643.3**	1.6	0.2	**653.1**	1.0	0.2	**646.7**	0.8	0.3
QUFERW	**236.8**	-1.3	3.4	**2,529.3**	3.4	3.6	**688.2**	2.1	2.7	**699.0**	1.4	2.0	**740.7**	1.9	2.5
R2TT88	**393.6**	0.7	0.1	**1,373.5**	-0.2	0.1	**485.1**	0.0	0.4	**518.5**	-0.1	0.1	**657.1**	0.9	0.4
TEVJP7	**186.3**	-1.9	0.4	**1,537.0**	0.3	0.2	**521.0**	0.4	0.6	**661.3**	1.1	0.6	**490.7**	-1.1	0.6
UVZB72	**350.0**	0.2	0.3	**1,426.7**	-0.1	0.3	**456.7**	-0.3	0.8	**453.3**	-0.6	0.2	**526.7**	-0.7	0.9
ZAH9C4	**367.3**	0.4	1.2	**1,221.6**	-0.7	0.4	**560.0**	0.8	2.2	**615.9**	0.7	2.7	**624.1**	0.5	2.0

Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	336.8	1,445.7	483.6	528.3	580.3
Median Abs Dev	40.0	94.2	44.0	76.2	48.7
Avg Within Lab SD	32.9	122.8	42.2	32.5	37.7
Labs Included	14	14	14	14	14
Labs Reporting	14	14	14	14	14

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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**7.50**	0.79	0.36	**3.53**	0.62	0.89	**4.57**	0.69	0.63	**27.67**	0.53	2.42	**1.37**	0.83	0.56
68ZFPQ	**5.94**	-0.53	0.23	**2.68**	-0.37	0.19	**3.76**	-0.07	0.17	**23.03**	-0.10	0.25	**1.13**	-0.29	0.40
6TJM2J	**1.56**	-4.22	1.16	**1.25**	-2.03	0.85	**1.15**	-2.52	0.67	**2.43**	-2.93	0.18	**0.81**	-1.83	1.27
8WPZU3	**5.88**	-0.57	0.52	**2.86**	-0.16	0.32	**3.66**	-0.16	0.42	**21.10**	-0.37	0.77	**1.06**	-0.64	0.19
CWVXUF	**7.18**	0.52	1.52	**2.96**	-0.05	1.19	**4.52**	0.64	0.26	**28.55**	0.66	0.83	**1.22**	0.14	2.50
DP8FCX	**6.28**	-0.24	0.27	**2.98**	-0.03	0.65	**3.72**	-0.10	0.32	**21.42**	-0.32	0.75	**1.16**	-0.18	0.95
E9JJDF	**6.83**	0.22	0.95	**2.71**	-0.34	0.59	**3.66**	-0.16	0.66	**18.85**	-0.68	0.27	**1.16**	-0.17	0.68
EL427J	**6.02**	-0.46	0.69	**2.86**	-0.16	0.35	**3.96**	0.12	0.44	**21.33**	-0.34	0.50	**1.29**	0.48	0.65
FRQEHR	**7.33**	0.65	1.09	**3.00**	0.00		**3.97**	0.13	0.83	**27.57**	0.52	0.30	**0.70**	-2.35	0.00
G4Z9CG	**6.67**	0.09	0.00	**3.21**	0.24	0.00	**3.74**	-0.09	0.00	**21.16**	-0.36	0.00	**1.22**	0.13	0.00
GA76WG	**6.06**	-0.42	0.24	**2.78**	-0.25	0.18	**3.79**	-0.04	0.22	**23.64**	-0.02	0.10	**1.11**	-0.41	0.15
GK293W	**6.26**	-0.26	0.92	**4.03**	1.19	1.58	**4.88**	0.98	1.34	**30.63**	0.94	1.74	**1.05**	-0.67	2.11
HEFFNB	**7.21**	0.54	0.93	**4.78**	2.07	1.84	**5.94**	1.98	0.76	**32.70**	1.23	2.50	**1.28**	0.43	0.88
J4NJZF	**7.10**	0.45	0.94	**4.20**	1.39	1.74	**4.73**	0.85	0.63	**30.67**	0.95	0.46	**1.53**	1.62	1.48
JC7UDF	**7.24**	0.57	0.81	**3.27**	0.31	0.22	**4.49**	0.62	0.66	**28.03**	0.58	0.23	**1.16**	-0.16	0.68
JWQRU7	**6.33**	-0.20	0.63	**2.86**	-0.16	0.87	**3.25**	-0.55	0.50	**20.23**	-0.49	0.62	**1.10**	-0.45	0.86
JYX9QG	**7.04**	0.40	0.13	**5.20**	2.55	0.75	**5.27**	1.35	0.56	**31.00**	0.99	0.09	**1.22**	0.11	0.37
KCY8CT	**6.51**	-0.04	0.68	**2.92**	-0.09	0.32	**3.80**	-0.03	0.84	**24.38**	0.08	0.38	**1.31**	0.56	0.35
KMYV7B	**7.17**	0.51	1.08	**4.38**	1.60	0.97	**5.63**	1.69	1.35	**32.60**	1.21	0.60	**1.62**	2.03	1.25
L78EEJ	**7.05**	0.41	2.76	**2.67**	-0.39	0.99	**3.68**	-0.14	0.95	**21.23**	-0.35	0.64	**1.28**	0.40	0.95
LRA7X6	**1.66**	-4.13X	0.50	**9.97**	8.08X	1.41	**2.09**	-1.63	0.52	**23.78**	0.00	0.13	**1.74**	2.60	0.78
PKVQFJ	**6.57**	0.00	0.58	**4.19**	1.38	0.41	**5.27**	1.35	0.54	**33.13**	1.29	0.82	**1.19**	0.00	0.57
QN8YGM	**4.83**	-1.46	0.21	**3.37**	0.42	1.21	**2.83**	-0.94	1.75	**8.97**	-2.04	0.17	**1.13**	-0.29	0.56
QUFERW	**6.40**	-0.14	0.94	**2.60**	-0.46	1.54	**3.83**	0.00	3.32	**21.17**	-0.36	1.24	**1.17**	-0.13	1.12
R2TT88	**7.37**	0.67	0.50	**3.11**	0.13	0.13	**4.33**	0.46	0.61	**24.81**	0.14	0.20	**1.22**	0.14	0.33
TEVJP7	**9.58**	2.54	0.17	**3.87**	1.01	1.99	**26.61**	21.41X	13.80	**1.65**	-3.04X	0.06	**2.17**	4.64X	1.28

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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
UVZB72	**5.63**	-0.79	1.60	**2.37**	-0.73	0.34	**3.23**	-0.56	0.31	**20.67**	-0.43	1.21	**1.00**	-0.92	
ZAH9C4	**5.94**	-0.53	1.77	**3.07**	0.08	1.26	**4.21**	0.35	1.46	**26.00**	0.31	2.04	**1.25**	0.27	1.35

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	6.57	3.00	3.83	23.8	1.19
Median Abs Dev	0.61	0.32	0.58	3.5	0.09
Avg Within Lab SD	0.28	0.17	0.18	1.3	0.10
Labs Included	27	27	27	27	27
Labs Reporting	28	28	28	28	28

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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**128.0**	-0.1	0.4	**73.7**	0.3	0.7	**66.7**	0.3	0.7	**118.0**	0.0	0.4	**36.7**	0.0	0.7
68ZFPQ	**104.3**	-0.9	0.1	**60.0**	-0.9	0.3	**49.7**	-0.9	0.3	**105.7**	-0.5	0.7	**41.3**	1.1	0.3
6TJM2J	**91.1**	-1.3	0.3	**60.5**	-0.9	0.9	**40.2**	-1.5	0.3	**94.7**	-1.0	1.0	**35.5**	-0.3	1.8
8WPZU3	**107.7**	-0.8	0.3	**70.8**	0.1	0.1	**50.1**	-0.8	0.5	**104.6**	-0.5	0.7	**35.7**	-0.2	0.9
CWVXUF	**118.7**	-0.4	0.1	**68.5**	-0.1	1.2	**59.5**	-0.2	0.6	**119.4**	0.1	2.4	**43.3**	1.5	2.0
DP8FCX	**129.1**	-0.1	0.0	**68.6**	-0.1	0.0	**54.3**	-0.6	0.2	**105.6**	-0.5	0.2	**35.7**	-0.2	0.1
E9JJDF	**129.3**	0.0	0.6	**61.8**	-0.8	1.6	**54.7**	-0.5	0.8	**94.3**	-1.0	0.3	**31.0**	-1.3	0.8
EL427J	**117.3**	-0.5	0.3	**67.8**	-0.2	0.4	**55.9**	-0.5	0.4	**101.3**	-0.7	0.2	**33.3**	-0.8	0.3
FRQEHR	**178.3**	1.6	0.7	**84.7**	1.3	0.4	**73.7**	0.7	0.3	**123.3**	0.3	0.4	**41.7**	1.1	0.3
G4Z9CG	**143.9**	0.4	0.0	**84.6**	1.3	0.0	**60.9**	-0.1	0.0	**110.5**	-0.3		**35.3**	-0.3	0.0
GA76WG	**173.8**	1.5	0.0	**86.6**	1.5	0.2	**79.5**	1.1	0.1	**137.4**	0.9	0.1	**42.5**	1.3	0.1
GK293W	**94.5**	-1.2	1.0	**81.1**	1.0	1.1	**64.6**	0.1	1.6	**124.7**	0.3	1.9	**36.4**	-0.1	1.3
HEFFNB	**138.3**	0.3	1.2	**111.3**	3.8X	0.5	**86.3**	1.6	1.5	**157.3**	1.8	1.5	**38.7**	0.5	0.3
J4NJZF	**130.7**	0.0	0.3	**62.3**	-0.7	0.5	**69.7**	0.5	0.3	**133.7**	0.7	0.6	**36.7**	0.0	0.9
JC7UDF	**110.0**	-0.7	0.2	**55.3**	-1.4	0.0	**65.3**	0.2	0.1	**126.5**	0.4	0.3	**37.4**	0.2	0.5
JWQRU7	**135.2**	0.2	0.6	**73.2**	0.3	0.2	**53.4**	-0.6	0.5	**114.1**	-0.1	0.8	**41.8**	1.2	0.4
KCY8CT	**121.6**	-0.3	0.6	**58.8**	-1.0	0.2	**57.1**	-0.4	0.2	**116.9**	0.0	0.0	**37.9**	0.3	0.4
KMYV7B	**173.6**	1.5	2.5	**72.0**	0.2	1.7	**84.5**	1.4	1.6	**32.6**	-3.7X	0.1	**1.6**	-8.1X	0.1
L78EEJ	**125.7**	-0.2	0.6	**72.7**	0.2	0.6	**57.8**	-0.3	0.3	**111.2**	-0.3	0.6	**39.1**	0.6	1.3
LRA7X6	**174.6**	1.5	0.5	**81.2**	1.0	0.3	**87.3**	1.6	0.2	**167.3**	2.2	0.8	**40.0**	0.8	0.8
PKVQFJ	**161.4**	1.0	0.6	**81.3**	1.0	0.3	**83.1**	1.4	0.2	**161.6**	2.0	0.1	**39.5**	0.7	0.4
QN8YGM	**130.7**	0.0	0.3	**66.8**	-0.3	0.1	**53.2**	-0.6	0.3	**107.6**	-0.4	0.7	**32.7**	-0.9	0.7
QUFERW	**84.6**	-1.6	1.4	**70.3**	0.0	1.3	**50.4**	-0.8	0.5	**96.4**	-0.9	0.5	**34.4**	-0.5	1.4
R2TT88	**150.2**	0.7	0.2	**69.0**	-0.1	0.3	**67.1**	0.3	0.5	**124.1**	0.3	0.1	**44.6**	1.8	0.6
TEVJP7	**174.7**	1.5	1.2	**83.7**	1.3	0.7	**114.3**	3.4X	1.8	**51.3**	-2.9X	0.6	**278.0**	55.5X	6.7
UVZB72	**131.7**	0.0	1.3	**70.0**	0.0	1.2	**66.7**	0.3	1.6	**98.3**	-0.8	0.5	**33.0**	-0.8	1.5

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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
ZAH9C4	**135.1**	0.2	3.2	**56.9**	-1.2	3.5	**67.4**	0.3	3.6	**130.9**	0.6	2.5	**34.8**	-0.4	2.2

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	130.7	70.2	62.7	116.9	36.7
Median Abs Dev	13.3	8.1	8.2	11.3	2.4
Avg Within Lab SD	6.0	3.0	3.7	5.4	1.8
Labs Included	27	26	26	25	25
Labs Reporting	27	27	27	27	27

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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**174.0**	1.3	0.3	**144.0**	0.6	0.6	**261.0**	1.2	0.2	**140.0**	1.0	0.2	**252.7**	0.9	0.9
68ZFPQ	**126.3**	-0.9	0.1	**114.3**	-0.4	0.2	**180.7**	-0.6	0.2	**106.3**	-0.5	0.1	**214.3**	-0.3	0.2
6TJM2J	**146.4**	0.0	0.7	**154.0**	0.9	1.1	**228.5**	0.5	0.6	**124.2**	0.3	0.3	**251.3**	0.9	1.8
8WPZU3	**117.9**	-1.3	0.3	**117.9**	-0.3	0.2	**184.5**	-0.5	0.5	**100.2**	-0.7	0.2	**200.1**	-0.7	0.5
CWVXUF	**142.3**	-0.2	1.4	**119.9**	-0.2	1.7	**215.1**	0.2	0.6	**109.9**	-0.3	0.3	**237.2**	0.4	0.3
DP8FCX	**142.6**	-0.2	0.1	**126.5**	0.0	0.2	**200.0**	-0.2	0.3	**105.9**	-0.5	0.1	**212.5**	-0.4	0.1
E9JJDF	**147.2**	0.0	0.8	**117.5**	-0.3	0.5	**188.0**	-0.5	0.7	**94.8**	-1.0	0.1	**185.2**	-1.2	0.5
EL427J	**128.3**	-0.8	0.8	**113.7**	-0.4	0.4	**194.7**	-0.3	0.9	**102.1**	-0.6	0.2	**194.7**	-0.9	0.5
FRQEHR	**195.0**	2.2	0.8	**160.0**	1.1	0.2	**251.3**	1.0	0.3	**140.3**	1.0	0.1	**252.7**	0.9	0.1
G4Z9CG	**156.6**	0.5	0.0	**151.7**	0.8	0.0	**205.3**	-0.1	0.0	**116.3**	0.0	0.0	**216.5**	-0.2	
GA76WG	**174.8**	1.3	0.1	**149.6**	0.8	0.2	**286.0**	1.8	0.1	**144.1**	1.2	0.1	**302.3**	2.4	0.2
GK293W	**141.2**	-0.2	0.2	**196.2**	2.3	0.6	**273.0**	1.5	0.4	**163.2**	2.0	0.4	**266.1**	1.3	1.9
HEFFNB	**146.7**	0.0	1.1	**214.3**	2.9	1.7	**303.3**	2.2	1.6	**170.3**	2.3	0.1	**224.0**	0.0	0.7
J4NJZF	**127.7**	-0.9	0.3	**98.7**	-0.9	0.3	**202.7**	-0.1	0.2	**123.0**	0.3	0.2	**171.0**	-1.7	0.2
JC7UDF	**127.8**	-0.9	0.7	**87.2**	-1.2	0.0	**212.1**	0.1	0.2	**116.2**	0.0	0.0	**202.3**	-0.7	0.2
JWQRU7	**139.7**	-0.3	0.1	**121.4**	-0.1	0.6	**193.0**	-0.3	0.4	**108.9**	-0.3	0.2	**225.2**	0.0	0.3
KCY8CT	**131.3**	-0.7	0.6	**106.3**	-0.6	0.2	**206.3**	0.0	1.4	**111.4**	-0.2	0.1	**214.8**	-0.3	0.4
KMYV7B	**163.0**	0.8	2.0	**107.2**	-0.6	0.7	**267.4**	1.4	2.1	**144.4**	1.2	0.9	**217.3**	-0.2	1.7
L78EEJ	**140.9**	-0.3	0.4	**131.1**	0.2	0.1	**207.8**	0.0	0.7	**114.5**	-0.1	0.2	**225.3**	0.0	0.3
LRA7X6	**163.1**	0.8	0.4	**115.1**	-0.3	0.3	**260.4**	1.2	0.2	**144.1**	1.2	0.3	**223.8**	0.0	0.5
PKVQFJ	**163.0**	0.8	0.1	**125.8**	0.0	0.2	**276.3**	1.6	0.5	**141.7**	1.1	0.1	**233.7**	0.3	0.2
QN8YGM	**151.3**	0.2	0.7	**127.0**	0.0	0.7	**205.0**	-0.1	0.5	**121.5**	0.2	0.2	**202.3**	-0.7	0.4
QUFERW	**139.7**	-0.3	2.5	**162.0**	1.2	3.3	**205.6**	-0.1	2.2	**105.9**	-0.5	4.7	**253.8**	0.9	2.0
R2TT88	**151.3**	0.2	0.1	**116.9**	-0.3	0.5	**221.3**	0.3	0.7	**117.3**	0.0	0.1	**241.0**	0.5	0.5
TEVJP7	**201.0**	2.5	0.9	**156.0**	1.0	0.6	**149.0**	-1.4	0.7	**282.3**	7.2**X**	0.7	**261.0**	1.2	0.6
UVZB72	**144.3**	-0.1	0.7	**128.3**	0.1	1.0	**195.0**	-0.3	0.8	**115.0**	-0.1	0.3	**210.0**	-0.4	0.8

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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
ZAH9C4	**157.1**	0.5	2.7	**100.1**	-0.8	2.1	**228.7**	0.5	2.7	**137.2**	0.9	1.5	**245.8**	0.7	2.9

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	146.4	125.8	207.8	116.8	224.0
Median Abs Dev	10.8	18.2	19.9	10.9	21.7
Avg Within Lab SD	8.2	7.6	10.9	15.9	12.3
Labs Included	27	27	27	26	27
Labs Reporting	27	27	27	27	27

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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**2.5**	-0.3	0.2	**10.2**	0.0	0.4	**1.1**	-0.1	1.0	**2.9**	-0.3	0.3	**0.8**	0.0	0.0
68ZFPQ	**2.2**	-0.8	0.2	**8.8**	-0.6	0.1	**1.1**	-0.2	0.1	**2.8**	-0.5	0.1	**0.7**	-0.3	0.0
6TJM2J	**1.1**	-3.0	0.1	**1.5**	-3.3X	0.1	**1.0**	-0.6	0.3	**1.1**	-2.5	0.5	**0.9**	0.6	0.5
8WPZU3	**2.3**	-0.7	0.2	**9.8**	-0.2	0.4	**1.1**	-0.1	0.5	**2.9**	-0.3	0.6	**0.7**	-0.2	0.2
CWVXUF	**2.6**	0.0	0.2	**10.3**	0.0	0.5	**1.3**	0.7	0.6	**3.2**	0.1	0.4	**1.1**	1.5	0.5
DP8FCX	**2.4**	-0.5	0.0	**10.1**	-0.1	0.1	**1.0**	-0.5	0.1	**2.8**	-0.4	0.3	**0.7**	-0.3	0.1
E9JJDF	**2.5**	-0.2	0.2	**8.9**	-0.5	0.3	**0.9**	-0.9	0.5	**2.6**	-0.7	0.2	**0.5**	-0.9	0.2
EL427J	**2.2**	-0.9	0.5	**8.9**	-0.5	0.3	**1.1**	-0.1	0.2	**2.6**	-0.7	0.3	**0.8**	0.0	0.2
FRQEHR	**3.0**	0.6	0.4	**10.1**	-0.1	0.4	**1.0**	-0.3	0.6	**3.1**	0.0	0.3	**0.6**	-0.5	0.2
G4Z9CG	**2.7**	0.2	0.0	**10.1**	-0.1	0.0	**1.2**	0.2	0.0	**2.9**	-0.3	0.0	**0.8**	0.3	0.0
GA76WG	**2.8**	0.2	0.2	**11.2**	0.3	0.3	**1.3**	0.7	0.3	**3.4**	0.3	0.2	**0.9**	0.6	0.1
GK293W	**2.4**	-0.5	0.6	**14.6**	1.6	0.4	**1.2**	0.4	2.2	**3.6**	0.6	1.5	**0.6**	-0.6	0.2
HEFFNB	**2.8**	0.3	0.3	**16.0**	2.1	0.7	**1.6**	1.9	0.3	**4.5**	1.7	1.7	**0.7**	-0.2	0.1
J4NJZF	**2.4**	-0.5	0.7	**13.0**	1.0		**1.6**	1.6	1.5	**4.3**	1.4	1.1	**0.6**	-0.5	0.6
JC7UDF	**2.6**	0.0	0.1	**10.6**	0.1	0.3	**1.2**	0.2	0.1	**3.4**	0.3	0.2	**0.8**	0.0	0.0
JWQRU7	**2.4**	-0.4	0.2	**10.0**	-0.1	1.2	**0.9**	-0.9	0.2	**2.9**	-0.3	0.5	**0.6**	-0.5	0.0
JYX9QG	**2.7**	0.2	0.1	**17.3**	2.6	0.4	**1.4**	1.1	0.2	**4.2**	1.4	0.2	**0.7**	-0.2	0.1
KCY8CT	**2.5**	-0.2	0.3	**10.3**	0.0	0.5	**1.0**	-0.3	0.5	**3.3**	0.2	0.3	**0.8**	0.1	0.2
KMYV7B	**3.2**	1.0	0.4	**14.7**	1.6	1.0	**1.8**	2.4	1.1	**4.7**	1.9	1.8	**1.0**	1.2	0.5
L78EEJ	**3.1**	0.9	1.0	**10.3**	0.0	0.6	**1.1**	0.0	0.5	**3.1**	-0.1	0.3	**0.8**	0.1	0.1
LRA7X6	**2.7**	0.1	0.3	**14.5**	1.6	0.4	**1.2**	0.3	0.7	**4.2**	1.3	0.5	**0.5**	-0.9	0.1
PKVQFJ	**2.7**	0.2	0.3	**15.7**	2.0	0.8	**1.8**	2.3	0.9	**4.1**	1.2	0.8	**0.9**	0.6	0.3
QN8YGM	**6.0**	6.6X	1.4	**10.2**	0.0	3.1	**1.2**	0.2	0.6	**2.6**	-0.6	0.3	**1.0**	1.0	0.2
QUFERW	**3.5**	1.7	4.8	**9.5**	-0.3	2.3	**1.0**	-0.3	3.2	**3.0**	-0.1	2.1	**2.0**	5.4	4.9
R2TT88	**3.0**	0.6	0.2	**11.1**	0.3	0.2	**1.2**	0.4	0.1	**3.3**	0.3	0.1	**0.8**	0.4	0.2
TEVJP7	**3.5**	1.8	0.7	**14.3**	1.5	1.9	**3.6**	8.7X	2.4	**1.0**	-2.6X	0.3	**87.5**	377.8X	36.3

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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
UVZB72	**2.1**	-1.1	0.3	**9.1**	-0.5	0.5	**0.9**	-0.9	0.6	**2.7**	-0.6	1.3	**0.5**	-1.1	
ZAH9C4	**2.0**	-1.2	0.8	**11.8**	0.5	0.9	**0.9**	-0.7	1.8	**3.3**	0.2	3.0	**0.7**	-0.2	0.4

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	2.64	10.3	1.12	3.13	0.75
Median Abs Dev	0.25	0.8	0.12	0.29	0.12
Avg Within Lab SD	0.37	0.7	0.10	0.20	0.25
Labs Included	27	27	27	27	27
Labs Reporting	28	28	28	28	28

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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**0.77**	-0.07	0.14	**0.91**	-0.12	0.26	**0.90**	0.00	0.13	**0.89**	-0.19	0.18	**0.35**	0.29	0.30
6TJM2J	**0.26**	-1.88	0.04	**0.26**	-2.73	0.20	**0.26**	-2.54	0.04	**0.28**	-2.47	0.19	**0.15**	-0.71	0.31
8WPZU3	**0.79**	-0.02	0.10	**0.90**	-0.16	0.21	**0.78**	-0.45	0.19	**0.97**	0.11	0.46	**0.17**	-0.63	0.10
DP8FCX	**0.92**	0.43	0.14	**0.96**	0.07	0.04	**0.94**	0.17	0.14	**0.95**	0.02	0.04	**0.43**	0.73	0.01
E9JJDF	**0.77**	-0.09	0.45	**0.76**	-0.75	0.41	**0.74**	-0.62	0.19	**0.79**	-0.56	0.32	**0.12**	-0.88	0.10
EL427J	**0.87**	0.27	0.18	**0.88**	-0.24	0.16	**0.81**	-0.33	0.13	**0.91**	-0.10	0.14	**0.25**	-0.22	0.22
FRQEHR	**0.97**	0.61	0.77	**1.20**	1.02	1.02	**1.07**	0.67	0.97	**0.90**	-0.15	0.89	**1.03**	3.78	1.00
G4Z9CG	**1.07**	0.97	0.00	**1.10**	0.62	0.00	**0.95**	0.21	0.00	**1.06**	0.45	0.00	**0.30**	0.05	0.00
GA76WG	**0.79**	0.00	0.10	**0.95**	0.02	0.06	**1.17**	1.09	0.11	**1.06**	0.43	0.27	**0.48**	0.95	0.55
GK293W	**0.99**	0.68	0.13	**1.49**	2.17	0.47	**1.16**	1.03	0.22	**1.33**	1.46	0.82	**0.35**	0.32	0.43
J4NJZF	**0.70**	-0.33	0.66	**0.97**	0.09	0.59	**0.67**	-0.91	0.37	**0.87**	-0.27	0.52	**0.10**	-0.97	0.00
JC7UDF	**0.96**	0.58	0.07	**1.01**	0.28	0.16	**0.96**	0.26	0.10	**1.21**	1.02	0.19	**0.35**	0.32	0.13
JWQRU7	**0.72**	-0.26	0.18	**0.72**	-0.88	0.62	**0.61**	-1.14	0.00	**0.77**	-0.62	0.29	**0.20**	-0.46	0.09
KCY8CT	**0.86**	0.22	0.22	**0.94**	0.00	0.52	**0.82**	-0.31	0.32	**1.08**	0.53	0.49	**0.25**	-0.21	0.33
L78EEJ	**1.99**	4.20	3.38	**1.36**	1.65	0.89	**1.19**	1.17	1.44	**1.39**	1.66	2.21	**0.53**	1.23	0.44
PKVQFJ	**0.96**	0.58	0.18	**1.19**	1.00	0.79	**1.33**	1.73	0.51	**1.30**	1.33	0.31	**0.50**	1.08	0.28
QN8YGM	**0.70**	-0.31	0.56	**0.74**	-0.80	0.83	**0.92**	0.11	3.18	**0.76**	-0.66	0.10	**0.33**	0.20	0.26
QUFERW	**0.74**	-0.19	2.71	**0.84**	-0.43	3.84	**0.81**	-0.36	2.17	**0.94**	0.00	3.41	**0.29**	0.00	3.89
R2TT88	**0.90**	0.37	0.13	**0.97**	0.10	0.39	**0.92**	0.09	0.15	**1.02**	0.29	0.07	**0.14**	-0.78	0.36
TEVJP7	**3.52**	9.54X	4.27	**3.50**	10.21X	8.35	**2.67**	7.02X	3.51	**2.19**	4.67X	1.69	**3.07**	14.12X	4.75
UVZB72	**0.72**	-0.24	0.25	**0.77**	-0.71	0.59	**0.73**	-0.65	0.37	**0.70**	-0.89	0.89	**0.23**	-0.29	0.50
ZAH9C4	**0.26**	-1.87	0.62	**0.86**	-0.32	1.00	**0.82**	-0.32	1.50	**0.68**	-0.96	1.00	**0.28**	-0.07	1.82

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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Mult-Element Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.79	0.94	0.90	0.94	0.29
Median Abs Dev	0.09	0.11	0.11	0.14	0.09
Avg Within Lab SD	0.15	0.10	0.16	0.11	0.12
Labs Included	21	21	21	21	21
Labs Reporting	22	22	22	22	22

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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**1.50**	-0.48		**0.52**	-1.01	0.25	**1.81**	-0.94	0.43	**9.16**	-0.75	0.71	**0.43**	-0.83	0.30
3UZ3DA	**1.48**	-0.54	0.40	**0.61**	-0.75	0.44	**1.95**	-0.67	0.31	**10.06**	-0.41	0.09	**0.57**	0.19	2.23
4G8ZB8	**1.93**	0.55	0.41	**1.08**	0.65	0.12	**2.68**	0.83	0.32	**12.78**	0.64	0.29	**0.65**	0.69	0.49
632WAQ	**1.50**	-0.48		**0.71**	-0.45	0.20	**2.03**	-0.49	0.42	**9.70**	-0.55	0.27	**0.69**	0.96	1.58
667R8V	**1.44**	-0.64	0.27	**0.57**	-0.87	0.66	**2.03**	-0.49	1.64	**8.62**	-0.96	0.90	**0.67**	0.82	0.69
67433X	**1.69**	-0.03	0.32	**0.56**	-0.91	0.07	**1.66**	-1.26	0.08	**9.73**	-0.54	0.43	**0.55**	0.00	0.11
7VEVHY	**1.77**	0.16	0.51	**0.80**	-0.18	1.18	**2.03**	-0.49	0.42	**10.73**	-0.15	0.47	**0.60**	0.37	1.95
97CDBD	**1.60**	-0.25	1.63	**0.92**	0.18	0.41	**2.38**	0.22	0.56	**12.80**	0.64	0.70	**0.46**	-0.60	0.59
BWWDRL	**1.45**	-0.61	0.00	**0.86**	0.00	0.29	**2.43**	0.31	0.26	**11.49**	0.14	0.48	**0.44**	-0.72	0.13
BZXGJ9	**1.33**	-0.88	0.51	**0.77**	-0.28	1.36	**2.23**	-0.08	0.42	**12.30**	0.45	0.27	**0.33**	-1.47	1.13
C94NU3	**1.44**	-0.63	0.22	**0.86**	0.00	0.21	**2.09**	-0.38	0.43	**11.36**	0.09	0.49	**0.42**	-0.89	0.18
CAZ2GV	**1.84**	0.32	1.11	**1.09**	0.67	1.58	**2.82**	1.13	1.13	**14.34**	1.23	1.29	**0.57**	0.16	0.90
DNU9NV	**1.80**	0.23	0.18	**0.77**	-0.27	0.06	**2.45**	0.35	3.46	**10.85**	-0.10	0.19	**0.63**	0.54	0.15
DP8FCX	**2.80**	2.63	0.32	**1.33**	1.39	0.60	**1.66**	-1.25	0.20	**9.56**	-0.60	0.58	**0.52**	-0.21	0.86
FJX2KD	**2.83**	2.70	0.94	**1.74**	2.62	0.77	**3.06**	1.61	0.05	**16.81**	2.18	0.49	**0.69**	0.99	0.44
GA76WG	**2.51**	1.93	0.19	**1.16**	0.89	0.40	**1.80**	-0.97	0.09	**10.34**	-0.30	0.11	**0.67**	0.86	0.42
GK293W	**1.39**	-0.75	3.72	**1.17**	0.91	2.53	**2.35**	0.16	1.83	**14.01**	1.11	4.70	**0.77**	1.56	1.52
HAKLTV	**1.75**	0.11	0.28	**0.62**	-0.72	0.47	**2.15**	-0.26	0.52	**9.83**	-0.50	1.01	**0.43**	-0.83	0.88
HLE8VJ	**1.69**	-0.04	0.18	**1.07**	0.62	0.12	**2.56**	0.58	1.19	**10.68**	-0.17	0.54	**0.65**	0.71	1.22
JBLB7N	**2.06**	0.86	0.51	**0.69**	-0.51	0.57	**2.28**	0.02	0.57	**10.70**	-0.16	0.41	**0.67**	0.83	0.92
JYX9QG	**2.25**	1.31	0.69	**1.35**	1.46	0.69	**3.26**	2.02	0.07	**16.18**	1.94	0.15	**0.55**	0.02	0.10
JZRX9C	**1.89**	0.44	0.52	**0.66**	-0.59	0.68	**2.07**	-0.43	0.35	**10.75**	-0.14	0.93	**0.61**	0.44	0.24
KFYB4F	**1.77**	0.16	1.84	**0.77**	-0.28	2.61	**2.83**	1.14	1.70	**13.00**	0.72	1.33	**0.43**	-0.83	2.16
KMYV7B	**1.35**	-0.83	1.24	**0.68**	-0.53	1.08	**2.27**	0.00	0.99	**12.42**	0.50	1.22	**0.45**	-0.66	1.53
LCWXX2	**1.38**	-0.77	1.32	**0.15**	-2.13	1.87	**1.83**	-0.91	1.92	**13.48**	0.90	0.42			
N29KUM	**1.60**	-0.24	0.00	**0.67**	-0.58	0.68	**1.87**	-0.83	0.42	**9.93**	-0.46	0.28	**0.40**	-1.01	0.00

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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
NYXZNY	**2.60**	2.14		**2.00**	3.39X					**26.20**	5.79X				
PKWW77	**1.57**	-0.31	2.04	**0.89**	0.08	0.25	**2.23**	-0.09	1.17	**10.96**	-0.06	0.31	**0.48**	-0.48	0.69
QPMFD2	**1.40**	-0.72	0.88	**0.77**	-0.28	0.68	**1.97**	-0.63	0.42	**10.87**	-0.10	0.08	**0.37**	-1.24	1.13
RR42LF	**2.00**	0.71	0.36	**1.15**	0.85	3.06	**2.41**	0.28	0.37	**18.90**	2.99	0.09	**0.39**	-1.09	0.98
TEVJP7	**1.73**	0.08	1.35	**0.64**	-0.67	0.79	**2.39**	0.24	0.63	**11.12**	0.00	2.16	**0.56**	0.09	0.89
TJQDKL	**2.71**	2.40	0.18	**1.25**	1.16	0.12	**1.66**	-1.25	0.07	**10.55**	-0.22	0.14	**0.51**	-0.28	0.30
UR2WJB	**1.71**	0.03	0.42	**0.54**	-0.96	0.12	**1.79**	-0.99	0.39	**8.33**	-1.07	0.37	**0.53**	-0.11	0.39
WGDABY	**1.65**	-0.12	0.14	**0.88**	0.07	0.25	**2.43**	0.32	0.19	**13.72**	1.00	0.81	**0.38**	-1.12	0.30
XEYU96	**1.73**	0.07	0.15	**1.03**	0.50	0.12	**2.76**	1.00	0.77	**12.40**	0.49	0.13	**0.49**	-0.41	0.11
XFC7BF	**1.93**	0.55	1.02	**1.10**	0.71	0.00	**2.80**	1.08	0.74	**14.57**	1.32	0.20	**0.60**	0.37	0.00
YPCE8R	**1.67**	-0.08	0.31	**0.97**	0.32	0.12	**2.47**	0.39	0.55	**13.46**	0.90	0.10	**0.46**	-0.60	0.34
YX9DHD	**2.10**	0.95	0.88	**0.91**	0.15	0.48	**2.67**	0.80	0.85	**13.03**	0.73	0.08	**0.72**	1.19	0.59
ZAH9C4	**1.69**	-0.03	0.49	**1.07**	0.61	0.65	**2.75**	0.97	1.92	**12.79**	0.64	0.44	**0.66**	0.80	2.12
ZF42QN	**1.60**	-0.24	0.00	**0.70**	-0.48	0.00	**2.07**	-0.42	0.42	**9.97**	-0.44	0.08	**2.27**	11.84X	2.98

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.70	0.86	2.27	11.1	0.55
Median Abs Dev	0.21	0.20	0.28	1.4	0.10
Avg Within Lab SD	0.11	0.08	0.14	0.8	0.05
Labs Included	40	39	39	39	37
Labs Reporting	40	40	39	40	38

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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**1.98**	0.40	0.07	**1.97**	-0.28	0.36	**7.75**	-0.20	0.22	**4.24**	-0.15	0.19	**26.36**	0.27	0.10
3UZ3DA	**1.03**	-0.53	0.45	**1.61**	-0.51	0.41	**6.84**	-0.40	0.38	**3.22**	-0.52	1.10	**29.03**	0.98	0.66
4G8ZB8	**1.99**	0.41	0.05	**3.03**	0.41	0.41	**11.03**	0.54	0.08	**6.07**	0.52	0.84	**21.93**	-0.90	1.30
632WAQ	**0.52**	-1.04	0.34	**1.24**	-0.75	0.20	**5.41**	-0.72	0.15	**3.39**	-0.46	0.14	**25.72**	0.10	0.26
667R8V	**1.32**	-0.25	0.61	**1.37**	-0.67	0.25	**5.77**	-0.64	0.88	**3.12**	-0.56	1.07	**22.17**	-0.84	0.55
67433X	**0.70**	-0.85	0.07	**1.35**	-0.68	0.04	**4.68**	-0.88	0.03	**2.51**	-0.78	0.03	**22.39**	-0.78	0.07
7VEVHY	**1.67**	0.09	0.25	**2.40**	0.00	0.35	**8.10**	-0.12	0.13	**5.17**	0.19	0.12	**27.03**	0.45	0.27
97CDBD	**1.41**	-0.16	1.50	**2.75**	0.23	0.97	**9.20**	0.13	1.02	**5.29**	0.24	1.50	**23.83**	-0.40	0.49
BWWDRL	**2.42**	0.83	0.47	**3.85**	0.94	0.25	**13.73**	1.14	0.80	**7.71**	1.12	0.25	**21.90**	-0.91	0.16
BZXGJ9	**1.13**	-0.43	0.25	**2.70**	0.19	0.00	**8.00**	-0.14	0.13	**4.23**	-0.15	0.12	**25.33**	0.00	0.19
C94NU3	**0.40**	-1.15	0.07	**1.45**	-0.61	0.11	**4.84**	-0.85	0.03	**3.14**	-0.55	0.04	**18.51**	-1.80	0.58
CAZ2GV	**2.28**	0.69	1.99	**4.06**	1.07	2.24	**12.27**	0.81	1.61	**7.48**	1.04	2.35	**27.03**	0.45	0.87
DNU9NV	**2.08**	0.50	0.75	**3.06**	0.43	0.67	**9.54**	0.20	0.05	**4.98**	0.12	0.48	**28.50**	0.84	0.88
FJX2KD	**1.48**	-0.09	1.07	**1.93**	-0.30	0.94	**7.17**	-0.33	0.85	**4.06**	-0.21	1.35	**23.50**	-0.48	0.60
GK293W	**1.33**	-0.24	0.76	**3.52**	0.73	1.62	**10.29**	0.37	2.66	**5.36**	0.26	1.06	**21.07**	-1.13	3.47
HAKLTV	**1.08**	-0.48	0.69	**1.50**	-0.58	0.42	**6.12**	-0.56	0.13	**3.02**	-0.59	0.46	**24.30**	-0.27	0.46
HLE8VJ	**1.97**	0.39	0.40	**4.73**	1.51	0.71	**9.86**	0.27	0.57	**5.06**	0.15	0.78	**25.72**	0.10	1.15
JBLB7N	**2.34**	0.75	0.51	**2.26**	-0.09	0.35	**11.38**	0.61	0.60	**5.67**	0.37	0.77	**27.83**	0.66	0.66
JYX9QG	**1.66**	0.09	0.33	**4.22**	1.18	0.59	**13.52**	1.09	0.17	**7.06**	0.88	0.26	**27.28**	0.51	0.09
JZRX9C	**2.29**	0.71	2.31	**2.79**	0.26	0.86	**11.40**	0.62	0.68	**6.70**	0.75	2.06	**28.42**	0.82	1.12
KFYB4F	**0.90**	-0.66	0.50	**2.17**	-0.15	1.73	**11.67**	0.68	1.50	**4.57**	-0.03	0.52	**23.33**	-0.53	1.18
KMYV7B	**1.74**	0.16	1.33	**2.83**	0.28	1.22	**11.32**	0.60	1.47	**5.62**	0.36	0.32	**25.59**	0.07	1.69
LCWXX2	**7.35**	5.66X	3.75	**5.89**	2.26	2.62	**16.25**	1.70	0.37	**13.00**	3.05	1.19	**25.70**	0.10	0.46
N29KUM	**0.57**	-0.99	0.25	**1.27**	-0.73	0.20	**4.90**	-0.83	0.13	**2.87**	-0.65	0.32	**21.67**	-0.97	0.04
PKWW77	**0.69**	-0.87	0.48	**1.44**	-0.62	0.83	**4.98**	-0.82	0.16	**2.40**	-0.82	1.10	**25.39**	0.01	0.48
QPMFD2	**0.87**	-0.69	0.25	**1.27**	-0.73	0.73	**6.70**	-0.43	0.26	**2.77**	-0.69	0.12	**21.23**	-1.08	1.96

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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
RR42LF	**2.61**	1.02	0.16	**2.82**	0.27	0.32	**5.61**	-0.67	0.04	**4.65**	0.00	0.20	**21.54**	-1.00	0.05
TEVJP7	**0.91**	-0.65	0.46	**1.80**	-0.39	0.79	**8.63**	0.00	0.40	**3.27**	-0.50	0.86	**33.95**	2.28	1.14
TJQDKL	**3.21**	1.60	2.46	**1.62**	-0.50	0.80	**4.31**	-0.97	0.38	**3.20**	-0.53	0.64	**28.39**	0.81	0.11
UR2WJB	**0.74**	-0.81	0.18	**1.02**	-0.90	0.56	**4.79**	-0.86	0.55	**2.14**	-0.92	0.69	**24.96**	-0.10	1.35
WGDABY	**0.40**	-1.15	0.00	**1.33**	-0.69	0.20	**5.47**	-0.71	0.40	**2.80**	-0.68	0.41	**21.27**	-1.08	0.80
XEYU96	**2.27**	0.68	0.11	**4.17**	1.15	0.16	**15.77**	1.59	0.15	**5.37**	0.26	0.24	**24.73**	-0.16	0.82
XFC7BF	**1.67**	0.09	2.47	**3.00**	0.39		**9.33**	0.16	0.75	**6.33**	0.62	1.20	**25.00**	-0.09	
YPCE8R	**1.99**	0.41	0.13	**3.72**	0.85	0.17	**12.42**	0.85	0.16	**6.26**	0.59	0.17	**27.69**	0.62	0.35
YX9DHD	**0.90**	-0.66	0.00	**1.87**	-0.35	0.20	**7.37**	-0.28	0.54	**3.73**	-0.33	0.60	**28.63**	0.87	0.04
ZAH9C4	**3.01**	1.40	2.06	**4.85**	1.59	2.84	**17.56**	1.99	3.93	**9.49**	1.77	2.98	**27.44**	0.56	1.37
ZF42QN	**4.00**	2.38		**5.00**	1.68		**14.00**	1.20		**14.33**	3.54	1.20	**18.00**	-1.94	0.77

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.57	2.40	8.63	4.65	25.3
Median Abs Dev	0.67	0.95	2.86	1.45	2.4
Avg Within Lab SD	0.23	0.28	0.77	0.48	1.3
Labs Included	36	37	37	37	37
Labs Reporting	37	37	37	37	37

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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**11.2**	0.3	0.1	**8.0**	-0.6	0.2	**38.7**	-0.4	0.6	**11.0**	-0.7	0.1	**70.8**	0.1	0.1
3UZ3DA	**8.6**	-0.8	0.2	**7.7**	-0.7	0.2	**35.2**	-0.6	0.1	**10.3**	-0.9	0.2	**71.1**	0.1	0.6
4G8ZB8	**13.6**	1.3	0.4	**13.4**	0.5	0.1	**54.3**	0.8	0.1	**17.2**	0.7	0.2	**77.1**	0.4	0.3
632WAQ	**8.2**	-1.0	0.3	**8.1**	-0.6	0.1	**40.8**	-0.2	0.2	**12.1**	-0.5	0.3	**69.6**	0.0	0.7
667R8V	**12.0**	0.6	0.9	**8.6**	-0.5	0.6	**39.6**	-0.3	0.5	**13.2**	-0.2	0.5	**104.4**	1.7	0.3
67433X	**9.9**	-0.3	0.1	**8.4**	-0.5	0.1	**38.5**	-0.4	0.0	**11.5**	-0.6	0.0	**69.2**	0.0	0.0
7VEVHY	**10.5**	0.0	0.1	**9.6**	-0.3	0.3	**40.7**	-0.2	0.4	**12.6**	-0.3	0.1	**80.8**	0.6	0.3
97CDBD	**9.6**	-0.4	1.3	**12.6**	0.3	0.7	**44.2**	0.1	0.7	**14.9**	0.2	0.3	**60.2**	-0.5	0.5
BWWDRL	**11.1**	0.3	0.4	**13.9**	0.6	0.7	**58.2**	1.1	1.2	**19.6**	1.2	2.1	**72.2**	0.1	0.2
BZXGJ9	**11.6**	0.5	0.9	**14.2**	0.7	0.1	**45.4**	0.1	0.1	**16.4**	0.5	0.1	**67.2**	-0.1	1.0
C94NU3	**6.9**	-1.5	0.1	**9.2**	-0.4	0.1	**33.7**	-0.7	0.2	**12.5**	-0.4	0.2	**49.9**	-1.0	0.8
CAZ2GV	**12.9**	1.0	1.0	**17.4**	1.3	1.4	**67.4**	1.8	0.3	**19.0**	1.1	0.3	**98.1**	1.4	0.8
DNU9NV	**10.7**	0.1	0.4	**10.6**	-0.1	0.2	**42.1**	-0.1	0.3	**14.1**	0.0	0.1	**75.7**	0.3	0.2
FJX2KD	**25.2**	6.2X	4.3	**32.8**	4.5X	2.1	**84.5**	3.0	0.8	**23.9**	2.2	0.4	**117.5**	2.4	1.7
GK293W	**13.5**	1.3	4.5	**23.6**	2.6	4.6	**124.0**	5.9X	14.0	**23.8**	2.2	4.7	**196.0**	6.3X	3.4
HAKLTV	**10.6**	0.0	1.1	**9.7**	-0.3	0.6	**46.2**	0.2	1.4	**12.8**	-0.3	1.0	**69.7**	0.0	1.0
HLE8VJ	**10.7**	0.1	0.3	**13.7**	0.5	0.1	**43.5**	0.0	0.1	**14.0**	0.0	0.4	**53.4**	-0.8	0.2
JBLB7N	**13.2**	1.1	0.4	**9.0**	-0.4	0.4	**38.4**	-0.4	0.9	**14.5**	0.1	0.5	**83.1**	0.7	0.5
JYX9QG	**7.1**	-1.4	0.2	**14.8**	0.8	0.4	**41.7**	-0.1	0.1	**12.6**	-0.4	0.1	**48.7**	-1.0	0.5
JZRX9C	**12.6**	0.9	0.5	**9.7**	-0.3	0.8	**38.0**	-0.4	0.8	**14.2**	0.0	0.6	**81.8**	0.6	0.6
KFYB4F	**10.2**	-0.1	0.8	**12.3**	0.3	1.9	**49.0**	0.4	1.4	**18.0**	0.9	1.3	**68.3**	-0.1	2.9
KMYV7B	**9.8**	-0.3	0.7	**12.1**	0.2	1.3	**62.9**	1.4	4.3	**18.5**	1.0	2.0	**97.3**	1.4	3.1
LCWXX2	**12.2**	0.7	0.8	**11.5**	0.1	0.2	**43.6**	0.0	1.2	**13.5**	-0.1	0.2	**56.2**	-0.7	0.1
N29KUM	**9.3**	-0.5	0.2	**8.5**	-0.5	0.5	**43.8**	0.0	1.2	**12.6**	-0.4	0.5	**58.4**	-0.6	0.3
NYXZNY	**9.4**	-0.5		**22.9**	2.4					**19.0**	1.1				
PKWW77	**9.9**	-0.3	1.3	**10.0**	-0.2	0.4	**35.9**	-0.6	0.8	**12.0**	-0.5	0.6	**58.2**	-0.6	0.9

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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
QPMFD2	**7.7**	-1.2	0.6	**7.0**	-0.8		**28.7**	-1.1	0.3	**14.3**	0.0	0.3	**47.7**	-1.1	1.3
RR42LF	**11.1**	0.2	0.7	**14.5**	0.7	0.2	**44.7**	0.1	0.1	**16.7**	0.6	0.2	**62.0**	-0.4	0.1
TEVJP7	**7.2**	-1.4	0.9	**6.4**	-0.9	0.6	**35.0**	-0.6	0.4	**10.6**	-0.8	0.2	**68.0**	-0.1	0.5
TJQDKL	**9.5**	-0.4	0.4	**8.0**	-0.6	0.2	**35.9**	-0.6	1.0	**9.5**	-1.1	0.1	**65.3**	-0.2	0.2
UR2WJB	**8.2**	-1.0	0.5	**6.8**	-0.9	0.8	**32.6**	-0.8	0.8	**9.8**	-1.0	0.3	**59.1**	-0.5	0.8
WGDABY	**7.0**	-1.5		**8.7**	-0.5	0.4	**29.0**	-1.1	0.3	**10.7**	-0.8	0.3	**40.3**	-1.5	0.2
XEYU96	**12.2**	0.7	0.2	**14.1**	0.6	0.1	**55.3**	0.9	0.2	**14.2**	0.0	0.1	**69.5**	0.0	0.7
XFC7BF	**13.0**	1.1	1.1	**16.0**	1.0	0.7	**56.7**	1.0	0.2	**19.3**	1.2	0.3	**76.3**	0.3	0.7
YPCE8R	**10.5**	0.0	0.1	**13.3**	0.5	0.2	**49.0**	0.4	0.1	**15.5**	0.3	0.1	**74.1**	0.2	0.1
YX9DHD	**13.5**	1.3	0.7	**17.0**	1.2	0.8	**77.7**	2.5	0.5	**22.3**	1.9	0.6	**136.0**	3.3	0.8
ZAH9C4	**11.6**	0.5	0.2	**15.0**	0.8	0.4	**61.3**	1.3	1.3	**18.0**	0.9	0.4	**87.2**	0.9	2.0
ZF42QN	**9.0**	-0.6													

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	10.5	11.0	43.5	14.2	69.6
Median Abs Dev	1.5	2.8	5.6	2.5	10.5
Avg Within Lab SD	0.9	1.4	3.8	2.0	5.7
Labs Included	37	36	35	37	35
Labs Reporting	38	37	36	37	36

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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**0.77**	0.00	0.11	**2.51**	-0.87	0.76	**0.32**	-0.39	0.27	**0.81**	-0.84	0.58	**0.36**	0.00	0.00
3UZ3DA	**0.74**	-0.19	1.81	**2.47**	-0.91	0.70	**0.31**	-0.43	2.14	**0.90**	-0.52	3.00	**0.36**	0.00	1.96
4G8ZB8	**0.98**	1.31	0.58	**4.19**	0.72	0.32	**0.46**	0.57	0.23	**1.08**	0.15	0.73	**0.40**	0.44	0.43
632WAQ	**0.61**	-0.98	0.17	**2.77**	-0.63	0.26	**0.40**	0.17	0.00	**0.87**	-0.63	0.97	**0.40**	0.48	0.00
667R8V	**0.58**	-1.16	0.27	**2.59**	-0.79	0.92	**0.41**	0.26	0.65	**0.79**	-0.91	0.89	**0.44**	1.00	1.58
67433X	**0.70**	-0.42	0.10	**2.92**	-0.48	0.11	**0.32**	-0.35	0.58	**0.92**	-0.42	0.42	**0.42**	0.76	0.72
7VEVHY	**0.77**	0.00	0.56	**2.97**	-0.44	0.26	**0.37**	-0.06	1.33	**0.93**	-0.39	0.97	**0.47**	1.29	1.64
97CDBD	**0.63**	-0.88	0.61	**4.00**	0.54	0.89	**0.39**	0.12	1.50	**1.15**	0.42	1.65	**0.33**	-0.40	1.83
BWWDRL	**0.81**	0.29	0.17	**4.09**	0.62	0.20	**0.56**	1.22	0.21	**1.19**	0.57	0.54	**0.38**	0.22	0.26
BZXGJ9	**0.93**	1.04	0.56	**4.83**	1.33	0.26	**0.40**	0.17	0.00	**1.40**	1.33	0.00	**0.43**	0.88	1.64
C94NU3	**0.56**	-1.31	0.03	**3.33**	-0.09	0.04	**0.26**	-0.80	0.56	**0.97**	-0.25	0.30	**0.25**	-1.31	0.27
CAZ2GV	**0.79**	0.17	0.32	**4.30**	0.82	0.95	**0.45**	0.50	0.20	**1.27**	0.86	0.74	**0.35**	-0.08	0.14
DNU9NV	**0.74**	-0.16	0.21	**3.25**	-0.17	0.59	**0.34**	-0.21	0.23	**1.03**	-0.05	0.89	**0.41**	0.57	0.21
FJX2KD	**1.09**	2.01	0.06	**6.04**	2.48	0.32	**0.65**	1.86	0.06	**1.61**	2.10	0.46	**0.27**	-1.05	0.23
GK293W	**0.65**	-0.74	0.37	**3.51**	0.08	1.17	**0.43**	0.34	3.04	**0.97**	-0.24	1.02	**0.33**	-0.39	2.05
HAKLTV	**0.70**	-0.44	0.29	**3.03**	-0.38	1.14	**0.33**	-0.33	0.48	**0.88**	-0.60	0.76	**0.31**	-0.61	0.28
HLE8VJ	**0.69**	-0.48	0.17	**4.59**	1.10	0.29	**0.29**	-0.55	0.35	**1.05**	0.03	1.27	**0.26**	-1.17	0.87
JBLB7N	**0.94**	1.08	0.09	**2.86**	-0.54	0.46	**0.33**	-0.29	0.57	**0.94**	-0.36	0.27	**0.42**	0.75	0.69
JYX9QG	**0.89**	0.77	0.21	**5.11**	1.60	0.37	**0.45**	0.52	0.09	**1.24**	0.74	0.17	**0.35**	-0.12	0.06
JZRX9C	**0.78**	0.10	0.31	**2.42**	-0.96	1.14	**0.30**	-0.52	0.50	**1.02**	-0.06	1.51	**0.42**	0.78	0.65
KFYB4F	**0.83**	0.40	0.42	**3.57**	0.13	4.20	**0.56**	1.23	0.35	**1.23**	0.71	0.97	**0.33**	-0.32	0.43
KMYV7B	**0.71**	-0.37	1.45	**3.56**	0.12	0.96	**0.31**	-0.46	1.69	**1.03**	-0.03	1.60	**0.34**	-0.25	2.12
LCWXX2	**0.93**	1.01	0.45	**3.85**	0.40	1.20	**0.59**	1.43	1.19	**1.30**	0.97	0.38	**0.41**	0.61	0.09
N29KUM	**0.77**	0.00	0.56	**2.87**	-0.54	0.53	**0.30**	-0.51	0.00	**0.90**	-0.51	0.00	**0.30**	-0.73	0.00
PKWW77	**0.73**	-0.25	0.95	**3.22**	-0.20	1.60	**0.36**	-0.08	0.27	**1.00**	-0.14	0.89	**0.41**	0.56	1.00
QPMFD2	**0.60**	-1.04	0.96	**2.87**	-0.54	0.26	**0.13**	-1.63	1.33	**0.80**	-0.88	0.00	**0.17**	-2.34	1.64

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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
RR42LF	**0.98**	1.30	0.19	**7.05**	3.43X	0.13	**0.59**	1.45	0.55	**1.84**	2.93X	0.48	**0.42**	0.74	0.28
TEVJP7	**0.60**	-1.06	0.20	**2.25**	-1.12	1.47	**0.72**	2.35	2.68	**0.55**	-1.81	1.18	**0.39**	0.40	1.19
TJQDKL	**0.85**	0.50	0.31	**3.35**	-0.08	0.20	**0.38**	0.06	0.27	**1.08**	0.15	0.29	**0.34**	-0.20	0.16
UR2WJB	**0.90**	0.83	0.00	**2.31**	-1.06	0.86	**0.27**	-0.73	0.13	**0.74**	-1.09	0.35	**0.33**	-0.32	0.43
WGDABY	**0.67**	-0.60	0.10	**3.85**	0.40	0.34	**0.26**	-0.78	0.23	**1.05**	0.05	0.86	**0.26**	-1.25	0.16
XEYU96	**0.96**	1.19	0.29	**4.36**	0.88	0.11	**0.61**	1.57	0.27	**1.18**	0.53	0.10	**0.43**	0.84	0.57
XFC7BF	**0.70**	-0.44	5.05	**4.84**	1.33	0.16	**0.51**	0.93	0.30	**1.49**	1.64	0.88	**0.47**	1.36	0.39
YPCE8R	**0.74**	-0.15	0.15	**4.43**	0.95	0.05	**0.33**	-0.33	0.13	**1.27**	0.84	0.42	**0.35**	-0.16	0.33
YX9DHD	**0.93**	1.04	0.28	**3.57**	0.13	0.53	**0.50**	0.84	0.46	**1.25**	0.78	0.84	**0.48**	1.41	0.16
ZAH9C4	**0.73**	-0.21	0.92	**3.89**	0.44	0.08	**0.34**	-0.25	1.26	**1.12**	0.28	1.33	**0.32**	-0.47	1.81
ZF42QN	**0.93**	1.04	0.56	**3.00**	-0.41	0.91	**1.00**	4.22X	2.31	**1.70**	2.43	1.68	**1.23**	10.55X	4.35

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.77	3.43	0.38	1.04	0.36
Median Abs Dev	0.10	0.57	0.07	0.15	0.05
Avg Within Lab SD	0.10	0.22	0.04	0.06	0.04
Labs Included	37	36	36	36	36
Labs Reporting	37	37	37	37	37

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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
TEVJP7	**1.15**		1.00	**2.43**		1.00	**32.67**		1.00	**1.53**		1.00	**6.30**		1.00

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.15	2.43	32.7	1.53	6.30
Median Abs Dev					
Avg Within Lab SD	0.10	0.15	3.5	0.15	0.56
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1

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Cl - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
7VEVHY	**0.67**	-1.25	0.33	**3.02**	-1.22	0.39	**4.35**	-0.75	1.05	**3.70**	-0.78	0.76	**2.83**	-0.43	1.18
97CDBD	**2.50**	0.47	1.12	**5.40**	0.18	0.91	**7.00**	0.43	1.53	**6.50**	1.00	0.71	**4.27**	0.48	0.91
BZXGJ9	**0.42**	-1.49	0.08	**3.43**	-0.98	0.80	**5.40**	-0.28	0.65	**4.67**	-0.17	1.07	**2.60**	-0.58	1.20
EL427J	**3.67**	1.57	0.61	**7.27**	1.27	0.30	**10.10**	1.80	1.61	**7.80**	1.83	0.63	**5.40**	1.20	1.68
JBLB7N	**2.15**	0.14	1.32	**4.56**	-0.32	0.36	**7.16**	0.50	0.48	**6.45**	0.97	1.20	**4.96**	0.91	0.14
KFYB4F	**1.53**	-0.44	0.83	**5.40**	0.18	1.96	**5.80**	-0.10	1.12	**5.03**	0.06	0.72	**2.20**	-0.83	0.42
N29KUM	**3.10**	1.03	1.99	**3.43**	-0.98	0.50	**5.10**	-0.41	0.25	**4.77**	-0.11	0.59	**4.20**	0.43	0.42
RR42LF	**2.01**	0.00	0.43	**7.36**	1.32	1.76	**11.05**	2.22	1.16	**4.44**	-0.31	2.13	**2.75**	-0.48	1.30
WGDABY	**1.63**	-0.35	0.83	**5.37**	0.16	0.80	**6.27**	0.10	0.37	**7.20**	1.45	0.24	**2.47**	-0.66	1.00
YX9DHD	**2.00**	0.00		**4.83**	-0.16	0.57	**5.67**	-0.16	0.71	**4.83**	-0.06	0.68	**4.67**	0.73	0.69

Cl - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	2.00	5.10	6.03	4.93	3.51
Median Abs Dev	0.48	1.11	0.95	0.86	0.98
Avg Within Lab SD	0.25	0.50	0.41	0.42	0.42
Labs Included	10	10	10	10	10
Labs Reporting	10	10	10	10	10

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**0.68**	0.91	0.70	**0.71**	0.95	1.30	**1.26**	0.94	0.61	**1.01**	0.62	0.47	**0.21**	-0.12	0.45
8MZAAV	**0.37**	-0.64	0.30	**0.57**	0.32	1.89	**0.78**	-0.49	1.47	**0.58**	-0.78	0.52	**0.09**	-0.99	0.34
97CDBD	**0.34**	-0.79	3.55	**0.45**	-0.20	0.59	**1.16**	0.66	0.25	**0.88**	0.17	0.34	**0.29**	0.42	0.13
AW39XM	**0.55**	0.29	0.17	**0.53**	0.17	0.07	**0.93**	-0.05	0.22	**0.74**	-0.28	0.10	**0.23**	0.05	0.11
BWWDRL	**0.71**	1.09	0.38	**0.70**	0.89	1.40	**1.37**	1.29	0.57	**1.10**	0.90	0.69	**0.28**	0.39	0.21
CAZ2GV	**0.10**	-1.98		**0.10**	-1.72		**0.40**	-1.63		**0.10**	-2.35				
CWVXUF	**0.45**	-0.22		**0.38**	-0.49		**1.06**	0.35		**0.82**	-0.01		**0.22**	-0.05	
GA76WG	**0.72**	1.11	0.40	**0.54**	0.22	0.52	**0.90**	-0.14	0.07	**0.83**	0.01	0.19	**0.43**	1.45	0.19
GMU4P6	**0.60**	0.51	0.54	**0.86**	1.61	0.27	**1.06**	0.36	0.25	**0.88**	0.18	0.43	**0.10**	-0.89	0.00
HAKLTV	**0.36**	-0.69	0.72	**0.36**	-0.60	0.36	**0.91**	-0.11	2.08	**0.78**	-0.15	1.88	**0.28**	0.38	1.03
HMNAJ4	**0.47**	-0.12	0.29	**0.45**	-0.20	1.50	**1.04**	0.29	0.21	**0.86**	0.12	0.49	**0.18**	-0.31	1.11
JBLB7N	**0.54**	0.21	0.44	**0.45**	-0.17	0.59	**0.94**	-0.02	0.31	**0.74**	-0.26	0.57	**0.19**	-0.23	0.37
JYX9QG	**0.85**	1.77	0.42	**0.76**	1.18	0.36	**1.76**	2.44	2.42	**1.42**	1.95	1.09	**0.24**	0.11	2.53
JZRX9C	**0.50**	0.02	0.66	**0.40**	-0.39	0.51	**0.81**	-0.39	0.53	**0.71**	-0.35	0.47	**0.23**	0.05	0.65
QUFERW	**0.52**	0.11	2.18	**0.72**	0.98	2.70	**0.95**	0.02	2.18	**0.93**	0.36	3.30	**0.20**	-0.19	0.00
R6R7VW	**0.43**	-0.32	0.14	**0.40**	-0.42	0.13	**1.10**	0.48	0.50	**0.85**	0.09	0.28	**0.22**	-0.05	0.22
RR42LF	**0.49**	-0.02	0.10	**0.62**	0.54	0.05	**0.57**	-1.10	0.07	**0.78**	-0.14	0.16	**0.16**	-0.48	0.10
TEVJP7	**0.10**	-1.97	0.22	**0.12**	-1.61	0.82	**0.25**	-2.08	0.55	**0.06**	-2.49	0.34	**0.44**	1.51	2.06
TJQDKL	**0.56**	0.35	0.08	**0.60**	0.45	0.13	**0.75**	-0.57	0.56	**0.62**	-0.67	0.19	**0.44**	1.48	0.34
WWJ4UF	**0.43**	-0.35	0.83	**0.42**	-0.33	0.75	**0.93**	-0.03	0.71	**0.62**	-0.66	0.51	**0.04**	-1.35	0.23
X9XFPP	**0.63**	0.70	0.10	**0.65**	0.67	0.35	**1.28**	1.00	0.20	**1.06**	0.78	0.06	**0.25**	0.19	0.09
ZAH9C4	**0.34**	-0.78	0.42	**0.27**	-0.98	1.10	**0.73**	-0.63	0.69	**0.57**	-0.81	0.61	**0.21**	-0.13	1.35
ZF42QN	**0.73**	1.20	0.82	**0.70**	0.90	0.00	**1.20**	0.77	1.21	**1.40**	1.87	1.63	**0.80**	4.05	2.24
ZG3AU2	**0.49**	-0.03	0.65	**0.45**	-0.18	1.05	**1.06**	0.34	0.53	**0.88**	0.19	0.86			

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.49	0.49	0.94	0.82	0.23
Median Abs Dev	0.12	0.12	0.16	0.11	0.05
Avg Within Lab SD	0.07	0.04	0.08	0.06	0.04
Labs Included	24	24	24	24	22
Labs Reporting	24	24	24	24	22

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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**0.21**	-0.97	0.13	**0.24**	-0.50	0.18	**0.24**	-1.27	0.13	**0.28**	-0.78	0.29			
632WAQ	**0.24**	-0.49	0.46	**0.24**	-0.51	0.19	**0.28**	-0.71	0.03	**0.32**	-0.37	0.38	**0.06**	-0.84	0.13
667R8V	**0.30**	0.40	0.59	**0.29**	0.08	0.86	**0.37**	0.38	0.47	**0.32**	-0.38	1.30	**0.13**	0.00	0.42
67433X	**0.34**	0.97	0.22	**0.34**	0.57	0.47	**0.35**	0.08	0.27	**0.37**	0.30	0.76	**0.17**	0.37	0.22
7VEVHY	**0.29**	0.24	0.22	**0.28**	-0.04	0.31	**0.34**	0.00	0.13	**0.36**	0.18	0.57	**0.12**	-0.19	0.80
BZXGJ9	**0.40**	1.84	0.00	**0.50**	2.33		**0.40**	0.76	0.00	**0.50**	1.81		**0.10**	-0.37	0.00
C94NU3	**0.23**	-0.63	0.11	**0.32**	0.38	0.14	**0.29**	-0.60	0.04	**0.37**	0.22	1.11	**0.09**	-0.48	0.06
GK293W	**0.24**	-0.50	3.32	**0.45**	1.82	1.14	**0.36**	0.29	3.68	**0.46**	1.35	0.88	**0.28**	1.65	2.08
KFYB4F	**0.34**	0.97	0.62	**0.35**	0.72	3.03	**0.52**	2.29	0.54	**0.49**	1.69	1.41	**0.21**	0.79	2.44
N29KUM	**0.25**	-0.34		**0.21**	-0.79	0.53	**0.34**	-0.04	0.59	**0.29**	-0.70	0.99	**0.19**	0.62	0.38
PKWW77	**0.29**	0.29	1.08	**0.28**	0.00	0.98	**0.36**	0.30	0.63	**0.33**	-0.18	1.60	**0.23**	1.10	0.80
QPMFD2	**0.19**	-1.16	0.34	**0.20**	-0.86	0.35	**0.23**	-1.36	0.07	**0.28**	-0.82	0.00	**0.12**	-0.15	0.66
UR2WJB	**0.36**	1.26	0.44	**0.24**	-0.43	0.77	**0.29**	-0.59	0.20	**0.33**	-0.26	0.76	**0.11**	-0.26	0.38
WGDABY	**0.27**	-0.05	0.22	**0.35**	0.72	0.61	**0.31**	-0.42	0.20	**11.00**	127.14X	49.75	**41.00**	452.21X	38.36
XFC7BF	**1.00**	10.51X	0.16	**1.07**	8.41X	0.47	**1.10**	9.66X	0.26	**1.18**	9.89X	0.57	**0.92**	8.73X	0.85
YX9DHD	**0.27**	0.00	0.63	**0.25**	-0.39	0.18	**0.42**	1.02	0.00	**0.38**	0.42	1.44	**0.31**	1.95	0.66

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups — **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.27	0.28	0.34	0.35	0.13
Median Abs Dev	0.03	0.05	0.05	0.03	0.04
Avg Within Lab SD	0.05	0.03	0.08	0.02	0.03
Labs Included	15	15	15	14	13
Labs Reporting	16	16	16	16	15

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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
7VEVHY	**0.12**	0.00	0.15	**0.25**	-0.01	0.50	**0.18**	0.00	0.24	**0.15**	0.00	0.84	**0.05**	-0.33	0.21
97CDBD	**0.13**	0.33	0.22	**0.25**	0.04	0.22	**0.18**	-0.07	0.10	**0.15**	-0.30	1.31	**0.05**	0.12	0.07
97NAFH	**0.17**	2.59	2.49	**0.28**	1.32	1.19	**0.22**	1.99	0.63	**0.17**	1.32	1.44	**0.08**	1.86	1.75
AW39XM	**0.12**	-0.14	0.05	**0.24**	-0.15	0.20	**0.18**	-0.20	0.31	**0.15**	-0.04	0.69	**0.05**	-0.23	0.31
CAZ2GV	**0.10**	-0.93	0.16	**0.21**	-1.24	0.73	**0.15**	-1.44	0.59	**0.13**	-1.73	0.14	**0.04**	-0.86	0.74
MBDBYJ	**0.12**	-0.20	0.67	**0.24**	-0.36	2.00	**0.17**	-0.49	2.14	**0.15**	0.02	1.98	**0.03**	-1.12	1.11
UR2WJB	**0.14**	0.80	1.00	**0.32**	2.53	1.44	**0.20**	1.09	1.67	**0.18**	1.85	0.00	**0.06**	0.29	1.41
XFC7BF	**0.12**	-0.10	1.12	**0.25**	0.00	0.80	**0.19**	0.44	0.63	**0.15**	-0.26	0.30	**0.07**	1.26	1.41
YPCE8R	**0.14**	0.98	0.00	**0.26**	0.43	0.00	**0.19**	0.35	0.56	**0.16**	0.54	0.00	**0.05**	0.00	0.19

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.12	0.25	0.18	0.15	0.052
Median Abs Dev	0.01	0.01	0.01	0.00	0.006
Avg Within Lab SD	0.01	0.01	0.01	0.00	0.008
Labs Included	9	9	9	9	9
Labs Reporting	9	9	9	9	9

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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
632WAQ	**0.15**	1.05	0.00	**0.28**	0.90	0.00	**0.22**	0.86	0.35	**0.18**	1.16	1.05	**0.07**	0.78	1.06
97CDBD	**0.13**	-0.19	0.32	**0.26**	0.00	0.35	**0.19**	-0.46	0.28	**0.15**	-0.42	0.21	**0.05**	-0.20	0.18
AV7VBU	**0.13**	-0.06	1.95	**0.26**	-0.19	2.93	**0.22**	0.78	3.89	**0.15**	-0.50	2.57	**0.06**	0.39	2.59
AW39XM	**0.13**	-0.21	0.32	**0.26**	0.16	0.14	**0.20**	0.00	0.07	**0.16**	0.08	0.38	**0.05**	-0.24	0.21
CWVXUF	**0.12**	-0.43	0.80	**0.26**	0.03	0.00	**0.19**	-0.32	0.00	**0.16**	0.00	0.00	**0.05**	0.00	1.06
DNU9NV	**0.14**	0.57	0.35	**0.29**	1.12	0.14	**0.21**	0.75	0.04	**0.18**	1.05	0.18	**0.07**	0.88	0.28
EL427J	**0.13**	-0.21	0.29	**0.25**	-0.48	0.35	**0.19**	-0.25	0.15	**0.16**	-0.22	0.10	**0.05**	-0.08	0.00
FJX2KD	**0.16**	1.33	0.00	**0.28**	1.08	0.00	**0.21**	0.76	0.00	**0.18**	1.09	0.00	**0.07**	1.02	0.00
JBLB7N	**0.13**	0.00	0.04	**0.25**	-0.49	0.36	**0.19**	-0.46	0.13	**0.15**	-0.33	0.54	**0.05**	-0.22	0.29
JYX9QG	**0.15**	1.19	2.73	**0.26**	-0.16	0.44	**0.20**	0.26	0.91	**0.17**	0.68	1.36	**0.04**	-0.71	0.36
MFNLQD	**0.14**	0.31	0.80	**0.24**	-0.70	0.80	**0.19**	-0.47	0.35	**0.16**	-0.17	1.05	**0.05**	0.00	1.06
N29KUM	**0.14**	0.73	0.57	**0.28**	0.83	0.21	**0.22**	1.02	0.23	**0.18**	0.93	1.00	**0.08**	1.31	0.38
PKWW77	**0.12**	-0.82	0.21	**0.23**	-1.13	1.38	**0.18**	-0.87	0.49	**0.15**	-0.50	0.96	**0.08**	1.84	2.19
R2TT88	**0.11**	-1.08	0.62	**0.24**	-0.77	0.29	**0.17**	-1.27	0.13	**0.15**	-0.71	1.29	**0.04**	-0.61	0.48
UR2WJB	**0.12**	-0.80	0.80	**0.23**	-1.13	0.80	**0.18**	-0.92	0.35	**0.15**	-0.66	1.05	**0.05**	-0.20	0.00
WGDABY	**0.16**	1.60	0.37	**0.28**	0.71	0.16	**0.22**	1.15	0.28	**0.18**	1.15	0.18	**0.07**	1.23	0.53
XFC7BF	**0.15**	0.86	1.59	**0.30**	1.62	2.11	**0.22**	0.86	0.35	**0.20**	1.83	1.05	**0.08**	1.76	1.06

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	0.13	0.26	0.20	0.16	0.053
Median Abs Dev	0.01	0.02	0.02	0.01	0.010
Avg Within Lab SD	0.01	0.01	0.02	0.01	0.005
Labs Included	17	17	17	17	17
Labs Reporting	17	17	17	17	17

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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
632WAQ	**3.78**	4.69X	0.23	**9.73**	36.34X	0.16	**8.23**	54.04X	0.57	**4.65**	35.80X	0.44	**2.15**	33.25X	0.97
97CDBD	**1.69**	-2.58	0.68	**2.78**	-1.19	0.52	**2.53**	0.07	0.78	**1.44**	-0.15	0.43	**0.70**	0.17	0.25
AV7VBU	**2.45**	0.06	0.47	**3.00**	0.00	1.12	**2.45**	-0.69	1.06	**1.45**	0.00	1.31	**0.70**	0.29	0.00
AW39XM	**2.71**	0.95	0.08	**3.30**	1.62	0.07	**2.80**	2.62	0.06	**1.65**	2.23	0.47	**0.77**	1.86	0.71
CWVXUF	**2.50**	0.23	1.04	**3.07**	0.38	0.11	**2.51**	-0.12	0.00	**1.44**	-0.07	0.38	**0.66**	-0.55	0.21
EL427J	**2.38**	-0.17	0.24	**2.92**	-0.44	0.12	**2.49**	-0.33	0.49	**1.42**	-0.39	0.27	**0.66**	-0.71	0.44
JBLB7N	**2.03**	-1.42	0.01	**2.96**	-0.21	0.08	**2.58**	0.54	0.05	**1.45**	0.04	0.10	**0.68**	-0.06	0.04
JYX9QG	**2.83**	1.39	2.92	**3.45**	2.41	2.88	**2.71**	1.75	1.28	**1.75**	3.31	2.49	**0.75**	1.46	2.69
MFNLQD	**2.46**	0.08	0.27	**2.99**	-0.05	0.36	**2.53**	0.07	0.40	**1.45**	0.00	0.18	**0.67**	-0.39	0.00
PKWW77	**2.38**	-0.20	0.62	**3.03**	0.18	0.99	**2.52**	0.00	2.60	**1.44**	-0.06	1.52	**0.69**	0.00	1.31
R2TT88	**2.43**	0.00	0.31	**3.01**	0.05	0.15	**2.50**	-0.23	0.32	**1.47**	0.17	0.31	**0.71**	0.46	1.09
WGDABY	**2.34**	-0.33	0.28	**2.83**	-0.89	0.09	**2.42**	-1.00	0.62	**1.36**	-1.00	0.10	**0.62**	-1.47	0.27

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	2.43	3.00	2.52	1.45	0.69
Median Abs Dev	0.07	0.07	0.04	0.01	0.02
Avg Within Lab SD	0.15	0.13	0.07	0.05	0.03
Labs Included	11	11	11	11	11
Labs Reporting	12	12	12	12	12

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
97CDBD	**1.94**	-0.54	0.75	**4.19**	-0.44	0.49	**4.18**	-0.51	0.64	**2.37**	-0.61	0.40	**1.03**	-0.73	0.95
97NAFH	**2.28**	0.78	0.62	**4.83**	0.20	0.24	**4.95**	0.60	1.22	**2.80**	0.52	0.88	**1.54**	1.03	1.17
AVLC43	**2.60**	2.07	2.58	**4.53**	-0.10	1.14	**4.43**	-0.14	0.87	**2.60**	0.00	0.76	**1.67**	1.45	0.73
C94NU3	**2.35**	1.06	0.66	**4.51**	-0.11	0.96	**4.93**	0.57	0.49	**2.87**	0.71	1.30	**1.64**	1.35	0.29
CAZ2GV	**2.12**	0.16	0.86	**4.73**	0.10	1.03	**3.84**	-1.00	2.64	**2.27**	-0.88	2.51	**0.63**	-2.09	1.35
EL427J	**2.08**	0.00		**4.74**	0.11		**4.74**	0.30		**2.61**	0.03		**1.25**	0.03	
JYVJLJ	**2.02**	-0.23	1.38	**4.01**	-0.61	2.15	**4.61**	0.11	0.52	**2.83**	0.61	0.68	**1.59**	1.18	0.64
JYX9QG	**2.51**	1.71	0.47	**6.40**	1.75	0.42	**4.55**	0.02	0.89	**2.69**	0.23	0.21	**1.29**	0.15	0.53
LRA7X6	**2.25**	0.68	0.17	**4.36**	-0.26	0.10	**3.71**	-1.18	0.23	**2.35**	-0.66	0.16	**1.19**	-0.17	0.48
PKVQFJ	**2.06**	-0.08	1.04	**4.75**	0.11	0.35	**3.48**	-1.50	0.24	**2.06**	-1.44	0.50	**1.09**	-0.52	0.34
QPMFD2	**2.07**	-0.05	0.50	**4.83**	0.20	0.57	**4.60**	0.10	0.00	**2.60**	0.00	0.76	**1.23**	-0.03	0.73
R2TT88	**1.89**	-0.76	0.38	**4.32**	-0.30	0.42	**4.26**	-0.39	0.38	**2.40**	-0.52	0.12	**1.16**	-0.27	0.32
TEVJP7	**0.65**	-5.69**X**	0.65	**2.40**	-2.20	1.01	**0.99**	-5.07**X**	0.35	**0.30**	-6.13**X**	0.12	**0.87**	-1.26	0.78
WGDABY	**2.33**	1.01	0.95	**5.07**	0.43	0.82	**4.85**	0.46	0.17	**2.80**	0.53	0.23	**1.67**	1.47	1.49
XFC7BF	**1.97**	-0.45	0.50	**4.97**	0.33	1.87	**4.53**	0.00	1.18	**2.57**	-0.09	1.75	**1.23**	-0.03	1.94
YPCE8R	**2.06**	-0.07	0.47	**5.80**	1.15	0.30	**4.73**	0.28	0.75	**2.66**	0.17	0.58	**1.27**	0.11	0.96
ZAH9C4	**2.16**	0.32	1.20	**3.19**	-1.41	1.47	**3.56**	-1.40	1.58	**1.95**	-1.72	0.56	**1.28**	0.13	1.76
ZF42QN	**1.70**	-1.51	0.86	**2.27**	-2.33	0.75	**2.50**	-2.91	0.57	**1.57**	-2.75	1.16	**1.20**	-0.14	0.00

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups — **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	2.08	4.63	4.53	2.60	1.24
Median Abs Dev	0.14	0.32	0.32	0.20	0.12
Avg Within Lab SD	0.12	0.20	0.18	0.13	0.08
Labs Included	17	18	17	17	18
Labs Reporting	18	18	18	18	18

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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
27D3A3	**2.92**	0.18	0.45	**6.85**	0.58	0.41	**4.73**	0.19	0.86	**3.09**	0.67	1.63	**1.49**	0.36	0.84
3GRCDM	**2.79**	-0.14	0.08	**6.42**	-0.21	0.12	**4.32**	-0.83	0.18	**2.60**	-0.95	0.07	**1.32**	-0.81	0.19
4G8ZB8	**3.10**	0.62	0.42	**7.15**	1.13	0.22	**4.71**	0.14	0.14	**2.90**	0.06	0.35	**1.45**	0.08	0.39
667R8V	**2.70**	-0.35	0.81	**6.30**	-0.43	0.59	**3.93**	-1.81	0.51	**2.37**	-1.71	0.69	**1.33**	-0.72	1.07
67433X	**2.99**	0.34	0.08	**6.65**	0.22	0.03	**4.77**	0.29	0.14	**3.07**	0.61	0.32	**1.53**	0.68	0.28
68ZFPQ	**2.92**	0.18	0.21	**6.48**	-0.09	0.27	**4.73**	0.21	0.29	**3.24**	1.18	0.25	**1.45**	0.08	0.47
6TJM2J	**2.67**	-0.43	0.93	**7.80**	2.31	0.59	**5.93**	3.24	1.35	**2.97**	0.27	1.38	**1.57**	0.92	2.15
7VEVHY	**3.11**	0.62	1.94	**6.85**	0.57	1.15	**4.77**	0.29	0.72	**3.04**	0.52	0.85	**1.48**	0.29	0.70
AVLC43	**3.17**	0.77	0.47	**7.10**	1.03	0.00	**5.20**	1.39	0.89	**3.33**	1.48	0.69	**1.60**	1.15	0.00
AW39XM	**2.15**	-1.67	0.60	**5.41**	-2.05	0.75	**4.05**	-1.52	0.57	**2.37**	-1.70	0.24	**1.22**	-1.52	0.20
BWWDRL	**8.64**	13.90X	0.91	**12.75**	11.35X	1.05	**7.07**	6.13X	2.21	**6.23**	11.05X	0.99	**2.58**	8.02X	1.58
BWY4VJ	**2.83**	-0.03	2.04	**6.53**	0.00	1.90	**4.67**	0.04	1.02	**2.80**	-0.28	2.07	**1.37**	-0.48	2.15
BZXGJ9	**4.20**	3.25	0.00	**7.83**	2.37	0.68	**5.17**	1.31	0.51	**3.57**	2.25	0.69	**1.60**	1.15	0.00
CAZ2GV	**3.28**	1.04	0.28	**7.12**	1.06	0.44	**5.13**	1.21	0.67	**3.26**	1.25	0.38	**1.60**	1.15	0.32
CVZFUY	**2.77**	-0.18	0.08	**6.29**	-0.45	0.03	**4.71**	0.15	0.09	**2.91**	0.08	0.12	**1.55**	0.80	0.19
CWVXUF	**2.93**	0.21	1.24	**6.73**	0.37	0.90	**4.60**	-0.13	1.77	**2.97**	0.27	0.69	**1.50**	0.45	
DP8FCX	**2.69**	-0.38	0.13	**6.43**	-0.19	0.51	**4.75**	0.26	0.03	**2.84**	-0.14	0.69	**1.39**	-0.31	0.27
EL427J	**3.27**	1.01	1.24	**6.70**	0.30	1.57	**4.37**	-0.72	1.35	**2.77**	-0.39	0.69	**1.30**	-0.95	1.86
GA76WG	**2.49**	-0.85	0.36	**5.88**	-1.19	0.43	**4.18**	-1.19	0.32	**2.50**	-1.28	0.14	**1.27**	-1.16	0.56
GK293W	**2.75**	-0.23	1.08	**6.46**	-0.14	1.50	**4.55**	-0.26	0.70	**2.83**	-0.20	1.32	**1.43**	-0.04	0.62
GMU4P6	**2.37**	-1.14	0.87	**5.62**	-1.67	0.88	**4.61**	-0.11	0.98	**2.75**	-0.46	1.56	**1.39**	-0.34	0.47
HAKLTV	**2.75**	-0.24	0.41	**6.33**	-0.37	0.53	**4.36**	-0.73	0.80	**2.76**	-0.42	0.98	**1.38**	-0.42	0.41
HLE8VJ	**2.79**	-0.13	0.23	**6.66**	0.24	0.89	**4.50**	-0.39	1.30	**2.75**	-0.45	2.08	**1.46**	0.17	1.04
J4NJZF	**2.83**	-0.03	0.47	**6.67**	0.24	0.34	**4.77**	0.29	0.51	**2.87**	-0.06	1.38	**1.43**	-0.02	1.07
JBLB7N	**2.55**	-0.71	0.50	**6.01**	-0.96	0.29	**4.33**	-0.82	1.08	**2.63**	-0.86	0.86	**1.30**	-0.93	0.58
JC7UDF	**2.97**	0.29	0.61	**7.00**	0.85	0.83	**4.45**	-0.51	0.14	**2.99**	0.34	1.20	**1.50**	0.45	0.64

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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
JZRX9C	**2.87**	0.05	1.24	**6.53**	0.00	0.34	**4.67**	0.04	1.02	**2.87**	-0.06	0.69	**1.40**	-0.25	0.00
KCY8CT	**2.86**	0.03	0.61	**6.56**	0.05	0.40	**4.74**	0.24	0.77	**2.97**	0.29	0.45	**1.53**	0.68	0.94
KFYB4F	**2.83**	-0.03	0.93	**6.67**	0.24	1.37	**4.70**	0.13	2.35	**3.00**	0.38	1.20	**1.50**	0.45	
L78EEJ	**3.23**	0.92	0.71	**7.13**	1.09	0.89	**5.02**	0.93	0.12	**3.19**	0.99	0.44	**1.54**	0.72	0.55
LCWXX2	**3.29**	1.07	1.94	**6.64**	0.19	1.22	**4.33**	-0.81	0.90	**2.79**	-0.31	0.29	**1.41**	-0.18	1.07
N29KUM	**2.65**	-0.48	0.34	**6.35**	-0.34	0.25	**4.46**	-0.47	0.85	**2.73**	-0.50	1.20	**1.37**	-0.48	0.54
PKVQFJ	**2.15**	-1.67	0.24	**5.29**	-2.26	0.60	**3.81**	-2.12	0.93	**2.27**	-2.03	0.98	**1.16**	-1.95	1.49
QN8YGM	**4.68**	4.41	0.92	**6.05**	-0.89	1.72	**4.29**	-0.91	1.28	**2.65**	-0.78	1.04	**1.20**	-1.66	2.38
R2TT88	**2.74**	-0.26	0.05	**6.27**	-0.47	0.17	**4.63**	-0.04	0.18	**2.93**	0.16	0.07	**1.36**	-0.53	0.19
RR42LF	**2.71**	-0.33	0.19	**6.35**	-0.34	0.16	**4.79**	0.36	0.30	**3.01**	0.40	0.50	**1.48**	0.33	0.61
TJQDKL	**2.60**	-0.60	0.19	**6.36**	-0.32	0.38	**4.52**	-0.33	0.00	**2.73**	-0.51	0.21	**1.38**	-0.39	0.00
UR2WJB	**2.91**	0.16	1.82	**2.91**	-6.61X	1.33	**4.23**	-1.05	1.18	**3.08**	0.64	1.96	**1.56**	0.89	2.33
UVZB72	**3.10**	0.61	0.00	**6.53**	0.00	0.34	**4.57**	-0.21	0.51	**3.03**	0.49	0.69	**1.47**	0.22	1.07
WWJ4UF	**3.05**	0.48	0.72	**6.83**	0.53	0.39	**5.00**	0.89	3.32	**2.84**	-0.15	0.58	**1.33**	-0.73	0.40
XFC7BF	**3.46**	1.48	3.61	**7.25**	1.31	4.00	**4.98**	0.83	0.62	**3.30**	1.37	1.98	**1.62**	1.29	0.98
YX9DHD	**2.57**	-0.67	0.47	**6.47**	-0.12	0.90	**4.40**	-0.63	0.89	**2.53**	-1.16	0.69	**1.13**	-2.12	1.07
ZAH9C4	**2.87**	0.05	0.15	**6.78**	0.45	0.21	**4.76**	0.28	0.40	**2.95**	0.23	0.55	**1.44**	0.02	0.64

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	2.85	6.53	4.65	2.89	1.44
Median Abs Dev	0.17	0.23	0.17	0.14	0.07
Avg Within Lab SD	0.12	0.17	0.11	0.08	0.05
Labs Included	42	41	42	42	42
Labs Reporting	43	43	43	43	43

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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups **Data units: %**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
97CDBD	**3.77**		1.34	**7.67**		0.96	**5.23**		1.20	**3.43**		1.41	**1.57**		1.30
GA76WG	**2.31**		0.46	**5.36**		1.04	**3.83**		0.75	**2.31**		0.07	**1.21**		0.57

SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups **Data units: %**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	3.04	6.51	4.53	2.87	1.39
Median Abs Dev					
Avg Within Lab SD	0.09	0.06	0.05	0.08	0.04
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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CaCO3 Content (SubTestCode 185) in the Content Property Groups — **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
87YML3	**8.43**	-0.07	0.15	**2.30**	-0.16	0.16	**0.61**	1.13		**0.65**	0.21	0.18			
97CDBD	**6.76**	-0.80	1.40	**2.60**	0.02	0.34	**0.43**	0.00	0.15	**0.53**	-0.10	0.00			
97NAFH	**8.77**	0.07	1.06	**2.88**	0.19	0.52									
CAZ2GV	**13.19**	1.99	0.47	**6.72**	2.53	0.43	**4.33**	24.61X	2.99	**5.14**	11.96X	1.32	**3.64**		0.63
GK293W	**9.12**	0.22	2.15	**2.54**	-0.02	1.58	**0.22**	-1.36		**0.44**	-0.34	1.72	**0.12**		0.91
PBAKML	**6.45**	-0.93	0.31	**2.16**	-0.25	0.03				**0.61**	0.10	0.00			
UR2WJB	**9.99**	0.60	0.66	**4.97**	1.46	2.21	**0.43**	-0.02	1.50	**1.76**	3.11	1.41	**0.26**		1.44
WGDABY	**7.50**	-0.48													
XEYU96	**9.67**	0.46	0.39												
YX9DHD	**6.07**	-1.10	0.59	**1.30**	-0.77	0.16	**0.57**	0.86	0.86	**0.50**	-0.18		**0.60**		0.84

CaCO3 Content (SubTestCode 185) in the Content Property Groups — **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	8.60	2.57	0.43	0.57	0.43
Median Abs Dev	1.25	0.36	0.14	0.08	
Avg Within Lab SD	0.39	0.63	0.07	0.14	0.12
Labs Included	10	8	5	6	4
Labs Reporting	10	8	6	7	4

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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups — **Data units: cmol/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
97CDBD	**18.6**	-0.1	1.3	**18.1**	-0.1	1.8	**13.5**	0.1	1.1	**14.0**	0.2	0.8	**4.3**	0.0	0.9
AVLC43	**31.8**	2.6	1.7	**41.1**	2.8	0.8	**22.0**	2.5	0.9	**21.1**	2.4	1.2	**8.7**	2.9	0.4
EL427J	**17.7**	-0.3		**15.7**	-0.4		**12.1**	-0.3		**12.5**	-0.3		**3.9**	-0.2	
QPMFD2	**19.3**	0.1	0.9	**19.4**	0.1	1.1	**13.0**	-0.1	0.2	**13.3**	0.0	0.5	**5.0**	0.5	0.6
UR2WJB	**15.7**	-0.7	1.0	**15.9**	-0.4	0.8	**10.4**	-0.8	2.1	**11.0**	-0.7	1.0	**4.1**	-0.1	1.9
WGDABY	**21.2**	0.5	0.2	**23.5**	0.6	0.4	**13.6**	0.1	0.4	**13.3**	0.0	1.7	**4.3**	0.0	1.0
XFC7BF	**23.7**	1.0	0.7	**25.6**	0.9	1.0	**17.3**	1.2	0.6	**18.6**	1.6	0.9	**6.3**	1.3	0.9
YPCE8R	**17.3**	-0.3	0.3	**17.1**	-0.2	0.4	**12.5**	-0.2	0.2	**12.8**	-0.2	0.1	**3.8**	-0.3	0.7

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups — **Data units: cmol/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	18.9	18.8	13.3	13.3	4.28
Median Abs Dev	1.9	3.0	1.0	0.8	0.44
Avg Within Lab SD	0.6	0.6	0.7	0.7	0.16
Labs Included	8	8	8	8	8
Labs Reporting	8	8	8	8	8

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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups — **Data units: cmol/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
4G8ZB8	**21.7**	-0.9	0.5	**16.4**	0.0	0.2	**11.2**	0.2	0.5	**14.2**	0.7	0.5	**2.3**	-1.1	0.7
6TJM2J	**31.4**	0.3	0.4	**15.9**	-0.1	0.5	**10.0**	-0.4	0.5	**11.3**	-0.2	0.8	**4.8**	0.5	1.0
7VEVHY	**30.3**	0.2	1.0	**15.6**	-0.2	0.7	**11.4**	0.3	0.3	**12.2**	0.1	1.0	**5.6**	1.1	0.7
AW39XM	**25.1**	-0.5	1.1	**21.3**	0.9	0.7	**9.5**	-0.7	0.4	**12.5**	0.1	0.6	**4.5**	0.3	0.2
BZXGJ9	**19.7**	-1.2	0.6	**16.4**	0.0	0.5	**10.4**	-0.2	0.8	**13.8**	0.6	0.6	**2.3**	-1.1	0.3
CAZ2GV	**26.1**	-0.4	1.4	**22.2**	1.0	1.2	**12.7**	1.0	0.4	**16.5**	1.4	0.6	**3.1**	-0.6	0.1
HAKLTV	**27.9**	-0.1	1.4	**11.7**	-0.9	0.5	**9.0**	-1.0	0.9	**10.0**	-0.7	1.0	**2.8**	-0.8	0.3
HEFFNB	**34.1**	0.7	1.6	**31.1**	2.6	2.7	**15.9**	2.7	1.2	**18.6**	2.1	2.5	**4.2**	0.1	0.7
N29KUM	**18.5**	-1.4	0.5	**10.3**	-1.1	0.3	**10.1**	-0.4	0.2	**9.1**	-0.9	0.5	**7.2**	2.1	0.7
QUFERW	**44.0**	2.0	0.8	**18.7**	0.4	0.9	**11.3**	0.2	2.6	**11.8**	-0.1	0.9	**4.0**	0.0	0.5
R2TT88	**31.0**	0.3	0.4	**21.4**	0.9	0.4	**11.6**	0.4	0.4	**8.7**	-1.1	0.2	**3.7**	-0.2	2.8
UVZB72	**30.0**	0.1	1.2	**16.7**	0.0	0.7	**10.0**	-0.4		**11.7**	-0.1	0.9	**4.0**	0.0	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups — **Data units: cmol/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	28.9	16.5	10.8	12.0	4.02
Median Abs Dev	3.3	3.5	0.8	1.9	0.81
Avg Within Lab SD	0.8	0.8	0.6	0.7	0.31
Labs Included	12	12	12	12	12
Labs Reporting	12	12	12	12	12

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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups **Data units: g/cc**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**1.39**	1.29	0.23	**0.92**	0.70	0.76	**1.20**	1.00	0.49	**1.10**	0.42	1.26	**1.47**	1.11	1.30
8MZAAV	**1.27**	0.37	0.02	**0.90**	0.52	0.73	**1.09**	0.45	0.09	**1.08**	0.31	0.14	**1.43**	0.83	0.15
CAZ2GV	**1.32**	0.75	1.23	**0.97**	1.06	0.98	**1.20**	1.00	0.52	**1.10**	0.46	0.87	**1.48**	1.16	0.34
CWVXUF	**1.18**	-0.35	0.00	**0.73**	-0.85	1.68	**0.77**	-1.15	2.80	**0.85**	-1.15	1.40	**1.28**	-0.04	0.65
GK293W	**1.19**	-0.25	0.93	**0.83**	-0.03	1.49	**1.00**	0.00	0.42	**0.93**	-0.65	0.42	**1.24**	-0.28	1.60
GMU4P6	**1.12**	-0.80	0.23	**0.84**	0.00	0.27	**0.91**	-0.46	0.01	**1.03**	0.00	0.00	**1.21**	-0.46	0.18
HEFFNB	**1.13**	-0.75	2.42	**0.75**	-0.69	1.32	**0.87**	-0.66	0.55	**0.85**	-1.13	1.97	**1.24**	-0.30	1.87
R2TT88	**1.22**	0.00	0.77	**0.77**	-0.56	0.10	**0.97**	-0.14	0.40	**0.91**	-0.77	0.72	**1.29**	0.00	0.81
WGDABY	**1.41**	1.50	0.23	**1.05**	1.67	0.17	**1.24**	1.20	0.09	**1.22**	1.19	0.27	**1.60**	1.89	0.18

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups **Data units: g/cc**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	1.22	0.84	1.00	1.03	1.29
Median Abs Dev	0.09	0.09	0.13	0.10	0.08
Avg Within Lab SD	0.02	0.03	0.06	0.04	0.03
Labs Included	9	9	9	9	9
Labs Reporting	9	9	9	9	9

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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**28.5**	-0.2	1.2	**21.3**	0.0	0.8	**47.3**	-0.6	1.0	**22.9**	-0.3	0.3	**56.2**	-0.2	0.6
4G8ZB8	**26.7**	-0.5	0.3	**19.8**	-0.2	0.3	**44.4**	-1.3	0.6	**17.5**	-1.3	0.1	**48.2**	-1.7	0.3
632WAQ	**30.8**	0.2	1.1	**18.3**	-0.5	1.0	**48.3**	-0.3	0.9	**24.2**	0.0	0.2	**51.7**	-1.0	4.5
7VEVHY	**29.7**	0.0	0.4	**22.4**	0.2	0.5	**49.7**	0.0	0.6	**23.7**	-0.1	0.2	**54.4**	-0.5	0.2
87U6LJ	**51.3**	3.7	0.1	**28.3**	1.3	0.2	**60.8**	2.6	0.2	**34.1**	1.8	0.1	**65.0**	1.5	0.1
8MZAAV	**28.7**	-0.2	0.4	**19.3**	-0.3	0.4	**48.0**	-0.4		**24.7**	0.1	0.2	**58.0**	0.2	
97CDBD	**29.5**	0.0	0.6	**23.1**	0.4	0.7	**51.2**	0.4	0.2	**25.0**	0.1	0.0	**57.7**	0.1	0.3
97NAFH	**33.0**	0.6	0.3	**24.9**	0.7	1.6	**54.4**	1.1	1.3	**31.5**	1.3	0.3	**65.8**	1.6	0.2
AVLC43	**30.7**	0.2	0.6	**20.7**	-0.1	0.4	**48.3**	-0.3	0.4	**24.0**	-0.1		**53.3**	-0.7	0.5
AW39XM	**31.8**	0.4		**21.8**	0.1		**49.8**	0.0		**25.7**	0.3		**59.8**	0.5	
BWWDRL	**33.3**	0.6	2.2	**33.3**	2.2X	6.8	**33.3**	-3.9X	11.7	**33.3**	1.7	4.6			
CAZ2GV	**34.7**	0.9	0.3	**24.7**	0.7	0.5	**51.1**	0.3	1.1	**33.7**	1.8	0.2	**61.4**	0.8	0.5
CWVXUF	**25.5**	-0.7		**17.8**	-0.6		**45.2**	-1.1		**26.5**	0.4		**56.0**	-0.2	
DNU9NV	**21.2**	-1.5	3.1	**30.9**	1.8	1.8	**50.5**	0.2	0.6	**24.3**	0.0	0.6	**56.5**	-0.1	0.8
FJX2KD	**34.0**	0.7		**24.0**	0.5	0.7	**52.0**	0.5		**24.1**	0.0	0.0	**63.5**	1.2	0.3
GK293W	**26.7**	-0.5	2.2	**17.0**	-0.7	3.0	**48.5**	-0.3	2.8	**21.7**	-0.5	1.1	**55.8**	-0.3	1.0
GMU4P6	**24.0**	-1.0	0.0	**15.4**	-1.0	1.0	**48.0**	-0.4	0.0	**19.3**	-0.9	0.2	**56.7**	-0.1	0.4
HAKLTV	**35.1**	0.9	0.0	**24.7**	0.6	0.2	**53.2**	0.8	0.7	**29.8**	1.0	0.0	**59.2**	0.4	0.2
JBLB7N	**27.7**	-0.3	0.2	**18.0**	-0.6	0.3	**44.7**	-1.2	0.4	**24.3**	0.0	0.1	**56.0**	-0.2	0.3
JC7UDF	**36.0**	1.1		**20.3**	-0.1	0.0	**49.8**	0.0	0.0	**23.4**	-0.2	0.0	**53.5**	-0.7	0.0
KCY8CT	**38.3**	1.5	0.6	**25.5**	0.8	1.8	**51.2**	0.4	2.2	**25.9**	0.3	0.5	**64.1**	1.3	1.1
KFYB4F	**32.7**	0.5	0.4	**22.0**	0.2	0.7				**26.7**	0.4	0.2	**61.3**	0.8	0.4
N29KUM	**35.0**	0.9		**31.0**	1.8		**51.0**	0.3		**31.0**	1.2		**61.0**	0.7	
TEVJP7	**25.0**	-0.8		**14.0**	-1.3		**24.0**	-6.1X		**54.0**	5.5X		**44.0**	-2.4X	
UR2WJB	**27.3**	-0.4	0.4	**27.3**	1.1	0.4	**50.7**	0.2	1.4	**26.0**	0.3	0.3	**57.3**	0.0	0.4
UVZB72	**28.0**	-0.3		**18.0**	-0.6	0.5	**48.5**	-0.3	0.4	**23.0**	-0.2		**58.5**	0.2	0.2

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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups — **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
WGDABY	**31.0**	0.2	0.4	**18.0**	-0.6		**46.0**	-0.9		**24.0**	-0.1		**52.0**	-1.0	
WWJ4UF	**28.0**	-0.3	0.7	**27.0**	1.1	1.2	**54.0**	1.0		**24.0**	-0.1		**57.0**	0.0	0.3
X9XFPP	**28.3**	-0.2	0.4	**19.7**	-0.3	0.4	**48.7**	-0.3	0.7	**42.7**	3.4	0.2	**53.3**	-0.7	0.4
XEYU96	**31.3**	0.3	0.1	**21.1**	0.0	0.2	**53.6**	0.9	0.1	**28.0**	0.7	0.1	**66.0**	1.6	0.2
YPCE8R	**20.4**	-1.6	0.0	**12.4**	-1.6	0.0	**38.4**	-2.7	0.0	**14.4**	-1.9	0.0	**48.4**	-1.6	0.0
ZG3AU2	**26.9**	-0.5	0.1	**13.8**	-1.3	0.5	**47.0**	-0.6	0.5	**21.9**	-0.5	0.1	**59.4**	0.4	0.2

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups — **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	29.6	21.1	49.7	24.3	57.2
Median Abs Dev	2.9	3.1	1.7	1.7	3.2
Avg Within Lab SD	2.6	2.9	1.6	6.1	3.2
Labs Included	32	31	29	31	30
Labs Reporting	32	32	31	32	31

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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**43.9**	0.8	2.4	**61.9**	0.7	1.4	**41.6**	1.0	0.6	**65.6**	0.5	0.7	**36.6**	0.7	0.7
4G8ZB8	**39.6**	0.0	0.2	**55.7**	0.1	0.2	**38.1**	0.3	0.2	**65.3**	0.5	0.1	**40.3**	1.5	0.2
632WAQ	**40.0**	0.1	1.1	**62.1**	0.7	0.4	**38.3**	0.4	0.4	**63.8**	0.3	0.2	**40.8**	1.6	4.4
7VEVHY	**41.2**	0.3	0.6	**61.2**	0.7	0.3	**37.9**	0.3	0.3	**64.5**	0.4	0.3	**35.2**	0.4	0.2
8MZAAV	**36.0**	-0.6	0.9	**50.7**	-0.4	0.2	**32.0**	-0.8		**53.3**	-0.6	0.2	**31.3**	-0.5	0.4
97CDBD	**46.8**	1.3	0.5	**65.6**	1.1	0.3	**41.7**	1.0	0.2	**67.1**	0.6	0.1	**36.8**	0.7	0.4
97NAFH	**42.1**	0.4	0.4	**65.2**	1.1	0.9	**36.8**	0.1	0.6	**60.5**	0.0	0.3	**27.8**	-1.2	0.2
AVLC43	**42.3**	0.5	0.7	**61.3**	0.7	0.2	**39.0**	0.5		**65.0**	0.4		**39.2**	1.2	0.4
AW39XM	**36.1**	-0.6		**50.1**	-0.5		**32.1**	-0.8		**58.2**	-0.2		**32.1**	-0.3	
BWWDRL	**33.3**	-1.1	1.8	**33.3**	-2.2	4.0	**33.3**	-0.6	4.4	**33.3**	-2.5	4.6			
CAZ2GV	**32.5**	-1.3	0.3	**46.8**	-0.8	0.3	**31.4**	-0.9	0.4	**47.8**	-1.2	0.2	**27.5**	-1.3	0.5
CWVXUF	**41.1**	0.3		**56.0**	0.1		**38.1**	0.3		**55.3**	-0.5		**34.8**	0.3	
DNU9NV	**48.1**	1.5	2.6	**50.8**	-0.4	1.9	**42.2**	1.1	0.5	**63.1**	0.3	0.7	**35.9**	0.5	1.2
FJX2KD	**38.8**	-0.1	0.0	**58.8**	0.4	0.4	**34.8**	-0.3	0.0	**62.7**	0.2	0.0	**29.3**	-0.9	0.3
GK293W	**46.3**	1.2	1.7	**68.2**	1.4	1.3	**38.4**	0.4	0.8	**67.2**	0.7	0.7	**34.1**	0.1	0.8
GMU4P6	**48.0**	1.5	0.0	**69.3**	1.5	0.6	**41.3**	0.9	0.3	**71.3**	1.0	0.2	**35.3**	0.4	0.4
HAKLTV	**37.6**	-0.4	0.2	**52.5**	-0.2	0.3	**31.4**	-0.9	0.4	**55.2**	-0.5	0.1	**33.2**	-0.1	0.2
JBLB7N	**35.0**	-0.8	0.4	**48.7**	-0.6	0.2	**32.3**	-0.7	0.2	**50.3**	-0.9	0.1	**32.0**	-0.3	
JC7UDF	**34.9**	-0.8	0.0	**44.2**	-1.1	0.0	**31.2**	-0.9	0.0	**25.4**	-3.3	0.0	**33.5**	0.0	0.0
KCY8CT	**32.7**	-1.2	0.5	**44.9**	-1.0	0.5	**29.7**	-1.2	0.8	**55.6**	-0.4	0.5	**30.1**	-0.7	0.6
KFYB4F	**45.0**	1.0		**59.7**	0.5	0.2				**67.7**	0.7	1.0	**35.3**	0.4	0.4
N29KUM	**46.0**	1.1		**54.0**	-0.1		**40.0**	0.7		**60.0**	0.0		**30.0**	-0.7	
TEVJP7	**39.0**	-0.1		**29.0**	-2.7X		**48.0**	2.1X		**17.0**	-4.0X		**17.0**	-3.5X	
UR2WJB	**39.0**	-0.1	0.8	**49.0**	-0.6	0.4	**32.7**	-0.7	0.3	**56.0**	-0.4	0.3	**30.3**	-0.7	0.2
UVZB72	**37.0**	-0.5		**49.0**	-0.6	0.6	**30.5**	-1.1	0.2	**54.5**	-0.5	0.1	**30.5**	-0.6	0.2
WGDABY	**43.0**	0.6	0.4	**60.0**	0.5		**40.0**	0.7		**62.0**	0.2		**42.0**	1.8	

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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
WWJ4UF	**42.0**	0.4		**55.3**	0.0	0.1	**33.7**	-0.5	0.3	**57.0**	-0.3		**34.0**	0.1	0.3
X9XFPP	**36.3**	-0.6	0.5	**50.3**	-0.5	0.2	**30.3**	-1.1	0.3	**35.0**	-2.4	0.3	**34.3**	0.2	0.4
XEYU96	**37.1**	-0.4	0.1	**52.8**	-0.2	0.2	**29.5**	-1.3	0.1	**56.8**	-0.3	0.1	**24.6**	-1.9	0.2
YPCE8R	**36.4**	-0.6	0.0	**54.4**	0.0	0.0	**36.4**	0.0	0.0	**60.4**	0.0	0.0	**32.4**	-0.2	0.0
ZG3AU2	**43.1**	0.6	0.2	**67.8**	1.3	0.1	**38.5**	0.4	0.2	**64.3**	0.4	0.2	**32.2**	-0.3	0.2

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	39.6	54.9	36.4	60.2	33.5
Median Abs Dev	3.4	5.9	3.7	4.9	2.5
Avg Within Lab SD	2.3	4.9	3.8	6.2	3.3
Labs Included	31	30	29	30	29
Labs Reporting	31	31	30	31	30

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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
2RW3HH	**27.6**	-0.3	0.9	**16.8**	-0.6	1.0	**11.1**	-0.7	2.2	**11.5**	-0.5	0.4	**7.2**	-0.5	0.2
4G8ZB8	**33.7**	0.8	0.2	**24.5**	0.2	0.1	**17.5**	0.5	0.4	**17.2**	0.3	0.0	**11.5**	0.7	0.6
632WAQ	**29.2**	0.0	0.6	**19.6**	-0.3	0.6	**13.3**	-0.3	0.9	**12.1**	-0.4	0.1	**7.5**	-0.4	
7VEVHY	**29.1**	0.0	0.4	**16.4**	-0.7	0.0	**12.4**	-0.5	0.0	**11.7**	-0.5	0.2	**10.4**	0.4	0.0
8MZAAV	**35.3**	1.1	0.4	**30.0**	0.8		**20.0**	0.9		**22.0**	0.9		**10.7**	0.5	1.4
97CDBD	**23.7**	-1.0	0.5	**11.3**	-1.2	0.3	**7.2**	-1.4	0.5	**7.9**	-1.0	0.0	**5.5**	-1.0	0.3
97NAFH	**24.9**	-0.8	0.1	**10.0**	-1.4	0.1	**8.7**	-1.1	0.0	**8.0**	-0.9	0.1	**6.4**	-0.8	0.3
AVLC43	**27.0**	-0.4		**18.0**	-0.5		**12.7**	-0.4	0.4	**11.0**	-0.6		**7.5**	-0.4	
AW39XM	**32.1**	0.5		**28.1**	0.6		**18.1**	0.6		**16.1**	0.1		**8.1**	-0.3	
BWWDRL	**33.3**	0.7	3.6	**33.3**	1.2	4.4	**33.3**	3.3X	10.7	**33.3**	2.4	4.5			
CAZ2GV	**32.8**	0.6	0.2	**28.5**	0.7	0.1	**17.5**	0.5	0.3	**18.5**	0.4	0.1	**11.1**	0.6	0.1
CWVXUF	**33.5**	0.8		**26.2**	0.4		**16.8**	0.3		**18.2**	0.4		**9.2**	0.1	
DNU9NV	**30.7**	0.3	1.2	**18.2**	-0.5	1.0	**10.6**	-0.8	3.3	**12.7**	-0.3	0.7	**7.5**	-0.4	2.6
FJX2KD	**27.2**	-0.4	0.0	**17.2**	-0.6	0.0	**13.2**	-0.3	0.0	**13.2**	-0.3	0.0	**7.2**	-0.5	0.0
GK293W	**27.0**	-0.4	2.2	**14.8**	-0.8	0.5	**13.1**	-0.3	0.8	**11.2**	-0.5	0.4	**10.1**	0.3	0.6
GMU4P6	**28.0**	-0.2		**15.3**	-0.8	0.2	**10.7**	-0.8	0.7	**9.3**	-0.8	0.2	**8.0**	-0.3	
HAKLTV	**27.3**	-0.3	0.2	**22.8**	0.0	0.2	**15.4**	0.1	0.3	**15.0**	0.0	0.0	**7.6**	-0.4	0.4
JBLB7N	**37.3**	1.4	0.2	**33.3**	1.2	0.1	**23.0**	1.5		**25.3**	1.3	0.1	**12.0**	0.9	1.2
JC7UDF	**29.1**	0.0	0.0	**35.4**	1.4	0.0	**19.0**	0.7	0.0	**51.2**	4.7X	0.0	**13.0**	1.2	
KCY8CT	**29.1**	0.0	1.0	**29.6**	0.8	0.6	**19.1**	0.7	0.5	**18.5**	0.4	0.1	**5.7**	-1.0	1.8
KFYB4F	**22.3**	-1.2	0.4	**18.3**	-0.4	0.2				**5.8**	-1.2	0.8	**3.0**	-1.8	1.4
N29KUM	**19.0**	-1.8		**15.0**	-0.8		**9.0**	-1.1		**9.0**	-0.8		**9.0**	0.0	
TEVJP7	**36.0**	1.2		**57.0**	3.7X		**28.0**	2.4X		**29.0**	1.8		**39.0**	9.0X	
UR2WJB	**33.7**	0.8	0.2	**23.7**	0.1	0.1	**16.3**	0.3	1.0	**17.7**	0.3	0.1	**12.3**	1.0	0.7
UVZB72	**35.0**	1.0		**33.0**	1.1	0.3	**21.0**	1.1		**22.5**	1.0	0.1	**11.0**	0.6	
WGDABY	**26.0**	-0.6		**22.0**	0.0		**14.0**	-0.2		**14.0**	-0.2		**6.0**	-0.9	

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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
WWJ4UF	**28.3**	-0.1	0.4	**19.7**	-0.3	0.1	**12.3**	-0.5	0.7	**19.0**	0.5		**9.0**	0.0	
X9XFPP	**35.3**	1.1	0.4	**30.0**	0.8		**21.0**	1.1		**22.3**	0.9	0.2	**12.3**	1.0	1.4
XEYU96	**31.6**	0.4	0.1	**26.1**	0.4	0.1	**16.9**	0.4	0.0	**15.4**	0.0	0.1	**9.4**	0.1	0.1
YPCE8R	**43.2**	2.5	0.0	**33.2**	1.2	0.0	**25.2**	1.9	0.0	**25.2**	1.3	0.0	**19.2**	3.0	0.0
ZG3AU2	**30.0**	0.2	0.3	**18.4**	-0.4	0.2	**14.5**	-0.1	0.4	**13.8**	-0.2	0.1	**8.4**	-0.2	0.4

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups **Data units: Percent**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	29.2	22.4	15.0	15.2	9.00
Median Abs Dev	3.2	5.8	2.9	3.8	1.80
Avg Within Lab SD	2.6	4.9	1.6	6.3	0.83
Labs Included	31	30	28	30	29
Labs Reporting	31	31	30	31	30

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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
3GRCDM	**5.7**		0.0	**16.6**		0.2	**48.5**		0.2	**15.4**		0.1	**6.6**		0.0
QUFERW	**26.3**		1.4	**28.0**		1.4	**139.0**		1.4	**80.7**		1.4	**43.5**		1.4

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	16.0	22.3	93.8	48.0	25.0
Median Abs Dev					
Avg Within Lab SD	4.1	6.8	7.2	10.6	33.5
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
C94NU3	**3.41**		0.03	**9.11**		0.59	**5.21**		0.31	**8.16**		0.42	**4.22**		0.12
QPMFD2	**6.67**		1.22	**12.67**		1.28	**7.00**			**13.00**			**5.33**		1.55
WGDABY	**4.33**		1.22	**10.00**			**6.00**		1.38	**9.67**		1.35	**4.33**		0.77

DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median	4.33	10.00	6.00	9.67	4.33
Median Abs Dev					
Avg Within Lab SD	0.47	0.45	0.72	0.43	0.75
Labs Included	3	3	3	3	3
Labs Reporting	3	3	3	3	3

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DTPA-sorbitol extractable Al (SubTestCode 199) in the Other 2 Property Groups **Data units: mg/kg**

	SRS1711			SRS1712			SRS1713			SRS1714			SRS1715		
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
WGDABY				**5.00**			**3.00**						**14.33**		1.00

DTPA-sorbitol extractable Al (SubTestCode 199) in the Other 2 Property Groups **Data units: mg/kg**

	SRS1711	SRS1712	SRS1713	SRS1714	SRS1715
Grand Median		5.00	3.00		14.3
Median Abs Dev					
Avg Within Lab SD	0.00	0.00	0.00	0.00	1.5
Labs Included	0	1	1	0	1
Labs Reporting	0	1	1	0	1

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Dry Matter (%) (SubTestCode 201) **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**99.7**	5.7X	0.0	**99.8**	7.2X	0.0	**99.7**	6.4X	0.0	**99.8**	7.4X	0.0
632WAQ	**94.1**	0.6	0.1	**94.4**	0.8	0.3	**95.1**	0.5	0.2	**94.4**	0.6	0.1
AW39XM	**96.4**	2.7	0.7	**95.6**	2.2	1.3	**97.3**	3.2	0.6	**96.4**	3.1	0.7
BZXGJ9	**98.6**	4.8X	2.0	**98.4**	5.5X	1.2	**98.6**	4.9X	1.8	**97.8**	4.8X	0.9
FJX2KD	**93.1**	-0.2	0.3	**93.3**	-0.6	1.3	**94.6**	-0.2	0.1	**93.8**	-0.2	1.4
HAKLTV	**91.9**	-1.4	1.8	**93.2**	-0.7	1.2	**94.0**	-1.0	0.3	**93.2**	-0.9	0.1
JBLB7N	**93.4**	0.0	1.3	**93.7**	0.0	0.8	**94.5**	-0.4	2.9	**93.9**	0.0	1.9
JC43HT	**94.6**	1.1	0.0	**94.7**	1.1	0.0	**95.4**	0.8	0.0	**94.8**	1.1	0.0
JZRX9C	**93.8**	0.4	0.9	**93.9**	0.3	2.0	**95.1**	0.4	1.1	**94.1**	0.2	1.0
R2TT88	**93.4**	0.0	0.7	**93.7**	0.0	1.4	**95.0**	0.3	0.4	**93.9**	0.0	0.1
RR42LF	**92.7**	-0.6	0.1	**92.8**	-1.1	0.2	**94.1**	-0.9	0.3	**93.4**	-0.7	0.1
UR2WJB	**93.0**	-0.4	2.4	**93.3**	-0.5	1.2	**94.5**	-0.3	1.7	**94.0**	0.1	2.4
WGDABY	**93.9**	0.5	0.0	**94.4**	0.7	0.0	**95.1**	0.4	0.0	**94.4**	0.6	0.0
YRJQQE	**93.4**	0.0	0.0	**93.3**	-0.5	0.0	**94.8**	0.0	0.0	**93.6**	-0.5	0.0
ZAH9C4	**92.4**	-0.9	0.2	**93.9**	0.3	0.0	**94.4**	-0.4	0.2	**93.3**	-0.8	0.2

Dry Matter (%) (SubTestCode 201) **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	93.4	93.7	94.8	93.9
Median Abs Dev	0.5	0.5	0.3	0.5
Avg Within Lab SD	0.2	0.1	0.1	0.1
Labs Included	13	13	13	13
Labs Reporting	15	15	15	15

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NO3 - N Cd Rd. (SubTestCode 202) **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3UZ3DA	**28.4**	-0.2	0.8	**13.1**	-0.6	0.5	**138.7**	-0.9	2.0	**18,492.3**	-0.3	2.2
632WAQ	**34.1**	0.0	0.7	**29.1**	0.4	0.3	**200.5**	0.3	0.1	**19,758.6**	0.2	0.3
7VEVHY	**36.8**	0.1	1.1	**28.1**	0.4	1.0	**176.1**	-0.2	1.7	**19,300.0**	0.0	0.5
AV7VBU	**53.0**	0.8		**30.0**	0.5		**151.0**	-0.7		**14,087.0**	-1.9	
BWWDRL	**16.8**	-0.7	0.2	**22.6**	0.0	0.8	**169.9**	-0.3	0.8	**17,778.2**	-0.6	0.3
C94NU3	**22.0**	-0.5	0.6	**20.0**	-0.2	0.8	**154.3**	-0.6	0.2	**19,915.0**	0.2	1.6
DNU9NV	**75.1**	1.6	1.8	**26.0**	0.2	0.7	**104.9**	-1.6	0.7	**17,386.3**	-0.7	0.3
EL427J	**29.7**	-0.2	0.6	**17.7**	-0.3	0.2	**187.7**	0.0	0.3	**22,800.0**	1.3	0.7
FJX2KD	**75.4**	1.6	1.0	**17.5**	-0.3	1.4	**186.0**	0.0	0.6	**19,700.0**	0.1	1.1
J4NJZF	**17.0**	-0.7	1.9	**6.7**	-1.1	0.9	**77.3**	-2.2	0.5	**18,500.0**	-0.3	1.1
JBLB7N	**9.6**	-1.0	0.3	**20.5**	-0.1	0.3	**275.6**	1.8	1.4	**21,261.6**	0.7	0.1
JZRX9C	**40.7**	0.3	0.5	**16.2**	-0.4	0.4	**174.0**	-0.2	1.2	**18,960.2**	-0.1	0.4
KFYB4F	**34.1**	0.0	1.3	**25.9**	0.2	0.3	**185.3**	0.0	1.1	**11,833.3**	-2.7	0.2
PKWW77	**48.7**	0.6	1.0	**57.7**	2.3	2.7	**220.3**	0.7	0.5	**18,529.7**	-0.3	0.3
R2TT88	**24.3**	-0.4	0.1	**10.6**	-0.8	0.1	**194.9**	0.2	1.3	**19,837.6**	0.2	0.4
UR2WJB	**59.7**	1.0	0.8	**24.3**	0.1	0.2	**243.7**	1.2	0.8	**24,279.0**	1.8	2.2
XEYU96	**80.0**	1.8	1.3	**72.7**	3.4	1.6	**238.7**	1.1	1.0	**2,073.3**	-6.3X	0.1
ZAH9C4	**163.5**	5.2X	1.3	**120.7**	6.6X	4.8	**193.9**	0.2	0.4	**19,528.6**	0.1	0.4

NO3 - N Cd Rd. (SubTestCode 202) **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	34.1	22.6	185.7	19,300.0
Median Abs Dev	14.6	5.5	23.5	800.0
Avg Within Lab SD	3.5	3.4	9.0	646.1
Labs Included	17	17	18	17
Labs Reporting	18	18	18	18

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NO3 - N ISE (SubTestCode 203) **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**264.0**	0.2	0.1	**445.7**	0.7	1.3	**474.7**	0.8	0.7	**18,233.3**	-0.2	0.5
BWY4VJ	**81.3**	-1.0	0.1	**125.7**	-0.5	0.5	**315.7**	-0.4	0.2	**18,800.0**	0.1	0.2
RR42LF	**235.5**	0.0	0.0	**26.2**	-0.8	0.0	**372.6**	0.0	0.4	**18,575.2**	0.0	0.4
WGDABY	**35.0**	-1.2	0.0	**255.0**	0.0	0.2	**350.0**	-0.2	0.3	**18,183.3**	-0.2	0.1
XFC7BF	**398.7**	1.0	2.2	**618.2**	1.3	1.8	**632.0**	2.0	2.0	**24,395.8**	2.9	2.1

NO3 - N ISE (SubTestCode 203) **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	235.5	255.0	372.6	18,575.2
Median Abs Dev	154.2	190.7	56.9	341.8
Avg Within Lab SD	110.8	22.9	30.9	555.0
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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NO3 - N Oth. (SubTestCode 204) **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
JC43HT							**194.0**		0.3	**20,405.3**		0.9
LCWXX2	**980.5**		0.0	**3,433.4**		0.5	**1,679.0**		1.6	**6,440.4**		0.1
XFC7BF	**3,183.3**		1.4	**5,445.0**		1.3	**4,504.2**		0.4	**17,236.2**		1.5

NO3 - N Oth. (SubTestCode 204) **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	2,081.9	4,439.2	1,679.0	17,236.2
Median Abs Dev				
Avg Within Lab SD	820.2	201.4	48.2	546.5
Labs Included	2	2	3	3
Labs Reporting	2	2	3	3

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NH4-N (SubTestCode 205) **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
EDR62D	**423.5**		2.0	**176.4**		1.8	**317.5**		1.9	**375.5**		1.7
R2TT88	**367.0**		0.1	**166.5**		0.8	**236.7**		0.3	**357.3**		0.8
UR2WJB	**43.3**		0.1	**29.3**		0.1	**17.3**		0.0	**282.7**		0.3
ZAH9C4	**400.4**		0.3	**0.1**		0.0	**120.9**		0.5	**344.3**		0.4

NH4-N (SubTestCode 205) **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	383.7	97.9	178.8	350.8
Median Abs Dev				
Avg Within Lab SD	54.8	21.5	42.7	48.5
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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PO4 - P (SubTestCode 206) **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3UZ3DA	**2,936.0**	-0.3	0.5	**302.7**	0.1	0.1	**865.3**	-0.6	0.7	**2,378.7**	0.0	1.9
4G8ZB8	**3,050.0**	0.0	1.7	**300.0**	0.1	1.0	**970.0**	0.5	1.5	**2,463.3**	0.2	0.6
7VEVHY	**3,056.7**	0.0	0.7	**216.0**	-0.7	0.6	**940.2**	0.2	0.9	**2,446.7**	0.2	0.6
BWWDRL	**3,041.2**	0.0	0.4	**65.0**	-2.0	0.0	**862.7**	-0.6	0.9	**2,335.4**	-0.2	0.5
C94NU3	**2,854.5**	-0.5	0.8	**207.8**	-0.7	0.6	**871.3**	-0.5	0.8	**2,440.7**	0.1	0.3
DNU9NV	**2,854.7**	-0.5	0.0	**289.4**	0.0	0.1	**841.8**	-0.8	0.2	**2,314.9**	-0.2	0.2
LCWXX2	**3,920.0**	2.4	0.4	**308.0**	0.2	1.4	**933.8**	0.1	0.4	**1,263.0**	-3.1	0.2
PKWW77	**3,088.7**	0.1	0.2	**164.7**	-1.1	0.7	**921.3**	0.0	0.5	**2,441.7**	0.1	0.3
UR2WJB	**3,677.3**	1.7	2.3	**389.7**	0.9	1.3	**1,179.3**	2.6	2.6	**3,522.3**	3.1	0.9
WGDABY	**2,813.3**	-0.7	0.3	**256.7**	-0.3	0.3	**923.3**	0.0	0.5	**2,243.3**	-0.4	0.1
XEYU96	**3,063.3**	0.0	0.1	**180.0**	-1.0	0.5	**910.0**	-0.1	0.6	**2,390.0**	0.0	0.2
XFC7BF	**2,623.3**	-1.2	0.5	**345.3**	0.5	2.1	**803.0**	-1.2	0.3	**2,273.3**	-0.3	1.9
ZAH9C4	**3,484.8**	1.2	1.6	**408.6**	1.1	1.4	**1,065.7**	1.5	0.0	**2,684.8**	0.8	1.9

PO4 - P (SubTestCode 206) **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	3,050.0	289.4	921.3	2,390.0
Median Abs Dev	195.3	73.4	50.0	73.3
Avg Within Lab SD	111.0	19.8	24.2	85.5
Labs Included	13	13	13	13
Labs Reporting	13	13	13	13

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SO4 - S (SubTestCode 207) **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
J4NJZF	**2,566.7**		1.7	**1,100.0**			**1,966.7**		1.1	**2,300.0**	1.6
RR42LF	**830.3**		0.3	**464.8**		1.1	**840.3**		0.8	**1,207.6**	0.9
UR2WJB	**669.3**		0.3	**520.0**		0.8	**915.3**		1.1	**1,400.7**	0.0
WGDABY	**200.0**			**100.0**			**200.0**			**1,050.0**	0.8

SO4 - S (SubTestCode 207) **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	749.8	492.4	877.8	1,304.1
Median Abs Dev				
Avg Within Lab SD	149.8	28.1	53.6	62.6
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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Cl (SubTestCode 208) **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2RW3HH	**0.01**	-0.83	0.03	**0.30**	-0.33	0.13	**0.08**	-0.38	0.04	**2.57**	-0.23	0.85
3UZ3DA	**0.11**	0.25	0.26	**0.55**	0.64	0.34	**0.23**	0.95	1.33	**2.70**	0.23	0.55
4G8ZB8	**0.08**	-0.14	0.52	**0.38**	0.00	0.86	**0.13**	0.07	0.74	**2.59**	-0.16	0.28
7VEVHY	**0.17**	0.88	0.68	**0.75**	1.40	2.41	**0.35**	1.93	2.08	**2.61**	-0.09	0.56
BZXGJ9	**0.14**	0.51	0.52	**0.75**	1.39	1.53	**0.33**	1.77	0.98	**4.03**	5.04	2.73
EL427J	**0.16**	0.72	0.62	**1.00**	2.33	0.57	**0.30**	1.56	0.83	**2.59**	-0.16	0.41
JBLB7N	**0.06**	-0.36	0.03	**0.33**	-0.19	0.15	**0.10**	-0.20	0.22	**2.66**	0.09	0.06
JC43HT	**0.03**	-0.69	0.26	**0.31**	-0.28	0.00	**0.09**	-0.34	0.37	**2.52**	-0.41	0.11
JZRX9C	**0.19**	1.12	0.17	**0.97**	2.22	0.61	**0.33**	1.80	0.16	**2.83**	0.71	0.18
R2TT88	**0.03**	-0.70	0.01	**0.33**	-0.19	0.03	**0.09**	-0.34	0.08	**2.84**	0.73	1.83
TEVJP7	**0.06**	-0.36	0.52	**0.36**	-0.10	0.17	**0.11**	-0.10	0.37	**2.70**	0.25	0.12
UR2WJB	**0.09**	0.00	0.45	**0.42**	0.14	0.30	**0.12**	-0.01	1.95	**0.94**	-6.15**X**	0.34
WGDABY	**0.24**	1.58	0.00	**0.35**	-0.13	0.03	**0.14**	0.17	0.07	**2.48**	-0.54	0.03
XEYU96	**0.01**	-0.87	0.00	**0.31**	-0.28	0.00	**0.07**	-0.48	0.00	**2.53**	-0.39	0.25
XFC7BF	**0.19**	1.10	3.60	**0.52**	0.50	2.27	**0.13**	0.00	1.60	**2.75**	0.42	1.23

Cl (SubTestCode 208) **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.09	0.38	0.13	2.63
Median Abs Dev	0.06	0.07	0.04	0.09
Avg Within Lab SD	0.02	0.03	0.02	0.09
Labs Included	15	15	15	14
Labs Reporting	15	15	15	15

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TKN (SubTestCode 209) **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3UZ3DA	**4.72**	0.46	0.31	**1.19**	-0.23	0.24	**2.30**	0.17	0.31	**3.91**	1.91	0.21
7VEVHY	**4.74**	0.51	0.80	**1.22**	0.05	0.33	**2.27**	0.02	0.31	**2.70**	0.00	0.12
AW39XM	**4.60**	0.07	0.92	**1.22**	0.00	0.36	**2.30**	0.17	0.12	**2.71**	0.01	0.44
BZXGJ9	**4.58**	0.00	0.36	**1.06**	-1.45	0.32	**2.12**	-0.90	1.35	**3.72**	1.60	0.34
HAKLTV	**4.44**	-0.42	0.71	**1.44**	2.04	0.42	**2.21**	-0.35	0.23	**2.29**	-0.64	0.74
KFYB4F	**4.58**	0.00	0.42	**1.25**	0.26	0.36	**2.22**	-0.31	0.45	**2.36**	-0.53	0.35
LRA7X6	**4.50**	-0.24	0.14	**1.21**	-0.03	0.08	**2.27**	0.00	0.08	**2.59**	-0.16	0.04
R2TT88	**4.93**	1.09	0.27	**1.33**	0.99	0.37	**2.41**	0.87	0.16	**2.78**	0.13	0.14
ZAH9C4	**3.52**	-3.29	2.55	**1.11**	-1.02	2.86	**1.74**	-3.28	2.59	**2.00**	-1.09	2.82

TKN (SubTestCode 209) **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	4.58	1.22	2.27	2.70
Median Abs Dev	0.14	0.03	0.05	0.34
Avg Within Lab SD	0.10	0.06	0.07	0.12
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9

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N- Dry Comb. (SubTestCode 210) **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2FKHJV	**4.78**	0.11	0.15	**1.30**	0.28	0.20	**2.36**	0.43	0.11	**3.94**	0.00	0.34
4G8ZB8	**5.01**	1.39	1.29	**1.04**	-4.51X	1.64	**2.27**	-1.08	0.86	**4.05**	0.76	0.75
632WAQ	**5.04**	1.60	0.13	**1.35**	1.34	0.28	**2.46**	1.91	0.13	**4.16**	1.46	0.12
667R8V	**4.76**	0.02	0.35	**1.27**	-0.16	0.88	**2.31**	-0.35	0.28	**3.91**	-0.22	0.50
AV7VBU	**4.48**	-1.54	4.69	**1.19**	-1.83	0.25	**2.31**	-0.48	4.24	**3.67**	-1.84	3.20
AW39XM	**5.07**	1.73	0.26	**1.34**	1.01	0.18	**2.48**	2.22	0.17	**4.21**	1.84	0.21
BWWDRL	**4.62**	-0.77	0.52	**1.14**	-2.76	1.96	**2.22**	-1.79	0.64	**3.80**	-0.96	1.44
BWY4VJ	**4.70**	-0.30	0.85	**1.28**	0.03	2.37	**2.32**	-0.25	0.36	**3.88**	-0.42	0.69
BZXGJ9	**4.58**	-1.00	0.47	**1.06**	-4.20X	0.70	**2.12**	-3.31X	1.65	**3.72**	-1.50	0.82
DNU9NV	**4.81**	0.32	0.19	**1.36**	1.47	0.54	**2.36**	0.37	1.74	**3.96**	0.12	0.30
EDR62D	**4.79**	0.18	0.48	**1.27**	-0.29	0.44	**2.34**	0.00	0.27	**3.93**	-0.08	0.60
EL427J	**4.71**	-0.26	0.00	**1.27**	-0.22	0.35	**2.34**	0.01	0.11	**3.91**	-0.22	0.60
FJX2KD	**4.79**	0.20	0.10	**1.29**	0.13	0.16	**2.35**	0.28	0.16	**3.99**	0.33	0.14
GLXQ3C	**4.77**	0.06	0.15	**1.30**	0.28	0.53	**2.37**	0.58	0.21	**3.95**	0.09	0.30
J4NJZF	**4.69**	-0.37	0.81	**1.33**	0.91	0.92	**2.42**	1.36	1.24	**4.11**	1.16	1.34
JBLB7N	**4.71**	-0.28	0.56	**1.24**	-0.78	0.18	**2.30**	-0.53	0.30	**3.88**	-0.42	0.22
JC43HT	**4.68**	-0.41	0.08	**1.30**	0.34	0.00	**2.34**	0.06	0.18	**3.94**	0.00	0.00
JYX9QG	**4.82**	0.34	0.85	**1.27**	-0.22	0.73	**2.35**	0.25	0.15	**3.99**	0.36	0.20
KMYV7B	**4.62**	-0.74	0.52	**1.22**	-1.11	0.70	**2.28**	-0.87	0.56	**3.86**	-0.54	0.77
L78EEJ	**4.72**	-0.18	0.40	**1.25**	-0.63	0.53	**2.32**	-0.18	0.34	**3.84**	-0.67	0.63
PKWW77	**4.71**	-0.26	0.13	**1.30**	0.41	0.40	**2.33**	-0.04	0.38	**2.89**	-7.05X	0.41
R2TT88	**5.16**	2.24	0.36	**1.30**	0.32	0.27	**2.39**	0.88	0.91	**4.19**	1.68	0.09
RR42LF	**4.79**	0.21	0.22	**1.28**	-0.03	0.25	**2.32**	-0.19	0.14	**3.95**	0.07	0.28
TEVJP7	**4.57**	-1.04	0.40	**1.24**	-0.73	3.31	**2.30**	-0.51	0.90	**4.04**	0.69	2.85
UR2WJB	**4.75**	-0.02	0.08	**1.27**	-0.29	0.20	**2.31**	-0.40	0.18	**3.91**	-0.22	0.23
WGDABY	**5.05**	1.63	0.33	**1.34**	1.02	1.01	**2.44**	1.54	0.61	**4.12**	1.24	0.24

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N- Dry Comb. (SubTestCode 210) **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
XEYU96	**4.53**	-1.28	0.20	**1.28**	-0.10	0.40	**2.29**	-0.66	0.28	**3.76**	-1.18	0.30
XFC7BF	**4.83**	0.43	0.12	**1.33**	0.87	0.10	**2.40**	1.00	0.16	**3.96**	0.14	0.61

N- Dry Comb. (SubTestCode 210) **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	4.76	1.28	2.34	3.94
Median Abs Dev	0.06	0.02	0.03	0.06
Avg Within Lab SD	0.08	0.03	0.05	0.05
Labs Included	28	26	27	27
Labs Reporting	28	28	28	28

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S- Dry Comb. (SubTestCode 211) **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
JZRX9C	**0.32**		1.00	**0.14**		1.00	**0.23**		1.00	**0.20**		1.00

S- Dry Comb. (SubTestCode 211) **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.32	0.14	0.23	0.20
Median Abs Dev				
Avg Within Lab SD	0.01	0.00	0.00	0.01
Labs Included	1	1	1	1
Labs Reporting	1	1	1	1

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P (SubTestCode 212) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2FKHJV	**0.407**	0.042	0.000	**0.064**	-0.267	0.000	**0.144**	-0.346	0.178	**0.387**	-0.391	0.183
3GRCDM	**0.383**	-0.558	0.352	**0.047**	-2.005	0.853	**0.117**	-2.038	0.671	**0.297**	-2.214	1.384
3UZ3DA	**0.421**	0.397	1.068	**0.068**	0.134	0.391	**0.146**	-0.265	0.178	**0.406**	0.000	0.452
632WAQ	**0.437**	0.809	0.239	**0.076**	0.960	0.004	**0.162**	0.727	0.210	**0.419**	0.260	0.639
667R8V	**0.403**	-0.051	0.352	**0.060**	-0.668	0.000	**0.150**	0.000	0.000	**0.403**	-0.054	0.346
67433X	**0.214**	-4.858X	0.196	**0.034**	-3.275X	0.148	**0.081**	-4.198X	0.134	**0.251**	-3.145X	0.069
7VEVHY	**0.386**	-0.490	0.600	**0.070**	0.301	0.372	**0.150**	0.000	0.419	**0.408**	0.047	0.510
AV7VBU	**0.400**	-0.135	0.000	**0.065**	-0.167	1.044	**0.145**	-0.306	0.822	**0.380**	-0.526	0.847
AW39XM	**0.405**	0.000	0.127	**0.068**	0.134	0.000	**0.153**	0.183	0.000	**0.396**	-0.209	0.151
BWWDRL	**0.394**	-0.294	1.461	**0.057**	-1.001	0.115	**0.128**	-1.347	0.120	**0.340**	-1.340	0.102
BWY4VJ	**0.412**	0.181	2.642	**0.080**	1.346	2.867	**0.140**	-0.582	2.270	**0.425**	0.378	0.532
BZXGJ9	**0.303**	-2.585	2.537	**0.050**	-1.671	1.477	**0.113**	-2.242	0.671	**0.317**	-1.809	1.508
C94NU3	**0.404**	-0.035	0.348	**0.064**	-0.317	0.129	**0.147**	-0.214	0.290	**0.438**	0.640	0.374
DNU9NV	**0.522**	2.965	2.267	**0.091**	2.406	1.805	**0.189**	2.395	2.829	**0.463**	1.161	2.563
EDR62D	**0.459**	1.357	0.385	**0.076**	0.930	0.213	**0.157**	0.438	0.864	**0.435**	0.592	1.080
EL427J	**0.410**	0.118	0.000	**0.067**	0.000	0.853	**0.150**	0.000	1.163	**0.403**	-0.054	0.346
FJX2KD	**0.392**	-0.346	1.264	**0.058**	-0.902	1.749	**0.142**	-0.489	1.914	**0.381**	-0.513	1.184
GLXQ3C	**0.407**	0.034	0.704	**0.067**	0.000	0.853	**0.153**	0.204	0.671	**0.410**	0.081	0.599
HAKLTV	**0.427**	0.541	1.861	**0.083**	1.671	2.256	**0.177**	1.630	3.553	**0.423**	0.351	2.422
HLQYM2	**0.447**	1.048	0.352	**0.070**	0.334	0.000	**0.160**	0.611	0.000	**0.443**	0.756	0.692
J4NJZF	**0.457**	1.301	1.407	**0.063**	-0.334	0.853	**0.147**	-0.204	0.671	**0.427**	0.418	0.915
JBLB7N	**0.399**	-0.158	0.131	**0.063**	-0.356	0.073	**0.144**	-0.348	0.238	**0.376**	-0.612	1.046
JC43HT	**0.393**	-0.304	0.352	**0.060**	-0.668	0.000	**0.140**	-0.611	0.000	**0.390**	-0.324	0.000
JYX9QG	**0.379**	-0.674	0.633	**0.061**	-0.553	0.088	**0.142**	-0.511	0.410	**0.377**	-0.593	0.458
JZRX9C	**0.511**	2.666	0.526	**0.083**	1.596	0.083	**0.171**	1.281	0.169	**0.446**	0.812	0.610
KFYB4F	**0.393**	-0.304	0.931	**0.061**	-0.535	0.226	**0.140**	-0.611	0.000	**0.383**	-0.459	0.346

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P (SubTestCode 212) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
KMYV7B	**0.417**	0.298	0.351	**0.055**	-1.140	0.708	**0.143**	-0.401	0.504	**0.386**	-0.400	0.480
L78EEJ	**0.398**	-0.191	0.052	**0.068**	0.174	0.451	**0.145**	-0.298	0.479	**0.357**	-0.986	0.696
LRA7X6	**0.357**	-1.228	0.171	**0.066**	-0.055	0.153	**0.166**	0.974	0.449	**0.447**	0.832	0.156
PKWW77	**0.402**	-0.076	1.227	**0.071**	0.468	0.307	**0.154**	0.224	0.134	**0.428**	0.439	0.183
R2TT88	**0.450**	1.143	0.151	**0.070**	0.342	0.106	**0.161**	0.679	0.107	**0.442**	0.734	0.208
R6R7VW	**0.418**	0.313	0.465	**0.068**	0.117	0.084	**0.159**	0.550	0.707	**0.464**	1.174	0.000
TEVJP7	**0.380**	-0.642	0.000	**0.067**	0.000	0.853	**0.143**	-0.408	0.671	**0.377**	-0.594	0.346
U8A62Q	**0.419**	0.338	0.093	**0.070**	0.334	0.000	**0.150**	0.000	0.000	**0.460**	1.093	2.612
UR2WJB	**0.403**	-0.051	0.352	**0.073**	0.668	0.853	**0.150**	0.000	0.000	**0.373**	-0.661	0.346
WGDABY	**0.440**	0.879	0.531	**0.065**	-0.167	0.391	**0.169**	1.162	0.419	**0.453**	0.945	1.025
XFC7BF	**0.397**	-0.220	0.496	**0.074**	0.708	0.325	**0.146**	-0.224	0.537	**0.394**	-0.243	1.143
YRJQQE	**0.450**	1.141	0.281	**0.070**	0.354	0.291	**0.163**	0.774	0.374	**0.480**	1.505	0.883
Z6P4LK	**0.358**	-1.208	0.714	**0.051**	-1.571	0.148	**0.127**	-1.427	0.857	**0.364**	-0.857	1.115
ZAH9C4	**0.452**	1.184	1.931	**0.076**	0.951	3.178	**0.176**	1.601	1.158	**0.468**	1.246	1.324

P (SubTestCode 212) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.41	0.067	0.15	0.41
Median Abs Dev	0.01	0.005	0.01	0.03
Avg Within Lab SD	0.02	0.007	0.01	0.02
Labs Included	39	39	39	39
Labs Reporting	40	40	40	40

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K (SubTestCode 213) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2FKHJV	**0.70**	-0.10	0.17	**0.99**	-0.06	0.09	**1.25**	-0.15	0.29	**9.94**	0.06	0.11
3GRCDM	**0.73**	0.23	1.11	**0.90**	-0.96	0.73	**1.33**	0.44	0.80	**9.78**	-0.07	1.52
3UZ3DA	**0.71**	0.01	0.67	**1.03**	0.23	0.43	**1.27**	-0.05	0.16	**10.16**	0.25	0.53
632WAQ	**0.70**	-0.16	0.19	**1.05**	0.47	0.15	**1.38**	0.87	0.14	**10.92**	0.88	0.66
667R8V	**0.65**	-0.88	0.29	**0.93**	-0.68	0.09	**1.19**	-0.67	0.14	**9.81**	-0.05	0.13
67433X	**0.80**	1.23	0.12	**1.10**	0.89	0.06	**1.55**	2.26	0.03	**12.45**	2.16	0.11
7VEVHY	**0.67**	-0.63	0.45	**0.95**	-0.43	0.50	**1.26**	-0.13	0.76	**9.84**	-0.02	0.88
AV7VBU	**0.74**	0.35	0.21	**1.05**	0.42	0.77	**1.27**	-0.02	1.37	**10.09**	0.19	0.48
AW39XM	**0.69**	-0.23	0.10	**1.01**	0.10	0.09	**1.29**	0.14	0.01	**10.06**	0.16	0.10
BWWDRL	**0.61**	-1.40	0.38	**0.89**	-1.05	0.49	**1.12**	-1.21	0.23	**8.49**	-1.15	0.79
BWY4VJ	**0.72**	0.10	2.23	**0.99**	-0.13	1.57	**1.22**	-0.40	2.63	**9.12**	-0.63	1.23
BZXGJ9	**0.54**	-2.52	1.61	**0.86**	-1.33	1.81	**1.04**	-1.85	0.70	**8.51**	-1.14	1.50
C94NU3	**0.69**	-0.27	0.38	**0.89**	-1.02	0.08	**1.17**	-0.81	0.07	**9.02**	-0.71	0.81
DNU9NV	**0.78**	0.95	0.73	**1.11**	1.02	0.61	**1.39**	0.91	0.91	**9.92**	0.04	0.77
EDR62D	**0.82**	1.51	4.31	**1.17**	1.63	3.66	**1.48**	1.67	4.37	**11.22**	1.13	0.10
EL427J	**0.73**	0.33	0.17	**1.05**	0.50	0.32	**1.31**	0.33	0.44	**10.49**	0.52	0.07
FJX2KD	**0.70**	-0.17	0.89	**0.98**	-0.20	3.39	**1.27**	0.00	2.34	**10.46**	0.50	2.04
GLXQ3C	**0.70**	-0.20	0.34	**0.98**	-0.19	0.00	**1.27**	-0.05	0.35	**9.53**	-0.28	0.23
HAKLTV	**0.71**	-0.01	0.59	**1.00**	0.00	1.63	**1.27**	-0.02	0.77	**9.57**	-0.25	2.06
HLQYM2	**0.74**	0.43	0.29	**1.07**	0.65	0.56	**1.36**	0.68	0.29	**11.21**	1.13	0.75
J4NJZF	**0.79**	1.20	1.38	**1.05**	0.47	0.77	**1.34**	0.52	0.35	**10.56**	0.58	0.60
JBLB7N	**0.74**	0.44	0.59	**0.96**	-0.40	0.23	**1.27**	0.00	0.09	**9.53**	-0.28	0.56
JC43HT	**0.59**	-1.70	0.17	**0.85**	-1.40	0.15	**1.06**	-1.69	0.08	**9.23**	-0.53	0.11
JYX9QG	**0.78**	1.05	0.75	**1.05**	0.47	0.22	**1.32**	0.39	0.30	**9.76**	-0.09	0.15
JZRX9C	**0.74**	0.47	0.10	**1.09**	0.83	0.19	**1.33**	0.47	0.07	**8.59**	-1.07	0.22
KFYB4F	**0.72**	0.14	0.51	**1.07**	0.62	0.89	**1.30**	0.22	0.00	**9.87**	0.00	0.52

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K (SubTestCode 213) in the Wet Digestion Property Groups — **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
KMYV7B	**0.60**	-1.62	0.46	**0.96**	-0.39	0.05	**1.22**	-0.44	0.12	**10.68**	0.68	1.07
L78EEJ	**0.71**	0.01	0.18	**1.08**	0.73	0.71	**1.33**	0.43	0.67	**8.08**	-1.50	1.31
LCWXX2	**0.57**	-2.09	0.34	**0.87**	-1.22	1.18	**1.01**	-2.14	0.77	**8.68**	-0.99	0.27
LRA7X6	**0.40**	-4.50X	0.48	**0.85**	-1.37	0.29	**1.17**	-0.87	0.39	**10.06**	0.16	0.24
PKWW77	**0.70**	-0.14	1.02	**1.02**	0.15	0.28	**1.32**	0.39	0.20	**10.13**	0.22	0.06
R2TT88	**0.73**	0.24	0.19	**1.05**	0.50	0.06	**1.33**	0.45	0.15	**10.99**	0.94	0.11
R6R7VW	**0.68**	-0.40	0.51	**1.01**	0.07	0.36	**1.32**	0.36	0.52	**11.33**	1.23	0.34
TEVJP7	**0.65**	-0.83	0.17	**0.97**	-0.31	0.32	**1.21**	-0.53	0.42	**9.32**	-0.46	1.46
U8A62Q	**0.70**	-0.13	0.19	**1.01**	0.12	0.24	**1.22**	-0.40	0.35	**11.03**	0.98	2.67
UR2WJB	**0.75**	0.52	0.94	**0.86**	-1.27	0.18	**1.13**	-1.12	0.29	**7.38**	-2.08	0.43
WGDABY	**0.74**	0.40	0.56	**1.10**	0.94	0.24	**1.30**	0.26	0.50	**9.41**	-0.38	0.31
XFC7BF	**0.76**	0.77	0.87	**0.91**	-0.85	0.38	**1.17**	-0.80	0.76	**9.07**	-0.66	1.10
YRJQQE	**0.70**	-0.14	0.26	**1.00**	-0.03	0.23	**1.27**	0.01	0.44	**10.77**	0.75	0.47
Z6P4LK	**0.57**	-1.99	0.73	**0.76**	-2.20	0.19	**1.03**	-1.95	0.53	**8.93**	-0.78	0.47
ZAH9C4	**0.78**	0.97	1.47	**1.15**	1.36	0.93	**1.46**	1.56	0.66	**12.20**	1.96	2.63

K (SubTestCode 213) in the Wet Digestion Property Groups — **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.71	1.00	1.27	9.87
Median Abs Dev	0.03	0.05	0.05	0.69
Avg Within Lab SD	0.03	0.06	0.07	0.45
Labs Included	40	41	41	41
Labs Reporting	41	41	41	41

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Ca (SubTestCode 214) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**1.15**	-2.04	0.58	**1.40**	-3.45X	0.58	**2.33**	-3.07	0.48	**1.30**	-1.35	0.97
3UZ3DA	**1.59**	0.61	0.75	**2.25**	0.75	0.54	**3.72**	0.18	0.30	**1.52**	0.25	0.51
632WAQ	**1.62**	0.79	0.44	**2.48**	1.88	0.11	**4.03**	0.91	0.19	**1.61**	0.84	0.25
667R8V	**1.49**	0.01	0.51	**2.08**	-0.10	0.17	**3.58**	-0.14	0.28	**1.44**	-0.34	0.15
67433X	**1.50**	0.07	0.04	**2.13**	0.16	0.02	**4.06**	0.98	0.01	**1.74**	1.76	0.83
7VEVHY	**1.41**	-0.46	0.15	**1.96**	-0.69	0.87	**3.57**	-0.17	0.40	**1.48**	-0.08	0.42
AV7VBU	**1.58**	0.57	2.89	**2.28**	0.85	1.59	**3.86**	0.50	2.17	**1.47**	-0.16	2.16
AW39XM	**1.50**	0.11	0.06	**2.10**	-0.01	0.13	**3.65**	0.02	0.08	**1.44**	-0.35	0.11
BWWDRL	**1.44**	-0.25	0.34	**1.85**	-1.23	0.06	**3.28**	-0.84	0.31	**1.27**	-1.55	0.10
BWY4VJ	**1.47**	-0.12	1.00	**2.06**	-0.21	1.24	**3.43**	-0.48	2.81	**1.49**	0.03	0.91
BZXGJ9	**1.30**	-1.15	2.13	**2.04**	-0.30	2.21	**3.22**	-0.99	0.77	**1.37**	-0.83	1.31
C94NU3	**1.40**	-0.50	0.35	**1.88**	-1.08	0.09	**3.33**	-0.73	0.10	**1.42**	-0.46	0.23
DNU9NV	**2.05**	3.44	2.45	**2.77**	3.30X	1.68	**4.83**	2.79	1.57	**1.77**	2.02	1.70
EDR62D	**1.62**	0.81	2.96	**2.18**	0.41	2.10	**3.65**	0.03	2.64	**1.54**	0.34	2.58
EL427J	**1.56**	0.45	0.15	**2.25**	0.75	0.34	**3.79**	0.34	0.77	**1.52**	0.20	0.30
FJX2KD	**1.54**	0.31	0.93	**2.11**	0.04	3.74	**3.46**	-0.41	2.79	**1.56**	0.51	2.16
GLXQ3C	**1.46**	-0.14	0.86	**2.02**	-0.41	0.77	**3.52**	-0.28	0.83	**1.48**	-0.03	0.47
HAKLTV	**1.69**	1.24	0.15	**2.16**	0.31	0.72	**3.64**	0.00	0.81	**1.68**	1.34	1.31
HLQYM2	**1.51**	0.13	0.17	**2.18**	0.40	0.70	**3.65**	0.02	0.25	**1.50**	0.06	0.51
J4NJZF	**1.70**	1.32	1.58	**2.27**	0.83	0.98	**3.91**	0.63	0.32	**1.59**	0.72	0.67
JBLB7N	**1.48**	-0.01	0.38	**2.01**	-0.45	0.20	**3.57**	-0.17	0.25	**1.48**	-0.05	0.68
JC43HT	**1.30**	-1.15	0.42	**1.85**	-1.25	0.13	**3.15**	-1.15	0.12	**1.24**	-1.73	0.08
JYX9QG	**1.47**	-0.08	0.47	**2.10**	0.01	0.30	**3.70**	0.14	0.41	**1.44**	-0.31	0.42
JZRX9C	**1.73**	1.46	0.13	**2.37**	1.32	0.22	**4.27**	1.48	0.26	**1.63**	1.01	0.31
KFYB4F	**1.47**	-0.12	0.84	**2.07**	-0.17	0.48	**3.60**	-0.09	1.04	**1.47**	-0.15	0.84
KMYV7B	**1.60**	0.68	0.39	**1.99**	-0.56	0.82	**3.66**	0.05	0.24	**1.46**	-0.22	0.59

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Ca (SubTestCode 214) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
L78EEJ	**1.48**	-0.05	0.07	**2.19**	0.42	0.78	**3.70**	0.14	0.83	**1.48**	-0.07	0.75
LCWXX2	**1.21**	-1.65	0.62	**1.79**	-1.54	0.70	**2.94**	-1.64	0.36	**1.18**	-2.21	0.47
LRA7X6	**1.44**	-0.29	0.23	**2.10**	0.02	0.45	**3.16**	-1.12	0.59	**1.55**	0.42	0.49
PKWW77	**1.48**	-0.06	0.29	**2.11**	0.03	0.28	**3.73**	0.22	0.21	**1.51**	0.14	0.19
R2TT88	**1.59**	0.63	0.15	**2.26**	0.78	0.09	**3.83**	0.45	0.09	**1.55**	0.42	0.08
R6R7VW	**1.46**	-0.16	0.15	**2.08**	-0.09	0.46	**3.72**	0.19	0.58	**1.54**	0.35	0.44
TEVJP7	**1.33**	-0.97	0.17	**1.97**	-0.66	0.51	**3.44**	-0.47	1.20	**1.31**	-1.28	0.80
U8A62Q	**1.42**	-0.40	0.25	**2.07**	-0.17	0.13	**3.39**	-0.59	0.03	**1.52**	0.20	2.31
UR2WJB	**1.46**	-0.14	0.74	**1.98**	-0.60	0.08	**3.38**	-0.60	0.30	**1.48**	-0.08	0.80
WGDABY	**1.65**	0.99	0.70	**2.38**	1.36	1.26	**5.89**	5.25X	0.19	**1.50**	0.09	1.14
XFC7BF	**1.50**	0.07	0.51	**2.18**	0.39	0.79	**3.53**	-0.26	0.18	**1.46**	-0.20	0.50
YRJQQE	**1.50**	0.09	0.39	**2.08**	-0.09	0.50	**3.65**	0.03	0.30	**1.63**	0.98	0.97
Z6P4LK	**1.19**	-1.82	0.30	**1.53**	-2.82	0.29	**2.81**	-1.94	0.69	**1.21**	-1.94	0.95
ZAH9C4	**1.76**	1.65	1.39	**2.61**	2.49	1.14	**4.52**	2.06	0.80	**1.75**	1.87	0.76

Ca (SubTestCode 214) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	1.49	2.10	3.64	1.49
Median Abs Dev	0.08	0.09	0.19	0.05
Avg Within Lab SD	0.07	0.12	0.17	0.07
Labs Included	40	38	39	40
Labs Reporting	40	40	40	40

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Mg (SubTestCode 215) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**0.78**	-0.85	1.45	**0.21**	-1.90	0.80	**0.29**	-1.80	0.73	**0.58**	-1.67	1.74
3UZ3DA	**0.93**	0.77	0.80	**0.28**	0.72	0.81	**0.36**	0.42	0.16	**0.74**	0.41	0.60
632WAQ	**0.92**	0.68	0.21	**0.27**	0.68	0.08	**0.37**	0.57	0.10	**0.74**	0.41	0.21
667R8V	**0.83**	-0.28	0.91	**0.24**	-0.75	0.40	**0.33**	-0.66	0.96	**0.66**	-0.59	0.71
67433X	**0.81**	-0.58	0.11	**0.27**	0.41	0.18	**0.40**	1.30	0.19	**0.90**	2.55	0.14
7VEVHY	**0.82**	-0.39	0.37	**0.25**	-0.37	0.80	**0.35**	-0.08	0.73	**0.71**	0.00	0.85
AV7VBU	**0.88**	0.21	0.00	**0.26**	0.15	0.98	**0.35**	-0.13	2.22	**0.69**	-0.29	1.68
AW39XM	**0.86**	0.02	0.05	**0.26**	0.17	0.08	**0.35**	-0.07	0.22	**0.70**	-0.10	0.14
BWWDRL	**0.80**	-0.59	0.78	**0.22**	-1.21	0.59	**0.30**	-1.37	0.33	**0.64**	-0.92	0.07
BWY4VJ	**0.85**	-0.14	2.02	**0.24**	-0.66	1.33	**0.31**	-1.05	2.48	**0.69**	-0.24	0.89
BZXGJ9	**0.70**	-1.67	2.38	**0.25**	-0.37	2.43	**0.32**	-0.85	0.63	**0.67**	-0.50	1.89
C94NU3	**0.81**	-0.54	0.23	**0.23**	-1.14	0.23	**0.32**	-0.97	0.32	**0.69**	-0.20	0.10
DNU9NV	**1.15**	3.12X	2.22	**0.32**	2.36	0.22	**0.43**	2.36	0.58	**0.79**	1.08	1.80
EDR62D	**0.96**	1.10	2.52	**0.29**	1.30	1.96	**0.37**	0.53	2.11	**0.76**	0.76	1.64
EL427J	**0.90**	0.39	0.66	**0.27**	0.40	0.40	**0.36**	0.39	0.36	**0.68**	-0.41	0.20
FJX2KD	**0.91**	0.58	1.52	**0.25**	-0.24	3.59	**0.36**	0.25	2.47	**0.74**	0.42	1.20
GLXQ3C	**0.85**	-0.14	0.91	**0.24**	-0.50	0.40	**0.34**	-0.27	0.63	**0.69**	-0.23	0.34
HAKLTV	**0.78**	-0.85	0.95	**0.25**	-0.37	1.74	**0.35**	0.11	1.58	**0.65**	-0.77	0.90
HLQYM2	**0.87**	0.11	0.32	**0.26**	0.15	0.69	**0.35**	0.01	0.63	**0.71**	0.05	0.59
J4NJZF	**1.00**	1.53	1.80	**0.28**	0.79	1.44	**0.38**	0.78	0.73	**0.78**	0.95	0.85
JBLB7N	**0.92**	0.59	0.09	**0.26**	0.00	0.49	**0.35**	0.12	0.43	**0.72**	0.20	0.09
JC43HT	**0.76**	-1.10	0.37	**0.21**	-1.65	0.40	**0.28**	-1.99	0.00	**0.60**	-1.40	0.20
JYX9QG	**0.90**	0.43	0.71	**0.25**	-0.27	0.19	**0.34**	-0.28	0.42	**0.73**	0.35	0.51
JZRX9C	**1.12**	2.77	0.44	**0.30**	1.73	0.09	**0.42**	2.14	0.23	**0.91**	2.77X	0.17
KFYB4F	**0.89**	0.32	0.84	**0.26**	0.02	0.40	**0.35**	0.01	0.63	**0.72**	0.18	0.34
KMYV7B	**0.92**	0.65	0.58	**0.24**	-0.68	0.21	**0.34**	-0.34	0.23	**0.65**	-0.72	0.54

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Mg (SubTestCode 215) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
L78EEJ	**0.82**	-0.43	0.20	**0.25**	-0.14	1.13	**0.35**	-0.03	1.92	**0.68**	-0.34	1.06
LCWXX2	**0.75**	-1.14	0.52	**0.23**	-1.16	0.48	**0.31**	-1.23	0.26	**0.64**	-0.92	0.37
LRA7X6	**0.83**	-0.35	0.16	**0.25**	-0.42	0.38	**0.35**	-0.01	0.28	**0.72**	0.21	0.53
PKWW77	**0.84**	-0.24	1.27	**0.25**	-0.09	0.18	**0.35**	0.05	0.43	**0.72**	0.14	0.30
R2TT88	**0.95**	0.95	0.19	**0.27**	0.68	0.13	**0.37**	0.55	0.19	**0.77**	0.80	0.11
R6R7VW	**0.85**	-0.13	0.26	**0.25**	-0.21	0.40	**0.36**	0.32	0.89	**0.76**	0.66	0.17
TEVJP7	**0.79**	-0.75	0.55	**0.24**	-0.75	0.40	**0.31**	-1.04	0.96	**0.64**	-0.95	0.71
U8A62Q	**0.93**	0.78	0.37	**0.28**	1.04	0.40	**0.37**	0.49	0.73	**0.82**	1.49	3.08
UR2WJB	**0.86**	0.00	0.32	**0.27**	0.40	0.40	**0.35**	0.11	1.31	**0.66**	-0.63	1.22
WGDABY	**0.89**	0.36	0.45	**0.27**	0.56	0.32	**0.35**	-0.11	0.48	**0.77**	0.88	0.15
XFC7BF	**0.83**	-0.31	0.98	**0.26**	0.02	0.88	**0.33**	-0.44	0.56	**0.67**	-0.46	1.20
YRJQQE	**0.93**	0.77	0.25	**0.27**	0.41	0.43	**0.37**	0.53	0.38	**0.79**	1.10	0.45
Z6P4LK	**0.70**	-1.67	0.76	**0.19**	-2.67**X**	0.14	**0.29**	-1.76	0.91	**0.62**	-1.18	1.14
ZAH9C4	**0.97**	1.12	2.08	**0.29**	1.47	1.05	**0.40**	1.46	0.98	**0.79**	1.18	0.91

Mg (SubTestCode 215) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.86	0.26	0.35	0.71
Median Abs Dev	0.05	0.01	0.02	0.04
Avg Within Lab SD	0.03	0.01	0.02	0.03
Labs Included	39	39	40	39
Labs Reporting	40	40	40	40

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S (SubTestCode 216) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3UZ3DA	**0.28**	0.25	0.99	**0.14**	0.59	0.42	**0.23**	0.65	0.14	**0.22**	-0.23	0.23
4G8ZB8	**0.27**	-0.35	0.99	**0.12**	-0.35	0.00	**0.20**	-0.48	0.48	**0.23**	-0.11	0.52
632WAQ	**0.30**	0.73	0.27	**0.14**	0.82	0.05	**0.23**	0.69	0.14	**0.24**	0.23	0.14
667R8V	**0.27**	-0.24	0.00	**0.12**	-0.51	0.47	**0.21**	-0.17	0.48	**0.23**	0.13	0.52
67433X	**0.22**	-2.07	0.13	**0.08**	-2.43	0.31	**0.18**	-1.11	0.13	**0.22**	-0.50	0.09
7VEVHY	**0.30**	0.88	0.99	**0.12**	-0.19	0.47	**0.21**	0.04	1.28	**0.27**	1.48	0.90
AV7VBU	**0.28**	0.17	0.12	**0.13**	-0.11	0.23	**0.21**	-0.02	1.24	**0.22**	-0.45	0.19
AW39XM	**0.30**	0.62	0.13	**0.15**	0.93	0.13	**0.24**	0.86	0.05	**0.23**	0.13	0.19
BWWDRL	**0.26**	-0.64	0.13	**0.11**	-0.93	0.27	**0.18**	-1.00	0.17	**0.19**	-1.52	0.24
BWY4VJ	**0.27**	-0.39	1.17	**0.12**	-0.41	0.55	**0.18**	-1.03	1.90	**0.22**	-0.50	1.14
BZXGJ9	**0.24**	-1.24	2.28	**0.13**	-0.03	2.06	**0.18**	-1.00	0.84	**0.20**	-1.09	1.80
C94NU3	**0.28**	0.01	0.45	**0.12**	-0.18	0.41	**0.21**	-0.07	0.17	**0.24**	0.21	0.26
DNU9NV	**0.42**	4.94X	4.94	**0.18**	2.35	1.72	**0.31**	3.07X	2.63	**0.30**	2.45	1.75
EDR62D	**0.30**	0.78	0.96	**0.13**	0.06	0.75	**0.21**	0.02	1.41	**0.23**	0.02	1.23
EL427J	**0.28**	0.21	0.50	**0.13**	-0.03	0.47	**0.22**	0.25	0.84	**0.23**	-0.11	0.52
FJX2KD	**0.29**	0.49	1.31	**0.12**	-0.16	2.84	**0.21**	-0.04	3.25	**0.23**	-0.01	1.05
GLXQ3C	**0.24**	-1.13	0.50	**0.11**	-0.83	0.00	**0.19**	-0.69	0.00	**0.20**	-1.09	0.00
HAKLTV	**0.19**	-2.92	2.58	**0.19**	2.84X	1.25	**0.20**	-0.27	2.94	**0.25**	0.75	2.70
HLQYM2	**0.31**	1.00	0.99	**0.14**	0.61	0.82	**0.24**	0.77	0.48	**0.27**	1.60	1.04
J4NJZF	**0.28**	-0.01	1.31	**0.11**	-0.83	0.00	**0.20**	-0.48	0.48	**0.23**	0.01	0.90
JBLB7N	**0.28**	0.26	0.41	**0.15**	1.08	0.08	**0.24**	1.02	0.43	**0.23**	0.09	1.06
JC43HT	**0.30**	0.88	0.50	**0.14**	0.61	0.00	**0.24**	0.87	0.00	**0.24**	0.38	0.00
JYX9QG	**0.26**	-0.52	0.63	**0.13**	0.17	0.09	**0.22**	0.38	0.45	**0.21**	-0.56	0.33
JZRX9C	**0.25**	-0.80	0.54	**0.14**	0.48	0.06	**0.24**	0.76	0.27	**0.15**	-2.77X	0.07
KFYB4F	**0.26**	-0.57	0.00	**0.11**	-0.83	0.00	**0.19**	-0.59	0.48	**0.20**	-1.21	0.52
KMYV7B	**0.30**	0.84	0.38	**0.15**	1.19	0.48	**0.29**	2.31	1.20	**0.28**	1.99	0.84

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S (SubTestCode 216) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
L78EEJ	**0.27**	-0.08	0.63	**0.13**	-0.10	0.56	**0.21**	-0.14	0.68	**0.22**	-0.42	1.14
LRA7X6	**0.28**	0.04	0.38	**0.15**	1.25	0.24	**0.25**	1.26	0.20	**0.22**	-0.45	0.66
PKWW77	**0.29**	0.40	0.86	**0.15**	0.91	0.13	**0.26**	1.48	0.19	**0.24**	0.42	0.31
R2TT88	**0.31**	1.08	0.12	**0.13**	0.30	0.15	**0.22**	0.39	0.18	**0.24**	0.44	0.13
TEVJP7	**0.26**	-0.68	1.31	**0.12**	-0.51	0.47	**0.19**	-0.69	0.84	**0.20**	-1.09	0.90
U8A62Q	**0.27**	-0.35	0.99	**0.12**	-0.51	0.47	**0.20**	-0.38	0.00	**0.25**	0.62	2.74
UR2WJB	**0.27**	-0.12	0.50	**0.15**	0.93	3.78	**0.20**	-0.48	0.48	**0.21**	-0.84	0.52
WGDABY	**0.29**	0.51	0.66	**0.13**	0.03	0.38	**0.24**	0.84	0.55	**0.24**	0.37	0.29
XFC7BF	**0.27**	-0.15	0.20	**0.13**	0.19	0.47	**0.22**	0.18	0.17	**0.23**	-0.11	0.75
Z6P4LK	**0.25**	-0.88	0.93	**0.10**	-1.37	0.25	**0.19**	-0.74	0.78	**0.21**	-0.75	1.01
ZAH9C4	**0.34**	1.98	2.61	**0.16**	1.49	1.47	**0.28**	2.13	1.01	**0.28**	1.90	0.63

S (SubTestCode 216) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.28	0.13	0.21	0.23
Median Abs Dev	0.02	0.01	0.02	0.01
Avg Within Lab SD	0.01	0.01	0.01	0.01
Labs Included	36	36	36	36
Labs Reporting	37	37	37	37

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Na (SubTestCode 217) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3UZ3DA	**0.001**	-0.679	0.154	**0.018**	-0.155	0.019	**0.014**	-0.247	0.000	**0.092**	0.099	0.604
632WAQ	**0.002**	-0.550	0.000	**0.023**	0.233	0.021	**0.019**	0.599	0.222	**0.109**	1.635	0.369
7VEVHY	**0.010**	0.725	0.000	**0.020**	0.029	0.000	**0.017**	0.247	2.130	**0.087**	-0.389	1.319
AW39XM				**0.018**	-0.155	0.019	**0.014**	-0.247	0.000	**0.086**	-0.450	0.000
BWWDRL	**0.007**	0.169	0.218	**0.020**	0.053	0.053	**0.020**	0.839	0.244	**0.083**	-0.695	0.098
BWY4VJ	**0.003**	-0.475	0.063	**0.021**	0.101	0.110	**0.014**	-0.158	0.572	**0.088**	-0.266	0.098
BZXGJ9	**0.010**	0.725	0.000	**0.020**	0.029	0.000	**0.010**	-0.987	0.000	**0.080**	-0.999	2.284
C94NU3	**0.019**	2.213	0.261	**0.043**	1.876	0.035	**0.031**	2.838	0.241	**0.102**	1.045	0.335
DNU9NV	**0.020**	2.292	4.438	**0.024**	0.353	0.135	**0.021**	0.987	3.005	**0.097**	0.526	2.638
EDR62D	**0.006**	0.000	0.233	**0.023**	0.277	0.077	**0.020**	0.885	1.174	**0.092**	0.060	0.632
EL427J	**0.010**	0.725	0.000	**0.020**	0.029	0.000	**0.017**	0.247	2.130	**0.090**	-0.084	0.000
FJX2KD	**0.001**	-0.733	0.000	**0.019**	-0.050	0.147	**0.016**	0.123	0.738	**0.101**	0.893	2.123
HLQYM2	**0.001**	-0.684	0.000	**0.018**	-0.103	0.019	**0.015**	-0.123	0.213	**0.086**	-0.481	0.349
J4NJZF	**0.010**	0.725	0.000	**0.030**	0.818	0.000	**0.030**	2.715	0.000	**0.110**	1.747	0.000
JC43HT	**0.001**	-0.733	0.000	**0.012**	-0.602	0.000	**0.009**	-1.234	0.213	**0.084**	-0.664	0.476
JYX9QG	**0.000**	-0.854	0.003	**0.011**	-0.642	0.010	**0.011**	-0.829	0.084	**0.004**	-7.997X	0.828
JZRX9C	**0.011**	0.885	0.025	**0.028**	0.663	0.010	**0.036**	3.881X	0.360	**0.102**	0.988	0.095
L78EEJ	**0.007**	0.191	0.254	**0.097**	6.106	4.078	**0.022**	1.185	0.739	**0.092**	0.105	0.592
LCWXX2	**0.004**	-0.226	0.114	**0.011**	-0.689	0.084	**0.009**	-1.149	0.178	**0.045**	-4.237	0.785
PKWW77	**0.004**	-0.247	0.267	**0.020**	0.000	0.019	**0.017**	0.247	0.213	**0.091**	0.008	0.000
R2TT88	**0.002**	-0.509	0.421	**0.021**	0.143	0.063	**0.015**	-0.041	0.112	**0.091**	0.000	0.010
R6R7VW				**0.017**	-0.234	0.019	**0.014**	-0.185	0.213	**0.089**	-0.206	0.132
TEVJP7	**0.005**	-0.054	0.453	**0.149**	10.218X	3.755	**0.018**	0.500	0.796	**0.081**	-0.893	1.038
U8A62Q				**0.018**	-0.103	0.019	**0.014**	-0.185	0.213	**0.095**	0.374	2.203
UR2WJB	**0.010**	0.725	0.000	**0.080**	4.764	3.495	**0.020**	0.864	0.000	**0.090**	-0.084	0.000
WGDABY	**0.002**	-0.625	0.154	**0.019**	-0.024	0.019	**0.015**	0.000	0.213	**0.100**	0.801	0.132

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Na (SubTestCode 217) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
XFC7BF	**0.007**	0.304	0.324	**0.017**	-0.171	0.162	**0.018**	0.444	0.364	**0.088**	-0.279	0.706
YRJQQE				**0.018**	-0.168	0.007	**0.015**	-0.123	0.077	**0.094**	0.304	0.649
Z6P4LK				**0.014**	-0.445	0.000	**0.014**	-0.185	0.564	**0.080**	-0.999	0.000
ZAH9C4	**0.011**	0.814	2.108	**0.013**	-0.546	0.223	**0.009**	-1.145	2.554	**0.094**	0.248	1.155

Na (SubTestCode 217) in the Wet Digestion Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.006	0.020	0.015	0.09
Median Abs Dev	0.004	0.002	0.002	0.00
Avg Within Lab SD	0.004	0.030	0.003	0.00
Labs Included	25	29	29	29
Labs Reporting	25	30	30	30

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Al (SubTestCode 218) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
7VEVHY	**144.4**	-0.1	0.8	**340.2**	-0.5	0.6	**73.7**	0.2	1.2	**119.7**	0.5	1.1
AW39XM	**214.9**	0.9	0.1	**555.6**	1.0	0.0	**85.5**	0.7	0.6	**109.1**	0.2	0.2
BWWDRL	**144.8**	-0.1	0.1	**394.2**	-0.1	0.3	**59.3**	-0.4	0.5	**76.0**	-0.7	0.5
BZXGJ9	**88.3**	-1.0	0.4	**322.2**	-0.6	0.8	**27.6**	-1.7	0.5	**55.7**	-1.3	0.9
EDR62D	**141.4**	-0.2	0.4	**408.0**	0.0	0.5	**67.7**	0.0	1.4	**116.0**	0.4	0.8
EL427J	**78.0**	-1.1	0.4	**271.7**	-0.9	0.6	**59.0**	-0.4	1.9	**52.7**	-1.4	0.8
FJX2KD	**169.7**	0.3	0.7	**409.7**	0.0	1.2	**65.3**	-0.1	2.9	**102.4**	0.0	1.4
HLQYM2	**180.1**	0.4	0.1	**469.3**	0.4	0.2	**73.0**	0.2	0.3	**101.2**	0.0	0.2
J4NJZF	**82.3**	-1.1	0.2	**249.3**	-1.1	0.2	**27.7**	-1.7	0.3	**49.0**	-1.5	0.3
JC43HT	**160.3**	0.1	0.1	**565.0**	1.0	0.3	**74.3**	0.3	0.7	**72.7**	-0.8	0.6
JYX9QG	**167.9**	0.2	0.3	**453.4**	0.3	0.2	**68.9**	0.0	0.7	**121.8**	0.6	0.3
JZRX9C	**198.3**	0.7	0.4	**626.8**	1.4	0.7	**80.1**	0.5	0.3	**139.9**	1.1	0.9
PKWW77	**133.6**	-0.3	0.1	**356.5**	-0.4	0.1	**59.5**	-0.4	0.4	**82.5**	-0.5	0.3
R2TT88	**144.1**	-0.1	0.2	**410.1**	0.0	0.3	**59.3**	-0.4	0.2	**88.6**	-0.4	0.5
R6R7VW	**129.0**	-0.4	0.1	**380.3**	-0.2	0.2	**58.7**	-0.4	0.5	**91.3**	-0.3	0.2
TEVJP7	**231.3**	1.2	0.5	**602.2**	1.3	0.0	**100.5**	1.4	0.8	**130.5**	0.8	1.3
U8A62Q	**177.3**	0.4	0.1	**476.3**	0.4	0.3	**69.2**	0.0	0.6	**107.0**	0.1	1.2
UR2WJB	**92.0**	-0.9	0.2	**238.3**	-1.1	0.2	**46.7**	-0.9	0.7	**48.7**	-1.5	0.4
WGDABY	**252.3**	1.5	0.3	**671.0**	1.7	0.2	**95.7**	1.2	0.4	**127.3**	0.7	0.5
YRJQQE	**191.7**	0.6	0.3	**538.7**	0.8	0.1	**86.5**	0.8	0.2	**121.0**	0.5	0.5
Z6P4LK	**85.2**	-1.0	0.5	**271.7**	-0.9	0.2	**48.3**	-0.9	0.5	**75.3**	-0.7	0.5
ZAH9C4	**296.6**	2.2	4.4	**521.8**	0.7	4.2	**117.5**	2.1	1.4	**135.3**	0.9	3.3

Al (SubTestCode 218) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	152.5	409.9	68.3	101.8
Median Abs Dev	33.3	99.8	9.5	22.8
Avg Within Lab SD	27.1	64.4	5.0	8.8
Labs Included	22	22	22	22
Labs Reporting	22	22	22	22

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B (SubTestCode 219) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**49.2**	0.6	1.0	**138.3**	-0.3	0.8	**58.4**	-0.4	1.3	**29.1**	-0.1	1.2
3UZ3DA	**52.3**	1.2	0.6	**158.0**	0.8	0.5	**65.8**	0.8	0.3	**29.9**	0.1	0.2
632WAQ	**47.9**	0.3	0.5	**157.0**	0.8	0.3	**63.1**	0.4	0.6	**31.1**	0.4	0.3
667R8V	**43.9**	-0.5	0.1	**136.0**	-0.5	0.1	**60.2**	-0.1	0.1	**32.0**	0.6	0.4
67433X	**44.4**	-0.4	0.0	**138.7**	-0.3	0.0	**64.4**	0.6	0.0	**30.8**	0.3	0.1
7VEVHY	**48.5**	0.4	0.7	**139.9**	-0.2	0.7	**63.4**	0.4	1.1	**34.7**	1.2	0.4
AV7VBU	**45.5**	-0.2	4.6	**157.5**	0.8	4.6	**56.1**	-0.8	4.5	**26.1**	-0.8	4.1
AW39XM	**45.0**	-0.3	0.1	**143.7**	0.0	0.1	**57.4**	-0.6	0.1	**26.1**	-0.8	0.1
BWWDRL	**41.7**	-0.9	0.1	**121.3**	-1.3	0.1	**50.8**	-1.7	0.1	**24.4**	-1.2	0.0
BZXGJ9	**41.1**	-1.0	0.9	**162.6**	1.1	1.6	**56.7**	-0.7	1.0	**25.3**	-0.9	0.6
C94NU3	**48.1**	0.3	0.4	**133.9**	-0.6	0.1	**62.2**	0.2	0.3	**34.0**	1.0	0.5
DNU9NV	**59.4**	2.6	2.0	**178.2**	2.0	0.5	**79.1**	3.1X	1.2	**37.0**	1.8	0.8
EDR62D	**54.8**	1.7	1.4	**167.8**	1.4	1.1	**69.4**	1.4	2.0	**32.6**	0.7	0.6
EL427J	**52.0**	1.1	0.5	**166.7**	1.4	0.5	**67.0**	1.0	0.3	**30.0**	0.1	0.4
FJX2KD	**52.9**	1.3	0.2	**131.4**	-0.7	2.2	**63.8**	0.5	1.4	**34.3**	1.1	0.3
GLXQ3C	**47.0**	0.1	0.5	**141.0**	-0.2	0.2	**61.1**	0.1	0.5	**32.7**	0.8	2.9
HLQYM2	**44.4**	-0.4	0.1	**140.8**	-0.2	0.4	**57.4**	-0.6	0.2	**24.7**	-1.1	0.1
J4NJZF	**33.0**	-2.7X	0.5	**95.0**	-2.9X	0.3	**39.7**	-3.5X	0.1	**18.7**	-2.5X	0.2
JBLB7N	**41.0**	-1.1	0.0	**119.9**	-1.4	0.2	**52.8**	-1.3	0.0	**22.5**	-1.6	0.4
JC43HT	**42.3**	-0.8	0.2	**132.3**	-0.7	0.2	**53.3**	-1.2	0.1	**25.0**	-1.0	
JYX9QG	**45.0**	-0.3	0.3	**147.0**	0.2	0.1	**60.5**	-0.1	0.1	**27.5**	-0.4	0.3
JZRX9C	**46.3**	0.0	0.1	**141.8**	-0.1	0.0	**58.3**	-0.4	0.1	**27.2**	-0.5	0.0
KFYB4F	**42.6**	-0.8	1.1	**147.0**	0.2	0.6	**55.6**	-0.9	0.3	**20.8**	-2.0	0.5
KMYV7B	**44.3**	-0.4	0.2	**142.5**	-0.1	0.6	**60.2**	-0.1	0.2	**27.5**	-0.4	0.3
L78EEJ	**50.5**	0.8	0.6	**160.8**	1.0	0.5	**65.3**	0.8	0.8	**30.5**	0.2	0.6
LRA7X6	**52.2**	1.2	0.1	**164.3**	1.2	0.1	**67.4**	1.1	0.5	**33.6**	1.0	0.3

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B (SubTestCode 219) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
PKWW77	**44.7**	-0.3	0.3	**135.6**	-0.5	0.1	**60.3**	-0.1	0.4	**28.0**	-0.3	0.2
R2TT88	**50.9**	0.9	0.1	**156.5**	0.8	0.0	**66.3**	0.9	0.1	**31.1**	0.4	0.3
TEVJP7	**44.8**	-0.3	0.9	**175.9**	1.9	0.1	**71.2**	1.8	0.4	**29.4**	0.0	0.4
U8A62Q	**44.7**	-0.3	0.2	**148.0**	0.3	0.1	**58.5**	-0.4	0.3	**28.4**	-0.2	1.1
UR2WJB	**45.0**	-0.3	0.5	**127.0**	-1.0	0.1	**58.3**	-0.4	0.3	**28.0**	-0.3	0.4
WGDABY	**40.7**	-1.1	0.6	**141.3**	-0.1	0.6	**66.7**	1.0	0.4	**28.7**	-0.2	0.5
XFC7BF	**48.4**	0.4	0.7	**157.7**	0.8	0.2	**63.1**	0.4	0.2	**29.4**	0.0	0.7
YRJQQE	**49.6**	0.6	0.2	**155.0**	0.7	0.2	**66.7**	1.0	0.2	**32.6**	0.7	0.5
Z6P4LK	**48.7**	0.5	0.4	**142.3**	-0.1	0.9	**58.9**	-0.3	0.8	**33.0**	0.8	0.3
ZAH9C4	**47.2**	0.2	0.7	**145.4**	0.1	0.5	**63.7**	0.5	0.4	**31.2**	0.4	1.0

B (SubTestCode 219) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	46.3	143.7	60.8	29.4
Median Abs Dev	2.4	11.3	3.4	2.6
Avg Within Lab SD	3.7	13.2	4.0	2.8
Labs Included	35	35	34	35
Labs Reporting	36	36	36	36

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Zn (SubTestCode 220) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**45.3**	-0.7	0.4	**7.6**	-1.5	0.6	**46.4**	-1.1	1.0	**27.5**	-2.0	1.5
3UZ3DA	**53.5**	0.5	2.1	**11.4**	0.3	0.6	**57.1**	0.3	0.4	**37.3**	-0.1	0.7
632WAQ	**61.3**	1.5	1.2	**11.2**	0.2	0.4	**65.0**	1.3	0.2	**42.5**	0.9	0.5
667R8V	**48.1**	-0.3	0.1	**11.8**	0.5	0.9	**54.7**	0.0	0.2	**41.6**	0.7	1.0
67433X	**39.0**	-1.5	0.0	**7.5**	-1.6	0.0	**45.1**	-1.3	0.0	**33.2**	-0.9	0.0
7VEVHY	**44.5**	-0.8	1.2	**11.5**	0.3	2.2	**55.1**	0.0	1.8	**42.3**	0.9	1.1
AV7VBU	**50.2**	0.0	0.0	**14.1**	1.5	2.6	**56.7**	0.2	1.7	**35.9**	-0.4	1.2
AW39XM	**52.2**	0.3	0.2	**10.8**	0.0	0.1	**58.2**	0.4	0.1	**38.7**	0.2	0.2
BWWDRL	**48.3**	-0.3	0.5	**11.0**	0.1	0.2	**45.8**	-1.2	0.3	**34.5**	-0.7	0.8
BZXGJ9	**35.3**	-2.0	1.8	**9.0**	-0.9	1.3	**39.3**	-2.1	0.7	**24.9**	-2.5	1.1
C94NU3	**47.7**	-0.3	0.4	**9.3**	-0.7	0.5	**51.7**	-0.4	0.3	**38.3**	0.1	0.4
DNU9NV	**74.2**	3.3	2.1	**15.2**	2.1	0.2	**81.0**	3.4	2.9	**59.3**	4.2	1.5
EDR62D	**56.5**	0.9	2.5	**12.4**	0.7	3.3	**60.3**	0.7	2.8	**40.8**	0.6	1.9
EL427J	**52.3**	0.3	0.3	**10.7**	-0.1	0.5	**59.0**	0.5	0.6	**38.3**	0.1	0.9
FJX2KD	**60.2**	1.4	2.0	**6.9**	-1.8	0.5	**67.7**	1.6	1.5	**41.5**	0.7	1.8
GLXQ3C	**49.3**	-0.1	0.7	**10.5**	-0.2	0.3	**54.7**	0.0	0.5	**37.8**	0.0	0.4
HAKLTV	**50.4**	0.0	1.5	**12.0**	0.6	0.8	**55.7**	0.1	1.1	**36.7**	-0.2	2.2
HLQYM2	**50.2**	0.0	0.2	**10.5**	-0.1	0.2	**55.8**	0.1	0.3	**38.3**	0.1	0.6
J4NJZF	**57.0**	0.9		**11.0**	0.1	0.8	**56.7**	0.2	0.5	**38.3**	0.1	0.7
JBLB7N	**51.7**	0.2	0.2	**11.6**	0.4	0.5	**55.3**	0.0	0.2	**34.8**	-0.6	0.6
JC43HT	**45.7**	-0.6	0.6	**9.0**	-0.9		**49.3**	-0.8	0.2	**33.3**	-0.9	0.4
JYX9QG	**50.2**	0.0	0.5	**8.4**	-1.2	0.1	**54.5**	-0.1	0.4	**35.4**	-0.5	0.6
JZRX9C	**46.2**	-0.6	0.1	**10.2**	-0.3	0.0	**46.5**	-1.1	0.3	**33.6**	-0.8	0.2
KFYB4F	**49.8**	-0.1	0.7	**11.9**	0.5	1.6	**54.7**	-0.1	0.4	**35.1**	-0.5	0.8
KMYV7B	**45.1**	-0.7	0.6	**12.5**	0.8	0.1	**47.4**	-1.0	0.7	**36.4**	-0.3	0.2
L78EEJ	**52.3**	0.3	0.8	**11.3**	0.2	0.9	**55.0**	0.0	0.4	**37.4**	-0.1	0.8

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Zn (SubTestCode 220) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
LCWXX2	**51.6**	0.2	0.6	**13.9**	1.5	1.1	**57.0**	0.3	0.2	**40.1**	0.5	0.3
LRA7X6	**45.3**	-0.7	0.0	**9.3**	-0.7	0.2	**52.7**	-0.3	0.6	**41.8**	0.8	1.0
PKWW77	**51.6**	0.2	0.8	**10.4**	-0.2	0.5	**57.9**	0.4	0.4	**37.9**	0.0	0.3
R2TT88	**56.8**	0.9	0.2	**11.0**	0.1	0.4	**62.1**	0.9	0.2	**40.2**	0.5	0.2
R6R7VW	**45.3**	-0.7	0.6	**10.0**	-0.4		**53.3**	-0.2	0.7	**35.7**	-0.4	0.4
TEVJP7	**52.1**	0.3	1.4	**10.6**	-0.1	0.6	**59.0**	0.5	1.2	**35.8**	-0.4	1.3
U8A62Q	**50.0**	0.0	0.5	**10.4**	-0.2	0.2	**54.1**	-0.1	0.2	**38.3**	0.1	2.3
UR2WJB	**52.7**	0.3	0.3	**13.3**	1.2	0.9	**56.0**	0.1	0.3	**38.3**	0.1	1.3
WGDABY	**61.5**	1.6	0.6	**12.5**	0.8	0.4	**72.0**	2.2	0.8	**45.5**	1.5	0.9
XFC7BF	**49.6**	-0.1	0.5	**10.1**	-0.3	1.3	**53.8**	-0.2	0.5	**35.8**	-0.4	0.7
YRJQQE	**47.1**	-0.4	0.2	**9.7**	-0.5	0.0	**53.6**	-0.2	0.3	**35.1**	-0.5	0.2
Z6P4LK	**35.4**	-2.0	0.5	**7.8**	-1.4	0.1	**44.4**	-1.4	2.4	**31.5**	-1.2	0.5
ZAH9C4	**61.4**	1.5	1.4	**14.1**	1.6	0.8	**66.4**	1.5	0.2	**42.1**	0.8	0.9

Zn (SubTestCode 220) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	50.2	10.8	55.1	37.8
Median Abs Dev	3.1	1.1	2.8	2.4
Avg Within Lab SD	2.0	1.2	3.1	1.6
Labs Included	39	39	39	39
Labs Reporting	39	39	39	39

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Mn (SubTestCode 221) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**141.5**	-0.6	0.7	**83.9**	-1.1	0.9	**25.4**	0.0	1.2	**65.1**	-0.4	1.3
3UZ3DA	**160.3**	0.4	0.8	**104.3**	0.4	0.6	**25.5**	0.0	0.2	**68.4**	0.0	0.4
632WAQ	**163.9**	0.6	0.2	**112.0**	0.9	0.2	**27.2**	0.5	0.2	**72.6**	0.5	0.1
667R8V	**147.7**	-0.3	0.2	**97.2**	-0.2	0.4	**24.7**	-0.2	0.2	**67.1**	-0.2	0.3
67433X	**145.1**	-0.4	0.0	**93.3**	-0.4	0.1	**25.8**	0.1	0.1	**73.3**	0.6	0.0
7VEVHY	**125.8**	-1.4	1.9	**84.4**	-1.1	0.2	**22.7**	-0.7	1.2	**68.0**	0.0	1.0
AV7VBU	**152.7**	0.0	0.7	**95.3**	-0.3	0.2	**18.9**	-1.7	1.0	**59.7**	-1.0	0.1
AW39XM	**152.7**	0.0	0.1	**98.8**	0.0	0.2	**25.9**	0.1	0.1	**69.2**	0.1	0.2
BWWDRL	**140.3**	-0.7	0.4	**92.6**	-0.5	0.2	**21.6**	-1.0	0.3	**57.9**	-1.2	0.2
BZXGJ9	**117.7**	-1.8	2.0	**96.9**	-0.2	2.5	**19.2**	-1.6	0.7	**50.8**	-2.1	1.1
C94NU3	**139.9**	-0.7	0.4	**89.1**	-0.8	0.2	**23.0**	-0.6	0.3	**64.2**	-0.5	0.6
DNU9NV	**204.5**	2.7	1.5	**132.4**	2.4	0.5	**29.4**	1.1	1.1	**79.6**	1.3	1.0
EDR62D	**173.6**	1.1	1.6	**115.6**	1.2	1.2	**27.6**	0.6	1.5	**74.1**	0.7	1.2
EL427J	**159.7**	0.4	0.1	**107.7**	0.6	0.3	**25.3**	0.0	1.8	**69.3**	0.1	0.7
FJX2KD	**149.8**	-0.2	3.5	**87.9**	-0.8	0.7	**16.7**	-2.3	4.1	**60.5**	-0.9	3.9
GLXQ3C	**155.7**	0.2	0.7	**100.8**	0.1	0.8	**25.4**	0.0	0.5	**70.3**	0.2	0.3
HAKLTV	**151.8**	0.0	0.6	**98.8**	0.0	1.5	**27.4**	0.5	0.8	**69.5**	0.1	0.6
HLQYM2	**164.6**	0.6	0.1	**111.1**	0.9	0.8	**28.1**	0.7	0.4	**79.6**	1.3	0.7
J4NJZF	**175.3**	1.2	1.7	**108.3**	0.7	1.5	**26.7**	0.4	1.2	**75.7**	0.9	1.1
JBLB7N	**147.5**	-0.3	0.5	**93.7**	-0.4	0.5	**24.6**	-0.2	0.1	**63.6**	-0.6	0.7
JC43HT	**131.3**	-1.1	0.4	**85.3**	-1.0	0.1	**21.0**	-1.1		**58.0**	-1.2	0.3
JYX9QG	**151.8**	0.0	0.5	**97.5**	-0.1	0.2	**24.4**	-0.2	0.3	**65.6**	-0.3	0.5
JZRX9C	**187.1**	1.8	0.1	**123.3**	1.8	0.3	**22.4**	-0.8	0.4	**63.8**	-0.5	0.2
KFYB4F	**150.0**	-0.1	0.7	**95.6**	-0.3	0.9	**16.9**	-2.2	1.7	**61.4**	-0.8	0.2
KMYV7B	**162.9**	0.5	0.3	**92.8**	-0.5	0.1	**23.3**	-0.5	0.7	**64.5**	-0.5	0.3
L78EEJ	**151.7**	0.0	0.1	**103.5**	0.3	0.9	**24.3**	-0.3	0.5	**68.3**	0.0	0.6

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Mn (SubTestCode 221) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
LCWXX2	**189.7**	2.0	0.1	**128.0**	2.1	0.1	**32.7**	1.9	0.3	**82.9**	1.7	0.4
LRA7X6	**143.8**	-0.5	0.7	**96.5**	-0.2	0.6	**21.1**	-1.1	0.3	**71.6**	0.4	0.7
PKWW77	**154.8**	0.1	1.2	**104.0**	0.3	0.3	**26.5**	0.3	0.5	**72.6**	0.5	0.1
R2TT88	**170.0**	0.9	0.1	**111.1**	0.9	0.1	**27.3**	0.5	0.3	**74.1**	0.7	0.1
R6R7VW	**156.7**	0.2	0.7	**99.3**	0.0	0.6	**25.3**	0.0	0.4	**73.7**	0.6	0.2
TEVJP7	**147.3**	-0.3	1.1	**99.4**	0.0	1.0	**24.8**	-0.1	0.7	**65.8**	-0.3	0.7
U8A62Q	**153.7**	0.1	0.4	**103.7**	0.3	0.4	**24.8**	-0.1	0.4	**74.9**	0.8	2.7
UR2WJB	**144.0**	-0.5	0.6	**106.0**	0.5	3.6	**26.0**	0.2	0.8	**64.3**	-0.5	0.4
WGDABY	**179.0**	1.4	0.2	**124.3**	1.8	0.1	**30.0**	1.2	0.2	**85.0**	1.9	0.2
XFC7BF	**142.0**	-0.6	0.9	**94.6**	-0.3	2.0	**20.2**	-1.4	0.2	**59.7**	-1.0	1.5
YRJQQE	**165.7**	0.7	0.2	**101.2**	0.1	0.3	**25.6**	0.1	0.2	**71.9**	0.4	0.3
Z6P4LK	**129.0**	-1.2	0.7	**77.3**	-1.6	0.4	**21.8**	-0.9	1.2	**62.1**	-0.7	1.1
ZAH9C4	**168.4**	0.8	1.6	**113.6**	1.0	1.4	**27.9**	0.7	0.3	**75.2**	0.8	0.7

Mn (SubTestCode 221) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	152.7	99.3	25.3	68.4
Median Abs Dev	10.2	6.5	2.0	4.8
Avg Within Lab SD	6.2	4.8	1.3	3.1
Labs Included	39	39	39	39
Labs Reporting	39	39	39	39

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**239.2**	-0.6	0.6	**369.2**	-1.5	0.7	**94.7**	0.0	1.2	**152.4**	0.2	1.8
3UZ3DA	**284.0**	0.5	0.5	**527.0**	0.4	0.7	**97.2**	0.2	0.5	**154.7**	0.3	0.6
632WAQ	**265.9**	0.0	0.2	**525.2**	0.4	0.1	**92.9**	-0.1	0.1	**133.7**	-0.5	0.3
667R8V	**269.3**	0.1	0.4	**510.7**	0.2	0.2	**93.3**	-0.1	0.5	**159.3**	0.5	0.3
67433X	**259.0**	-0.1	0.1	**490.3**	0.0	0.1	**100.2**	0.4	0.1	**181.2**	1.4	0.2
7VEVHY	**214.6**	-1.2	0.5	**392.8**	-1.2	0.8	**85.4**	-0.7	0.8	**144.8**	-0.1	0.9
AV7VBU	**265.7**	0.0	1.6	**532.5**	0.5	1.1	**90.4**	-0.3	0.3	**139.4**	-0.3	0.3
AW39XM	**273.5**	0.2	0.1	**523.8**	0.4	0.1	**95.6**	0.1	0.1	**152.8**	0.2	0.1
BWWDRL	**259.2**	-0.1	0.8	**481.1**	-0.1	0.5	**94.7**	0.0	0.8	**141.9**	-0.2	1.1
BZXGJ9	**188.5**	-1.8	1.4	**429.4**	-0.8	2.2	**66.3**	-2.3	0.6	**95.8**	-2.0	0.9
C94NU3	**263.8**	0.0	0.4	**443.7**	-0.6	0.1	**100.4**	0.5	0.3	**153.7**	0.3	0.8
DNU9NV	**401.5**	3.3	2.9	**741.3**	3.0	1.8	**145.2**	4.0X	2.6	**233.6**	3.4X	1.1
EDR62D	**289.0**	0.6	0.7	**507.6**	0.2	1.2	**101.4**	0.5	2.4	**147.2**	0.0	1.1
EL427J	**242.7**	-0.5	0.6	**355.0**	-1.7	1.2	**79.0**	-1.2	0.8	**95.3**	-2.1	1.0
FJX2KD	**246.5**	-0.4	1.6	**411.6**	-1.0	3.0	**74.9**	-1.6	2.2	**115.3**	-1.3	1.1
GLXQ3C	**264.3**	0.0	0.8	**503.0**	0.1	1.0	**98.1**	0.3	0.6	**154.3**	0.3	0.6
HAKLTV	**289.1**	0.6	1.5	**472.6**	-0.2	0.9	**115.5**	1.7	2.3	**163.4**	0.6	0.5
HLQYM2	**288.7**	0.6	0.4	**551.0**	0.7	0.8	**101.4**	0.5	0.4	**169.9**	0.9	0.4
J4NJZF	**308.0**	1.0	2.1	**427.0**	-0.8	0.8	**101.7**	0.6	1.6	**160.0**	0.5	1.1
JBLB7N	**264.5**	0.0	0.6	**437.3**	-0.7	0.5	**105.6**	0.9	0.9	**143.3**	-0.2	0.9
JC43HT	**246.0**	-0.5	0.2	**475.3**	-0.2	0.1	**82.3**	-1.0	0.3	**142.0**	-0.2	0.5
JYX9QG	**267.7**	0.1	0.5	**512.0**	0.2	0.4	**91.7**	-0.2	0.3	**146.9**	0.0	0.5
JZRX9C	**210.6**	-1.3	0.4	**490.1**	0.0	0.3	**83.6**	-0.9	0.7	**144.4**	-0.1	0.3
KFYB4F	**270.3**	0.1	0.8	**506.7**	0.2	1.1	**98.4**	0.3	2.0	**132.7**	-0.6	1.6
KMYV7B	**318.0**	1.3	1.0	**538.7**	0.6	0.6	**106.1**	0.9	0.7	**164.9**	0.7	0.2
L78EEJ	**211.7**	-1.3	0.2	**480.7**	-0.1	1.2	**48.2**	-3.7X	2.7	**120.4**	-1.1	1.0

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
LCWXX2	**374.7**	2.6	1.6	**660.8**	2.0	2.0	**141.8**	3.7X	3.8	**216.6**	2.8	2.6
LRA7X6	**247.5**	-0.4	0.2	**510.1**	0.2	0.7	**87.3**	-0.6	0.4	**138.5**	-0.3	0.3
PKWW77	**266.0**	0.0	1.2	**474.4**	-0.2	0.3	**97.2**	0.2	0.3	**147.0**	0.0	0.1
R2TT88	**294.9**	0.7	1.8	**494.3**	0.0	0.2	**91.0**	-0.3	0.4	**149.4**	0.1	0.9
R6R7VW	**245.7**	-0.5	0.3	**470.3**	-0.3	0.8	**85.7**	-0.7	0.5	**146.3**	0.0	0.2
TEVJP7	**286.5**	0.5	0.6	**552.6**	0.7	1.3	**108.1**	1.1	0.4	**167.5**	0.8	1.0
U8A62Q	**263.5**	0.0	0.1	**503.3**	0.1	0.2	**89.8**	-0.4	0.1	**148.0**	0.0	2.6
UR2WJB	**225.7**	-0.9	0.9	**345.3**	-1.8	0.4	**97.7**	0.2	0.7	**105.0**	-1.7	0.1
WGDABY	**331.0**	1.6	0.1	**650.0**	1.9	0.3	**116.3**	1.7	0.9	**203.7**	2.2	0.3
XFC7BF	**258.7**	-0.2	0.6	**473.7**	-0.2	0.8	**82.9**	-0.9	1.7	**129.0**	-0.7	0.9
YRJQQE	**268.3**	0.1	0.4	**513.0**	0.3	0.3	**94.3**	0.0	0.3	**149.3**	0.1	0.5
Z6P4LK	**187.0**	-1.9	0.7	**322.7**	-2.0	0.6	**77.3**	-1.4	1.0	**120.0**	-1.1	1.2
ZAH9C4	**419.7**	3.7X	8.3	**765.2**	3.3X	11.2	**112.9**	1.5	0.6	**179.6**	1.3	1.6

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	265.1	492.3	94.7	147.1
Median Abs Dev	19.3	32.2	6.7	10.4
Avg Within Lab SD	15.1	25.6	4.4	6.8
Labs Included	38	38	36	38
Labs Reporting	39	39	39	39

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Cu (SubTestCode 223) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3GRCDM	**12.52**	-0.89	0.50	**2.61**	-0.16	0.09	**22.68**	-1.02	1.04	**8.42**	-0.25	0.10
3UZ3DA	**24.50**	4.09X	1.51	**6.32**	3.53X	0.40	**27.53**	0.55	0.10	**16.70**	4.95X	0.26
632WAQ	**17.84**	1.32	0.53	**3.75**	0.97	0.07	**26.95**	0.36	0.34	**8.98**	0.10	0.29
667R8V	**13.83**	-0.35	0.70	**2.50**	-0.28		**24.17**	-0.54	0.25	**8.67**	-0.10	0.25
67433X	**18.55**	1.61	0.31	**3.65**	0.87	0.08	**36.03**	3.31X	0.06	**13.61**	3.01	0.01
7VEVHY	**14.67**	0.00	2.08	**2.70**	-0.08	0.55	**26.17**	0.11	0.62	**11.73**	1.83	0.96
AV7VBU	**15.07**	0.17	0.19	**2.37**	-0.41	0.24	**26.10**	0.09	0.84	**8.43**	-0.25	0.72
AW39XM	**15.48**	0.34	0.19	**2.31**	-0.46	0.31	**27.63**	0.58	0.07	**8.66**	-0.10	0.05
BWWDRL	**14.35**	-0.13	0.15	**3.46**	0.68	0.25	**23.58**	-0.73	0.36	**8.63**	-0.12	0.21
BZXGJ9	**13.58**	-0.45	2.02	**2.54**	-0.24	1.22	**25.02**	-0.26	1.34	**7.98**	-0.53	0.91
C94NU3	**11.17**	-1.45	0.18	**1.93**	-0.84	0.32	**21.83**	-1.30	0.20	**6.80**	-1.27	0.00
DNU9NV	**17.52**	1.19	0.46	**3.61**	0.84	0.48	**29.04**	1.04	0.73	**9.51**	0.43	0.36
EDR62D	**17.15**	1.03	1.17	**3.51**	0.74	0.50	**28.15**	0.75	1.62	**9.28**	0.29	0.45
EL427J	**15.00**	0.14	1.21	**3.00**	0.22	2.09	**27.33**	0.49	0.50	**9.00**	0.11	0.87
FJX2KD	**8.46**	-2.58	1.56	**4.79**	2.00	0.38	**22.13**	-1.20	2.47	**2.73**	-3.82X	0.67
GLXQ3C	**15.30**	0.26	0.73	**3.92**	1.14	0.92	**25.90**	0.02	0.76	**10.03**	0.76	0.65
HAKLTV	**13.38**	-0.53	0.65	**2.37**	-0.41	0.59	**22.93**	-0.94	0.15	**7.86**	-0.60	0.38
HLQYM2	**14.60**	-0.03	0.28	**2.84**	0.07	0.21	**25.68**	-0.05	0.24	**9.70**	0.55	1.56
J4NJZF	**16.67**	0.83	0.70	**3.67**	0.89	1.21	**26.33**	0.16	0.50	**10.33**	0.95	1.33
JBLB7N	**15.54**	0.36	0.20	**3.79**	1.01	0.51	**26.62**	0.26	0.88	**9.40**	0.36	0.46
JC43HT	**13.33**	-0.55	0.70	**2.33**	-0.44	1.21	**23.00**	-0.92		**8.00**	-0.51	
JYX9QG	**18.05**	1.40	0.79	**1.76**	-1.01	0.16	**33.71**	2.56	0.47	**11.04**	1.40	0.44
JZRX9C	**14.27**	-0.16	0.07	**2.68**	-0.10	0.06	**25.31**	-0.17	0.02	**7.87**	-0.60	0.22
KFYB4F	**15.50**	0.35	0.64	**2.82**	0.04	0.72	**26.67**	0.27	1.26	**8.80**	-0.01	0.85
KMYV7B	**11.37**	-1.37	0.47	**4.44**	1.66	0.05	**19.36**	-2.10	0.94	**6.92**	-1.19	0.22
LCWXX2	**14.87**	0.09	1.05	**4.64**	1.86	0.14	**25.33**	-0.17	0.36	**9.29**	0.29	0.34

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Cu (SubTestCode 223) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
LRA7X6	**12.92**	-0.73	0.27	**2.54**	-0.24	0.40	**29.08**	1.06	1.07	**9.92**	0.69	0.23
PKWW77	**13.71**	-0.40	1.22	**2.44**	-0.34	0.16	**24.77**	-0.34	0.53	**8.36**	-0.29	0.23
R2TT88	**15.76**	0.46	0.31	**3.06**	0.29	0.48	**27.83**	0.65	0.37	**11.75**	1.84	4.55
R6R7VW	**14.67**	0.00	2.76	**2.57**	-0.21	0.12	**24.33**	-0.49	0.88	**8.37**	-0.28	0.27
TEVJP7	**14.16**	-0.21	0.92	**3.32**	0.54	0.57	**25.83**	0.00	1.93	**8.84**	0.01	0.91
U8A62Q	**14.43**	-0.10	0.18	**2.78**	0.00	0.16	**24.77**	-0.35	0.22	**8.75**	-0.04	0.74
UR2WJB	**19.33**	1.94	0.70	**5.00**	2.22		**26.67**	0.27	0.50	**10.00**	0.74	
WGDABY	**15.77**	0.46	0.07	**2.27**	-0.51	0.43	**29.00**	1.03	0.96	**11.20**	1.49	0.74
XFC7BF	**12.43**	-0.93	1.67	**1.74**	-1.04	0.81	**24.37**	-0.48	0.48	**7.61**	-0.76	0.83
YRJQQE	**15.00**	0.14	1.47	**2.60**	-0.17	0.07	**24.47**	-0.44	0.28	**8.15**	-0.42	0.21
Z6P4LK	**12.53**	-0.89	0.37	**2.07**	-0.70	0.09	**21.10**	-1.54	3.06	**7.13**	-1.06	0.27
ZAH9C4	**17.34**	1.11	1.31	**4.09**	1.31	4.61	**30.89**	1.65	0.81	**10.47**	1.03	0.85

Cu (SubTestCode 223) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	14.7	2.78	25.8	8.82
Median Abs Dev	1.1	0.51	1.5	0.83
Avg Within Lab SD	0.8	0.48	1.1	1.15
Labs Included	37	37	37	36
Labs Reporting	38	38	38	38

Mo (SubTestCode 224) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM	**2.19**	0.06	0.93									
BWWDRL	**2.01**	-0.42	0.22	**0.22**	1.02	0.11	**0.24**	-0.44	0.47	**0.48**	0.88	0.18
BZXGJ9	**1.73**	-1.19	1.90				**0.12**	-1.43		**0.42**	0.36	2.37
DNU9NV	**3.26**	2.94	2.76	**0.34**	2.04	0.30	**0.57**	2.37	1.04	**0.59**	2.00	0.83
EDR62D	**2.07**	-0.26	0.15	**0.00**	-0.90	2.96	**0.14**	-1.29	0.80	**0.10**	-2.83	0.21
HLQYM2	**2.57**	1.08	0.20	**0.10**	0.01	0.10	**0.33**	0.34	0.14	**0.45**	0.59	0.06
JBLB7N	**2.19**	0.05	0.17	**0.18**	0.72	0.91	**0.34**	0.45	0.65	**0.34**	-0.41	1.32
JC43HT	**2.10**	-0.18	0.00	**0.10**	-0.01	0.00	**0.30**	0.08	1.44	**0.43**	0.46	0.61
JYX9QG	**2.17**	0.01	0.52									
JZRX9C	**2.16**	-0.01	0.11	**0.05**	-0.42	0.04	**0.24**	-0.41	0.02	**0.34**	-0.46	0.05
R2TT88	**3.15**	2.65	1.39									
TEVJP7	**1.96**	-0.55	0.10	**0.17**	0.57	1.14	**0.17**	-1.01	0.41	**0.35**	-0.40	0.22
U8A62Q	**2.05**	-0.31	0.04	**0.08**	-0.23	0.06	**0.26**	-0.22	0.06	**0.39**	0.00	0.45
UR2WJB	**2.50**	0.90	1.11	**0.23**	1.15	0.99	**0.30**	0.08	0.00	**0.40**	0.13	0.00
WGDABY	**1.91**	-0.68	0.52	**0.01**	-0.80	0.00	**0.45**	1.37	1.44	**0.39**	0.00	0.16
YRJQQE	**2.20**	0.10	0.13				**0.29**	0.00	0.14	**0.36**	-0.22	0.06
Z6P4LK	**2.09**	-0.21	0.77	**0.08**	-0.23	0.04	**0.27**	-0.19	0.18	**0.35**	-0.35	0.18
ZAH9C4	**2.37**	0.55	1.20	**1.10**	8.71X	6.29	**0.34**	0.44	2.69	**0.28**	-1.01	2.49

Mo (SubTestCode 224) in the Wet Digestion Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	2.17	0.10	0.29	0.39
Median Abs Dev	0.13	0.07	0.05	0.04
Avg Within Lab SD	0.16	0.06	0.07	0.10
Labs Included	18	12	15	15
Labs Reporting	18	13	15	15

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P (SubTestCode 225) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**0.407**	-0.252	1.290	**0.070**	0.000	0.000	**0.147**	-0.441	1.782	**0.393**	-0.681	1.787
JZRX9C	**0.465**	1.971	0.476	**0.070**	-0.001	0.306	**0.158**	0.995	0.176	**0.421**	0.462	1.174
QN8YGM	**0.442**	1.096	0.485	**0.072**	0.057	1.262	**0.156**	0.847	1.324	**0.445**	1.432	0.606
RR42LF	**0.412**	-0.054	1.100	**0.161**	2.988	1.820	**0.142**	-1.090	0.198	**0.390**	-0.797	0.245
XEYU96	**0.413**	0.000	1.290	**0.060**	-0.327	0.000	**0.150**	0.000	0.000	**0.410**	0.000	0.000

P (SubTestCode 225) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.41	0.070	0.15	0.41
Median Abs Dev	0.01	0.002	0.01	0.02
Avg Within Lab SD	0.00	0.001	0.00	0.01
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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K (SubTestCode 226) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**0.74**	0.00	0.25	**1.05**	0.08	0.26	**1.33**	0.00	1.22	**9.52**	-0.23	0.15
JZRX9C	**0.68**	-0.80	0.24	**1.04**	0.00	0.07	**1.40**	0.53	0.42	**9.11**	-0.85	2.12
QN8YGM	**0.82**	1.14	2.10	**1.14**	2.35	0.26	**1.48**	1.06	0.55	**10.50**	1.26	0.67
RR42LF	**0.64**	-1.35	0.20	**1.01**	-0.71	2.19	**1.08**	-1.74	1.67	**10.36**	1.04	0.06
XEYU96	**0.74**	0.09	0.67	**1.03**	-0.23	0.26	**1.32**	-0.05	0.49	**9.67**	0.00	0.20

K (SubTestCode 226) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.74	1.04	1.33	9.67
Median Abs Dev	0.06	0.01	0.08	0.56
Avg Within Lab SD	0.02	0.06	0.02	0.17
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**1.61**	1.13	0.98	**2.18**	0.00	0.20	**3.83**	0.19	0.95	**1.60**	0.45	0.94
JZRX9C	**1.50**	0.00	0.46	**2.21**	0.23	2.18	**3.65**	-0.69	0.45	**1.41**	-0.79	1.06
QN8YGM	**1.47**	-0.23	0.56	**2.15**	-0.33	0.02	**3.79**	0.00	1.48	**1.78**	1.59	1.62
RR42LF	**1.63**	1.40	1.60	**2.32**	1.36	0.22	**4.06**	1.28	0.14	**1.53**	0.00	0.26
XEYU96	**1.44**	-0.61	0.98	**2.03**	-1.45	0.41	**3.54**	-1.21	1.30	**1.45**	-0.54	0.54

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	1.50	2.18	3.79	1.53
Median Abs Dev	0.06	0.03	0.14	0.08
Avg Within Lab SD	0.02	0.03	0.03	0.03
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**0.87**	-0.09	1.30	**0.26**	-0.96	1.27	**0.34**	-0.39	2.03	**0.70**	-0.65	1.51
JZRX9C	**0.88**	0.00	1.34	**0.27**	0.00	0.33	**0.38**	0.79	0.25	**0.70**	-0.66	0.95
QN8YGM	**0.91**	0.83	0.13	**0.30**	1.16	0.30	**0.41**	1.70	0.66	**0.81**	1.88	1.19
RR42LF	**0.95**	2.08	0.86	**0.28**	0.12	1.25	**0.33**	-0.50	0.62	**0.73**	0.00	0.45
XEYU96	**0.86**	-0.36	0.86	**0.25**	-1.14	1.27	**0.35**	0.00	0.00	**0.74**	0.18	0.44

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.88	0.27	0.35	0.73
Median Abs Dev	0.01	0.02	0.02	0.03
Avg Within Lab SD	0.02	0.00	0.00	0.01
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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Na (SubTestCode 229) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**0.005**	0.000	0.485	**0.019**	-0.606	1.394	**0.015**	-0.416	1.361	**0.080**	-0.473	0.000
JZRX9C	**0.002**	-0.805	0.023	**0.023**	0.000	0.220	**0.019**	0.304	0.124	**0.108**	0.636	0.632
QN8YGM	**0.012**	1.608	2.183	**0.035**	2.182	0.668	**0.028**	2.243	1.636	**0.148**	2.197	1.886
RR42LF	**0.009**	0.884	0.007	**0.021**	-0.333	0.254	**0.015**	-0.409	0.440	**0.090**	-0.066	0.973
XEYU96	**0.005**	-0.075	0.000	**0.024**	0.252	1.581	**0.017**	0.000	0.514	**0.092**	0.000	0.310

Na (SubTestCode 229) in the Dry Ash Property Groups **Data units: Percent**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.005	0.023	0.017	0.09
Median Abs Dev	0.004	0.002	0.002	0.01
Avg Within Lab SD	0.002	0.001	0.001	0.00
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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Al (SubTestCode 230) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
BWY4VJ	**188.7**		1.4	**615.6**		1.2	**99.8**		1.1	**117.8**		1.1
JZRX9C	**150.7**		0.3	**402.9**		0.8	**70.9**		0.9	**112.9**		0.9

Al (SubTestCode 230) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	169.7	509.2	85.4	115.3
Median Abs Dev				
Avg Within Lab SD	7.1	42.6	3.5	6.7
Labs Included	2	2	2	2
Labs Reporting	2	2	2	2

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B (SubTestCode 231) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**48.0**	-0.2	1.7	**136.3**	-1.7	1.0	**62.7**	-0.4	1.3	**32.0**	0.6	1.8
BWY4VJ	**51.3**	1.1	1.3	**158.0**	0.0	1.8	**67.1**	0.8	2.1	**30.1**	0.0	1.3
HAKLTV	**52.0**	1.3	0.2	**158.3**	0.0	0.6	**64.3**	0.0	0.6	**31.5**	0.4	0.6
JZRX9C	**43.7**	-1.8	0.3	**172.3**	1.1	1.2	**70.5**	1.7	0.5	**28.3**	-0.5	0.8
LCWXX2	**21.9**	-10.0X	0.7	**123.5**	-2.8X	0.7	**49.9**	-3.9X	0.8	**22.7**	-2.1X	1.3
QN8YGM	**49.2**	0.3	1.2	**150.2**	-0.6	0.4	**65.7**	0.4	0.2	**36.4**	1.8	0.4
RR42LF	**48.2**	-0.1	0.6	**168.0**	0.8	0.1	**61.0**	-0.9	0.5	**26.3**	-1.1	0.5
XEYU96	**48.4**	0.0	0.7	**153.0**	-0.4		**62.2**	-0.6	0.2	**29.1**	-0.3	0.7

B (SubTestCode 231) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	48.4	158.0	64.3	30.1
Median Abs Dev	0.7	7.8	2.1	1.8
Avg Within Lab SD	1.0	4.6	1.9	0.9
Labs Included	7	7	7	7
Labs Reporting	8	8	8	8

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**48.7**	-0.2	1.0	**11.0**	0.0		**55.3**	-0.3	0.5	**35.7**	-0.6	0.9
JZRX9C	**49.9**	0.0	0.1	**9.6**	-0.2	0.3	**52.4**	-1.3	0.9	**30.1**	-1.7	0.9
QN8YGM	**42.1**	-1.3	0.8	**29.1**	3.1	1.1	**56.2**	0.0	0.6	**42.2**	0.6	0.2
RR42LF	**60.1**	1.6	1.3	**11.2**	0.0	1.4	**61.0**	1.7	1.9	**38.9**	0.0	1.6
XEYU96	**51.5**	0.3	1.4	**11.0**	0.0	0.9	**56.2**	0.0	0.1	**40.7**	0.4	0.9

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	49.9	11.0	56.2	38.9
Median Abs Dev	1.6	0.2	0.8	3.3
Avg Within Lab SD	0.6	0.5	1.2	0.6
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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Mn (SubTestCode 233) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**139.7**	-1.4	1.2	**89.3**	-0.9	1.6	**23.7**	-0.1	1.5	**64.7**	-0.7	0.5
JZRX9C	**146.8**	-0.6	0.5	**110.2**	1.6	1.2	**27.3**	1.4	0.8	**69.1**	0.0	1.7
QN8YGM	**157.8**	0.5	0.7	**100.4**	0.4	0.1	**27.7**	1.5	0.0	**85.3**	2.5	0.9
RR42LF	**161.0**	0.8	1.4	**92.6**	-0.5	0.6	**23.2**	-0.3	1.1	**68.0**	-0.2	0.8
XEYU96	**153.0**	0.0	1.0	**96.7**	0.0	0.8	**24.0**	0.0		**69.3**	0.0	0.5

Mn (SubTestCode 233) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	153.0	96.7	24.0	69.1
Median Abs Dev	6.2	4.1	0.8	1.1
Avg Within Lab SD	2.0	0.7	0.4	1.1
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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Fe (SubTestCode 234) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**199.0**	-1.2	0.1	**366.7**	-0.4	0.2	**68.0**	0.0	0.5	**96.3**	-0.9	1.2
JZRX9C	**214.0**	-0.5	0.1	**436.9**	0.8	1.1	**77.1**	0.9	0.4	**114.2**	0.0	0.5
QN8YGM	**227.2**	0.1	2.1	**390.0**	0.0	0.9	**93.7**	2.4	0.1	**150.0**	1.8	0.7
RR42LF	**224.2**	0.0	0.5	**332.4**	-1.0	1.7	**67.4**	-0.1	2.1	**127.3**	0.6	1.7
XEYU96	**258.0**	1.6	0.6	**449.0**	1.1	0.4	**67.7**	0.0	0.3	**112.3**	-0.1	0.2

Fe (SubTestCode 234) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	224.2	390.0	68.0	114.2
Median Abs Dev	10.2	46.9	0.6	13.1
Avg Within Lab SD	7.3	8.7	2.1	3.3
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
4G8ZB8	**13.60**	0.00	0.55	**3.53**	0.16	0.13	**24.27**	-0.34	0.99	**5.27**	-1.32	0.63
JZRX9C	**13.17**	-0.18	0.18	**2.77**	-0.57	0.25	**27.47**	0.45	0.84	**7.33**	0.04	0.90
QN8YGM	**8.79**	-1.99	1.44	**4.96**	1.54	2.20	**15.73**	-2.44	1.33	**6.41**	-0.56	0.54
RR42LF	**14.77**	0.48	1.08	**2.22**	-1.10	0.11	**25.64**	0.00	0.39	**7.26**	0.00	1.57
XEYU96	**15.33**	0.72	1.20	**3.37**	0.00	0.29	**26.23**	0.15	1.18	**9.43**	1.44	1.01

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	13.6	3.37	25.6	7.26
Median Abs Dev	1.2	0.59	1.4	0.85
Avg Within Lab SD	0.5	0.88	0.5	0.40
Labs Included	5	5	5	5
Labs Reporting	5	5	5	5

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Mo (SubTestCode 236) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
HAKLTV	**1.77**		1.41	**0.89**		1.41	**0.23**		1.41	**0.68**	1.35
JZRX9C	**2.15**		0.05	**0.07**		0.03	**0.22**		0.12	**0.26**	0.43

Mo (SubTestCode 236) in the Dry Ash Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	1.96	0.48	0.23	0.47
Median Abs Dev				
Avg Within Lab SD	0.15	0.03	0.04	0.01
Labs Included	2	2	2	2
Labs Reporting	2	2	2	2

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As (SubTestCode 237) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM	**0.51**	1.40	0.56	**0.99**	1.26	0.25	**0.38**	1.86	0.91	**0.67**	2.21	0.79
BWWDRL	**167.07**	642.04X	50.02	**0.35**	0.01	0.03	**0.11**	0.07	0.05	**0.15**	0.05	0.02
HLQYM2	**0.15**	0.00	0.04	**0.34**	-0.01	0.03	**0.09**	-0.07	0.04	**0.14**	0.00	0.11
TEVJP7	**56.09**	215.16X		**121.06**	232.71X		**53.82**	351.86X		**24.18**	99.76X	
U8A62Q	**0.14**	-0.06	0.05	**0.30**	-0.09	0.01	**0.08**	-0.15	0.01	**0.12**	-0.07	0.20
WGDABY	**0.70**	2.11	2.37	**0.60**	0.50	0.41	**0.30**	1.30	1.24	**0.10**	-0.16	0.00
YRJQQE	**0.13**	-0.09	0.15	**0.28**	-0.12	0.01	**0.09**	-0.11	0.15	**0.12**	-0.08	0.09
Z6P4LK	**0.12**	-0.13	0.04	**0.24**	-0.21	0.03	**0.07**	-0.18	0.08			
ZAH9C4	**0.39**	0.93	1.02	**2.01**	3.21	2.79	**0.36**	1.66	2.37	**0.66**	2.15	2.51

As (SubTestCode 237) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.15	0.34	0.10	0.14
Median Abs Dev	0.03	0.08	0.03	0.02
Avg Within Lab SD	0.08	0.48	0.08	0.07
Labs Included	7	8	8	7
Labs Reporting	9	9	9	8

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Ba (SubTestCode 238) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM	**16.1**	0.1	1.2	**25.1**	0.3	0.8	**54.4**	-0.4	0.3	**54.5**	-0.6	0.3
HLQYM2	**16.7**	0.6	0.2	**26.5**	0.8	1.2	**61.8**	0.6	1.2	**64.4**	0.4	0.4
R2TT88	**17.1**	0.8	0.4	**26.8**	0.9	0.3	**61.9**	0.6	0.3	**62.8**	0.2	0.2
R6R7VW	**15.2**	-0.4	1.6	**23.6**	-0.2	0.5	**62.9**	0.8	2.1	**68.1**	0.7	0.7
TEVJP7	**0.0**	-10.2X		**0.0**	-8.1X		**0.0**	-7.8X		**0.0**	-6.0X	
U8A62Q	**16.0**	0.1	0.5	**25.4**	0.4	0.5	**57.2**	0.0	0.4	**63.7**	0.3	2.5
WGDABY	**13.4**	-1.6	1.1	**20.3**	-1.3	0.9	**50.4**	-0.9	0.9	**48.2**	-1.2	0.7
YRJQQE	**15.9**	0.0	0.7	**24.1**	0.0	0.6	**57.7**	0.1	0.3	**60.5**	0.0	0.9
Z6P4LK	**13.7**	-1.4	1.1	**20.7**	-1.2	1.4	**49.3**	-1.1	1.4	**50.7**	-1.0	0.7
ZAH9C4	**14.1**	-1.1	1.3	**21.1**	-1.0	1.9	**45.5**	-1.6	0.0	**44.0**	-1.6	0.4

Ba (SubTestCode 238) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	15.9	24.1	57.2	60.5
Median Abs Dev	0.9	2.4	4.7	6.0
Avg Within Lab SD	0.3	0.8	1.5	2.7
Labs Included	9	9	9	9
Labs Reporting	10	10	10	10

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Cd (SubTestCode 239) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM										**1.149**	-1.032	0.622
BWWDRL	**0.043**	-0.005	0.105	**0.037**	-0.016	0.849	**0.007**	-0.084	0.213	**1.229**	-0.528	0.577
DNU9NV	**0.182**	4.572	2.609	**0.167**	3.933	2.262	**0.068**	2.699	1.669	**1.615**	1.888	1.872
HLQYM2	**0.043**	-0.006	0.041	**0.038**	0.016	0.329	**0.004**	-0.235	0.137	**1.360**	0.292	0.227
R6R7VW										**1.400**	0.543	0.000
TEVJP7	**1.410**	45.126X		**1.200**	35.311X		**0.250**	10.940X		**0.800**	-3.217X	
U8A62Q	**0.047**	0.117	0.199	**0.038**	0.030	0.342				**1.430**	0.731	1.928
WGDABY	**0.050**	0.226	0.405	**0.013**	-0.723	1.243	**0.017**	0.355	1.372	**1.220**	-0.585	0.916
YRJQQE	**0.043**	0.005	0.094	**0.035**	-0.055	0.124				**1.267**	-0.292	0.590
Z6P4LK	**0.030**	-0.435	0.000	**0.030**	-0.217	0.000				**1.260**	-0.334	0.600
ZAH9C4	**0.042**	-0.030	0.985	**0.051**	0.406	0.613	**0.009**	0.000	0.519	**1.396**	0.518	0.678

Cd (SubTestCode 239) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.043	0.037	0.009	1.31
Median Abs Dev	0.002	0.004	0.005	0.09
Avg Within Lab SD	0.025	0.005	0.008	0.08
Labs Included	8	8	5	10
Labs Reporting	9	9	6	11

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Co (SubTestCode 240) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM	**0.89**	0.15	0.34	**0.28**	0.83	1.05	**0.05**	-0.58	0.94	**0.50**	-0.19	0.09
BWWDRL	**0.80**	-0.30	0.14	**0.22**	-0.43	0.45	**0.08**	0.09	0.19	**0.65**	0.27	0.05
HLQYM2	**0.86**	0.00	0.52	**0.26**	0.32	0.36	**0.07**	-0.09	0.07	**1.93**	4.16	2.98
JC43HT	**0.75**	-0.56	0.09	**0.29**	1.11	0.49	**0.16**	1.98	1.99	**0.62**	0.18	0.21
TEVJP7	**7.16**	33.37X		**8.32**	173.18X		**7.30**	168.49X		**6.98**	19.48X	
U8A62Q	**0.79**	-0.38	0.17	**0.24**	0.00	0.42	**0.06**	-0.28	0.04	**0.56**	0.00	0.01
WGDABY	**0.98**	0.65	0.94	**0.24**	-0.03	2.57	**0.12**	1.13	1.64	**0.50**	-0.20	0.02
YRJQQE	**1.24**	2.01	2.32	**0.24**	-0.10	0.24				**0.68**	0.36	0.20
Z6P4LK	**0.65**	-1.11	0.25	**0.18**	-1.39	0.24	**0.05**	-0.50	0.00	**0.45**	-0.33	0.07
ZAH9C4	**1.03**	0.90	1.50	**0.33**	1.86	0.66	**0.10**	0.74	0.64	**0.44**	-0.38	0.06

Co (SubTestCode 240) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.86	0.24	0.072	0.56
Median Abs Dev	0.11	0.02	0.023	0.09
Avg Within Lab SD	0.17	0.02	0.016	0.82
Labs Included	9	9	8	9
Labs Reporting	10	10	9	10

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Ni (SubTestCode 241) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM	**1.04**	-0.98	1.12	**2.68**	0.28	2.35	**1.85**	0.32	1.06	**1.12**	0.10	1.07
BWWDRL	**1.21**	0.35	1.58	**2.48**	-0.54	0.80	**1.95**	1.02	1.06	**1.26**	0.85	0.31
HLQYM2	**1.15**	-0.15	0.38	**2.66**	0.19	0.59	**1.79**	-0.09	0.32	**1.08**	-0.10	0.25
R2TT88				**2.80**	0.76	1.41						
R6R7VW	**1.20**	0.25	0.00	**2.57**	-0.19	0.38	**1.80**	0.00	1.29	**1.13**	0.19	0.41
TEVJP7	**3,632.22**	469.63X		**559.54**	293.93X		**1,322.47**	774.43X		**3,520.00**	139.21X	
U8A62Q	**1.17**	0.00	0.62	**2.66**	0.21	0.33	**1.81**	0.04	0.78	**1.44**	1.88	2.43
WGDABY	**0.92**	-1.89	0.52	**2.25**	-1.49	0.49	**1.54**	-1.75	0.49	**0.85**	-1.35	0.61
YRJQQE	**1.18**	0.10	1.31	**2.56**	-0.21	0.41	**1.73**	-0.44	0.41	**1.04**	-0.32	0.37
Z6P4LK	**0.97**	-1.51	0.71	**1.99**	-2.55	0.42	**1.49**	-2.06	0.77			
ZAH9C4	**1.28**	0.83	1.49	**2.69**	0.33	0.82	**1.85**	0.35	1.84	**0.99**	-0.61	0.38

Ni (SubTestCode 241) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	1.17	2.61	1.80	1.10
Median Abs Dev	0.05	0.07	0.05	0.09
Avg Within Lab SD	0.04	0.15	0.08	0.14
Labs Included	9	10	9	8
Labs Reporting	10	11	10	9

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

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM										**2.49**	1.26	0.97
BWWDRL	**0.22**	0.08	0.22	**0.63**	0.35	0.20	**0.10**	0.00	0.10	**1.85**	0.05	0.20
HLQYM2	**0.15**	-0.25	0.02	**0.54**	-0.81	0.10	**0.07**	-0.19	0.01	**1.46**	-0.68	0.23
R6R7VW										**1.70**	-0.24	0.67
TEVJP7	**0.45**	1.24		**0.66**	0.67		**0.44**	1.87		**1.16**	-1.25	
U8A62Q	**0.15**	-0.23	0.01	**0.58**	-0.35	0.06	**0.07**	-0.19	0.01	**2.09**	0.50	0.54
WGDABY	**0.20**	0.00	0.47	**0.70**	1.16	0.99	**0.17**	0.35	0.34	**1.80**	-0.05	0.91
YRJQQE				**0.55**	-0.64	0.03				**1.54**	-0.53	0.29
Z6P4LK	**0.15**	-0.27	0.03	**0.57**	-0.44	0.10	**0.07**	-0.19		**2.10**	0.52	0.25
ZAH9C4	**0.74**	2.67	2.39	**0.68**	0.97	2.44	**0.45**	1.93	2.21	**2.71**	1.67	2.50

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

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	0.20	0.61	0.10	1.82
Median Abs Dev	0.05	0.05	0.03	0.28
Avg Within Lab SD	0.20	0.20	0.17	0.40
Labs Included	7	8	7	10
Labs Reporting	7	8	7	10

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Sr (SubTestCode 243) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709			SRB1710			SRB1711			SRB1712		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
AW39XM	**57.1**	0.0	0.4	**132.0**	0.0	0.4	**204.1**	0.0	0.4	**70.6**	-0.6	0.2
HLQYM2	**66.1**	1.4	0.0	**154.8**	1.3	1.3	**239.2**	1.5	1.1	**92.7**	1.6	0.9
JC43HT	**51.2**	-1.0	0.7	**116.6**	-0.9	0.3	**175.9**	-1.1	0.4	**64.5**	-1.2	0.2
R2TT88	**64.2**	1.1	0.2	**147.7**	0.9	0.2	**225.3**	0.9	0.2	**81.4**	0.5	0.1
R6R7VW	**55.7**	-0.2	0.4	**127.3**	-0.3	0.6	**204.0**	0.0	0.6	**76.7**	0.0	0.2
TEVJP7	**2.3**	-8.8X		**3.1**	-7.6X		**3.6**	-8.4X		**2.8**	-7.5X	
U8A62Q	**57.3**	0.0	0.5	**133.3**	0.0	1.0	**199.0**	-0.2	0.2	**79.1**	0.2	2.7
WGDABY	**58.3**	0.2	1.0	**139.0**	0.4	0.3	**201.7**	-0.1	1.1	**76.8**	0.0	0.1
YRJQQE	**56.6**	-0.1	0.9	**128.0**	-0.3	0.5	**202.3**	0.0	0.4	**72.3**	-0.5	0.4
Z6P4LK	**47.2**	-1.6	0.4	**105.0**	-1.6	0.9	**164.3**	-1.6	1.8	**61.1**	-1.6	0.7
ZAH9C4	**64.0**	1.1	2.6	**149.2**	1.0	2.4	**230.6**	1.2	1.8	**81.1**	0.4	1.1

Sr (SubTestCode 243) in the Heavy Metals Property Groups **Data units: mg/kg**

	SRB1709	SRB1710	SRB1711	SRB1712
Grand Median	57.2	132.7	203.2	76.8
Median Abs Dev	3.8	10.7	13.1	4.6
Avg Within Lab SD	1.5	3.7	4.4	3.1
Labs Included	10	10	10	10
Labs Reporting	11	11	11	11

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PH (SubTestCode 301) **Data units:**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**8.22**	-0.04	0.18	**7.92**	-0.05	0.43	**7.86**	0.00	0.16
4G8ZB8	**7.93**	-1.68	0.61	**7.81**	-0.61	0.87	**7.87**	0.02	0.77
7VEVHY	**8.33**	0.58	1.84	**8.14**	1.10	0.50	**7.65**	-0.77	3.04
BWY4VJ	**8.23**	0.00	0.92	**7.92**	-0.03	0.29	**8.00**	0.51	0.52
BZXGJ9	**7.87**	-2.03	1.76	**7.70**	-1.20	0.00	**7.43**	-1.58	0.80
EDR62D	**8.23**	0.02	1.74	**8.09**	0.82	1.22	**7.90**	0.15	1.04
EL427J	**8.20**	-0.17	0.00	**8.00**	0.37	2.48	**7.40**	-1.70	1.38
FJX2KD	**8.29**	0.35	1.07	**8.18**	1.32	0.57	**8.08**	0.78	0.21
J4NJZF	**8.00**	-1.29		**7.83**	-0.50	1.43	**7.43**	-1.58	0.80
JBLB7N	**8.26**	0.19	0.47	**8.13**	1.06	0.14	**8.03**	0.62	0.08
JYX9QG	**8.33**	0.58	0.18	**8.19**	1.34	1.69	**7.88**	0.05	0.16
LCWXX2	**8.31**	0.46	0.87	**8.06**	0.68	0.80	**7.93**	0.25	0.71
R2TT88	**8.12**	-0.62	0.31	**7.89**	-0.21	0.43	**7.72**	-0.54	0.16
WGDABY	**7.87**	-2.01	0.00	**7.77**	-0.83	0.00	**7.49**	-1.37	0.00
YPCE8R	**8.25**	0.11		**7.93**	0.00	0.00	**7.81**	-0.20	0.00

PH (SubTestCode 301) **Data units:**

	SRW1707	SRW1708	SRW1709
Grand Median	8.23	7.93	7.86
Median Abs Dev	0.08	0.13	0.15
Avg Within Lab SD	0.03	0.04	0.07
Labs Included	15	15	15
Labs Reporting	15	15	15

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EC (SubTestCode 302) **Data units: dS/m**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**0.97**	-0.03	0.11	**0.66**	-0.27	0.53	**0.12**	-0.09	0.00
4G8ZB8	**1.00**	0.68	1.93	**0.69**	0.51	1.06	**0.15**	2.65	1.81
7VEVHY	**0.98**	0.24	0.54	**0.67**	0.00	0.61	**0.12**	-0.09	0.00
BWY4VJ	**0.95**	-0.43	0.54	**0.68**	0.21	2.81	**0.11**	-0.78	1.81
BZXGJ9	**0.94**	-0.72	0.93	**0.65**	-0.72	1.06	**0.12**	-0.44	1.81
EDR62D	**1.02**	1.15	0.97	**0.71**	1.02	0.06	**0.13**	1.18	1.30
EL427J	**0.86**	-2.43	2.83	**0.59**	-2.57	1.84	**0.12**	0.25	1.81
FJX2KD	**0.99**	0.46	0.54	**0.68**	0.21	0.00	**0.12**	-0.09	0.00
J4NJZF	**0.99**	0.39	0.00	**0.68**	0.31	0.61	**0.12**	-0.09	0.00
JBLB7N	**1.00**	0.52	0.33	**0.69**	0.36	0.11	**0.13**	0.63	0.31
JYX9QG	**0.87**	-2.21	0.45	**0.59**	-2.44	0.49	**0.14**	1.53	0.21
LCWXX2	**0.97**	0.00	0.19	**0.66**	-0.28	0.07	**0.12**	0.10	0.20
R2TT88	**0.99**	0.33	0.47	**0.67**	-0.07	0.38	**0.12**	0.00	0.14
WGDABY	**0.97**	-0.06	0.00	**0.69**	0.51	0.00	**0.14**	1.97	0.00
YPCE8R	**0.95**	-0.48	0.00	**0.65**	-0.66	0.00	**0.12**	-0.23	0.18

EC (SubTestCode 302) **Data units: dS/m**

	SRW1707	SRW1708	SRW1709
Grand Median	0.97	0.67	0.12
Median Abs Dev	0.02	0.01	0.00
Avg Within Lab SD	0.01	0.01	0.00
Labs Included	15	15	15
Labs Reporting	15	15	15

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Ca (SubTestCode 303) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**5.90**	0.84	0.03	**3.64**	1.80	0.59	**0.47**	0.84	0.55
4G8ZB8	**5.10**	-1.27	1.49	**3.20**	-0.95	1.98	**0.50**	1.40	
7VEVHY	**5.48**	-0.25	2.56	**3.33**	-0.16	1.78	**0.40**	-0.56	2.35
BWY4VJ	**5.82**	0.64	0.56	**3.46**	0.66	0.20	**0.43**	0.00	1.08
BZXGJ9	**6.30**	1.90	1.07	**3.47**	0.73	0.71	**0.30**	-2.59	0.82
EDR62D	**5.78**	0.53	1.33	**3.40**	0.29	1.99	**0.41**	-0.30	1.33
EL427J	**5.40**	-0.48	0.32	**3.20**	-0.95	0.80	**0.43**	0.03	1.08
FJX2KD	**5.44**	-0.37	0.43	**3.19**	-1.02	0.26	**0.41**	-0.42	0.30
J4NJZF	**5.30**	-0.73	0.56	**3.28**	-0.47	0.07	**0.46**	0.67	1.00
JBLB7N	**5.84**	0.70	0.34	**3.46**	0.64	0.43	**0.47**	0.77	0.47
JYX9QG	**5.80**	0.59	0.21	**3.49**	0.82	0.22	**0.44**	0.14	0.28
LCWXX2	**91.58**	227.74X	5.27	**54.06**	314.34X	18.86	**7.96**	147.64X	4.36
R2TT88	**5.58**	0.00	0.10	**3.31**	-0.28	0.06	**0.42**	-0.10	0.02
WGDABY	**5.40**	-0.47	0.47	**3.35**	0.00	0.31	**0.38**	-0.95	0.17

Ca (SubTestCode 303) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707	SRW1708	SRW1709
Grand Median	5.58	3.35	0.43
Median Abs Dev	0.22	0.11	0.03
Avg Within Lab SD	0.18	0.09	0.02
Labs Included	13	13	13
Labs Reporting	14	14	14

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Mg (SubTestCode 304) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**3.16**	0.84	1.30	**3.01**	1.60	1.36	**0.17**	1.04	0.46
4G8ZB8	**2.63**	-1.30	1.08	**2.60**	-0.20	0.00	**0.20**	1.78	0.00
7VEVHY	**2.62**	-1.34	2.73	**2.56**	-0.37	2.25	**0.13**	0.00	2.18
BWY4VJ	**2.96**	0.03	0.79	**2.78**	0.60	0.55	**0.12**	-0.30	0.42
BZXGJ9	**2.97**	0.07	0.70	**2.61**	-0.17	0.71	**0.05**	-2.22	0.00
EDR62D	**3.01**	0.23	0.70	**2.75**	0.47	1.27	**0.14**	0.06	0.48
EL427J	**2.95**	0.00	0.28	**2.92**	1.21	1.58	**0.15**	0.44	0.00
FJX2KD	**2.81**	-0.59	0.50	**2.54**	-0.46	0.51	**0.13**	-0.15	0.16
J4NJZF	**3.40**	1.81	0.79	**3.16**	2.25	0.30	**0.20**	1.81	2.74
JBLB7N	**2.96**	0.03	0.18	**2.74**	0.39	0.76	**0.15**	0.51	0.13
JYX9QG	**2.68**	-1.10	0.20	**2.52**	-0.56	0.39	**0.13**	-0.01	0.25
LCWXX2	**31.18**	114.93X	6.62	**29.57**	117.03X	14.49	**1.97**	48.87X	2.75
R2TT88	**2.83**	-0.49	0.08	**2.65**	0.00	0.03	**0.13**	0.00	0.01
WGDABY	**2.72**	-0.94	0.19	**2.53**	-0.49	0.30	**0.12**	-0.46	0.00

Mg (SubTestCode 304) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707	SRW1708	SRW1709
Grand Median	2.95	2.65	0.13
Median Abs Dev	0.15	0.11	0.02
Avg Within Lab SD	0.11	0.07	0.01
Labs Included	13	13	13
Labs Reporting	14	14	14

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Na (SubTestCode 305) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**2.69**	1.53	3.30	**1.62**	1.69	2.88	**0.75**	1.19	1.08
4G8ZB8	**1.97**	-1.77	0.46	**1.23**	-1.43	0.99	**0.60**	-1.06	0.00
7VEVHY	**2.21**	-0.64	0.41	**1.38**	-0.27	1.47	**0.65**	-0.31	2.79
BWY4VJ	**2.44**	0.38	0.57	**1.47**	0.52	0.41	**0.69**	0.33	0.86
BZXGJ9	**2.12**	-1.09	1.10	**1.21**	-1.60	0.55	**0.59**	-1.16	0.22
EDR62D	**2.49**	0.63	0.98	**1.43**	0.15	1.02	**0.69**	0.27	1.22
EL427J	**2.36**	0.03	0.42	**1.39**	-0.16	0.17	**0.07**	-9.05X	0.04
FJX2KD	**2.28**	-0.32	0.35	**1.36**	-0.42	0.27	**0.63**	-0.62	0.39
J4NJZF	**2.27**	-0.39	0.29	**1.37**	-0.32	0.34	**0.65**	-0.27	0.12
JBLB7N	**2.40**	0.21	0.14	**1.42**	0.12	0.18	**0.71**	0.61	0.36
JYX9QG	**2.89**	2.46	0.23	**1.64**	1.88	0.11	**0.69**	0.36	0.28
LCWXX2	**2.30**	-0.24	0.74	**1.49**	0.69	1.31	**0.81**	2.05	1.54
R2TT88	**2.35**	0.00	0.06	**1.38**	-0.22	0.05	**0.65**	-0.28	0.04
WGDABY	**2.40**	0.21	0.44	**1.49**	0.65	0.22	**0.70**	0.38	0.12
YPCE8R	**2.30**	-0.23	0.02	**1.41**	0.00	0.23	**0.64**	-0.53	0.14

Na (SubTestCode 305) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707	SRW1708	SRW1709
Grand Median	2.35	1.41	0.67
Median Abs Dev	0.08	0.05	0.03
Avg Within Lab SD	0.12	0.06	0.03
Labs Included	15	15	14
Labs Reporting	15	15	15

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K (SubTestCode 306) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7VEVHY	**0.270**	-0.607	2.171	**0.077**	0.118	1.649	**0.017**	-0.167	1.331
BWY4VJ	**0.262**	-1.053	0.520	**0.037**	-2.322	0.983			
BZXGJ9	**0.280**	-0.047	0.821	**0.067**	-0.493	0.825	**0.010**	-0.559	0.000
EDR62D	**0.296**	0.849	1.056	**0.079**	0.262	0.475	**0.020**	0.051	0.705
FJX2KD	**0.273**	-0.457	0.379	**0.072**	-0.147	0.165	**0.018**	-0.070	0.133
J4NJZF	**0.286**	0.289	1.498	**0.067**	-0.473	1.030	**0.006**	-0.794	1.613
JBLB7N	**0.298**	0.987	0.484	**0.085**	0.652	0.595	**0.024**	0.280	0.767
JYX9QG	**0.236**	-2.532	1.021	**0.052**	-1.383	2.413	**0.035**	0.926	2.308
LCWXX2	**0.290**	0.494	1.150	**0.100**	1.535	0.328	**0.097**	4.530	0.441
R2TT88	**0.273**	-0.445	0.107	**0.073**	-0.118	0.060	**0.020**	0.000	0.037
WGDABY	**0.286**	0.287	0.475	**0.080**	0.310	0.150	**0.020**	0.012	0.000
YPCE8R	**0.282**	0.047	0.047	**0.079**	0.281	0.082	**0.019**	-0.030	0.000

K (SubTestCode 306) in the Cations Property Groups **Data units: mmolc/L**

	SRW1707	SRW1708	SRW1709
Grand Median	0.28	0.075	0.020
Median Abs Dev	0.01	0.006	0.003
Avg Within Lab SD	0.01	0.007	0.004
Labs Included	12	12	11
Labs Reporting	12	12	11

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EDR62D	**0.105**		1.697	**0.104**		1.943	**0.105**	2.708	2.165
EL427J	**0.010**		0.000	**0.010**		0.000	**0.010**	0.000	0.000
J4NJZF	**0.286**		1.058	**0.067**		0.472	**0.006**	-0.114	0.525
JBLB7N	**0.001**		0.041	**0.001**		0.049	**0.001**	-0.253	0.056
WGDABY							**0.020**	0.297	0.180

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.057	0.039	0.010
Median Abs Dev			0.009
Avg Within Lab SD	0.017	0.015	0.013
Labs Included	4	4	5
Labs Reporting	4	4	5

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BWY4VJ	**11.48**	-0.06	1.12	**7.75**	0.21	0.49	**1.24**	0.00	1.41
BZXGJ9	**11.67**	0.42	1.65	**7.35**	-1.47	0.92	**0.95**	-1.16	0.40
EDR62D	**11.68**	0.45	1.20	**7.77**	0.26	2.09	**1.36**	0.47	1.34
EL427J	**10.72**	-1.96	0.38	**7.52**	-0.75	1.17	**0.66**	-2.28	0.69
J4NJZF	**11.54**	0.09	0.99	**7.95**	1.01	0.11	**1.33**	0.34	1.50
JBLB7N	**11.50**	0.00	0.35	**7.70**	0.00	0.38	**1.36**	0.44	0.52
WGDABY	**10.81**	-1.74	0.58	**7.46**	-1.03	0.13	**1.23**	-0.04	0.25

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

	SRW1707	SRW1708	SRW1709
Grand Median	11.5	7.70	1.24
Median Abs Dev	0.2	0.18	0.11
Avg Within Lab SD	0.2	0.14	0.03
Labs Included	7	7	7
Labs Reporting	7	7	7

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	**1.00**	-1.07		**0.73**	-0.86	2.31	**1.00**	-1.40	
BZXGJ9	**0.98**	-1.20	1.80	**0.69**	-1.36	0.61	**1.44**	1.25	1.29
EL427J	**1.15**	0.11	0.82	**0.80**	-0.01	0.40	**1.24**	0.08	1.80
FJX2KD	**1.12**	-0.11	0.42	**0.80**	0.01	0.23	**1.22**	-0.08	0.27
JYX9QG	**1.29**	1.16	0.40	**0.88**	0.97	0.03	**1.19**	-0.23	0.15
WGDABY	**1.19**	0.39	0.86	**0.87**	0.83	0.23	**1.40**	1.01	0.15

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

	SRW1707	SRW1708	SRW1709
Grand Median	1.14	0.80	1.23
Median Abs Dev	0.10	0.07	0.10
Avg Within Lab SD	0.03	0.02	0.04
Labs Included	6	6	6
Labs Reporting	6	6	6

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	**1.33**		1.07	**0.80**		0.00	**0.63**		1.41
BZXGJ9	**0.85**		0.93	**0.51**		1.41	**0.36**		0.14

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

	SRW1707	SRW1708	SRW1709
Grand Median	1.09	0.65	0.50
Median Abs Dev			
Avg Within Lab SD	0.05	0.01	0.04
Labs Included	2	2	2
Labs Reporting	2	2	2

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HCO3 (SubTestCode 311) in the Anions Property Groups **Data units: mmolc/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	**7.73**	-0.99	0.91	**2.67**	0.00	1.58	**0.53**	-2.49	1.90
7VEVHY	**7.70**	-1.10	1.41	**2.59**	-0.60	0.10	**0.96**	0.40	0.64
BWY4VJ	**8.32**	1.18	0.45	**2.73**	0.55	0.73	**0.94**	0.22	0.26
BZXGJ9	**7.97**	-0.11	0.28	**2.71**	0.36	1.30	**0.90**	0.00	1.93
EDR62D	**7.93**	-0.26	1.97	**2.58**	-0.68	1.31	**1.11**	1.41	0.76
EL427J	**8.00**	0.00		**2.50**	-1.37		**0.90**	-0.02	0.00
J4NJZF	**8.45**	1.67	0.07	**2.80**	1.07	0.69	**1.01**	0.69	0.76
JBLB7N	**8.21**	0.76	0.07	**2.68**	0.09	0.26	**0.78**	-0.82	0.16
WGDABY	**8.00**	0.00		**2.50**	-1.37		**0.90**	-0.02	0.00

HCO3 (SubTestCode 311) in the Anions Property Groups **Data units: mmolc/L**

	SRW1707	SRW1708	SRW1709
Grand Median	8.00	2.67	0.90
Median Abs Dev	0.21	0.07	0.06
Avg Within Lab SD	0.25	0.15	0.12
Labs Included	9	9	9
Labs Reporting	9	9	9

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JBLB7N	**0.17**		1.00						

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.17		
Median Abs Dev			
Avg Within Lab SD	0.01	0.00	0.00
Labs Included	1	0	0
Labs Reporting	1	0	0

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Cl (SubTestCode 313) in the Anions Property Groups **Data units: mmolc/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**1.81**	-0.35	0.81	**0.30**	0.18	1.60	**0.22**	1.15	2.08
4G8ZB8	**1.94**	0.19	2.28	**0.29**	0.03	2.51	**0.12**	-0.46	2.04
7VEVHY	**1.85**	-0.19	0.60	**0.27**	-0.47	0.60	**0.15**	0.00	1.39
87U6LJ	**1.84**	-0.23	0.20	**0.28**	-0.25	0.60	**0.12**	-0.46	0.39
BWY4VJ	**2.99**	4.66X	0.67	**0.50**	4.47X	0.93	**0.25**	1.53	0.92
BZXGJ9	**1.80**	-0.40	0.20	**0.31**	0.39	0.00	**0.11**	-0.56	0.00
EDR62D	**0.94**	-4.08	1.34	**0.29**	-0.03	1.66	**0.27**	1.91	0.97
EL427J	**1.75**	-0.62	1.52	**0.27**	-0.47	0.60	**0.10**	-0.66	0.39
FJX2KD	**1.98**	0.35	0.31	**0.29**	-0.10	0.77	**0.11**	-0.54	0.25
J4NJZF	**2.23**	1.43	1.32	**0.42**	2.74	0.47	**0.18**	0.53	0.74
JBLB7N	**2.01**	0.51	0.52	**0.25**	-0.95	0.31	**0.10**	-0.75	0.03
JYX9QG	**1.99**	0.39	0.29	**0.35**	1.17	0.09	**0.17**	0.34	0.29
LCWXX2	**2.01**	0.50	1.18	**0.36**	1.47	0.60	**0.17**	0.36	1.34
R2TT88	**1.87**	-0.10	0.07	**0.28**	-0.16	0.16	**0.11**	-0.52	0.04
WGDABY	**1.92**	0.10	0.00	**0.34**	1.02	0.00	**0.17**	0.34	0.00

Cl (SubTestCode 313) in the Anions Property Groups **Data units: mmolc/L**

	SRW1707	SRW1708	SRW1709
Grand Median	1.89	0.29	0.15
Median Abs Dev	0.09	0.02	0.03
Avg Within Lab SD	0.05	0.02	0.01
Labs Included	14	14	15
Labs Reporting	15	15	15

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**0.073**	-3.761X	0.098	**0.004**	-0.515	0.476	**0.001**	-0.418	0.000
4G8ZB8	**0.183**	-2.077	0.214						
87U6LJ	**0.503**	2.810	0.214						
BWY4VJ	**0.379**	0.913	3.003	**0.011**	-0.039	0.940	**0.026**	1.073	1.655
BZXGJ9	**0.353**	0.519	0.856	**0.057**	2.952	1.191	**0.053**	2.704	2.217
EDR62D	**0.296**	-0.353	1.896	**0.041**	1.941	2.819	**0.047**	2.347	1.921
EL427J	**0.297**	-0.346	0.428	**0.013**	0.117	1.191	**0.010**	0.119	0.000
FJX2KD	**0.316**	-0.056	0.093	**0.012**	0.030	0.000	**0.008**	0.000	0.000
J4NJZF	**0.257**	-0.952	0.000	**0.001**	-0.690	0.000	**0.001**	-0.418	0.000
JBLB7N	**0.318**	-0.015	0.435	**0.012**	0.055	0.225	**0.005**	-0.165	0.209
JYX9QG	**0.320**	0.015	0.301	**0.033**	1.425	0.833	**0.022**	0.815	0.776
LCWXX2	**0.360**	0.621	0.255	**0.005**	-0.454	0.582	**0.001**	-0.425	
R2TT88	**0.304**	-0.227	0.023	**0.012**	0.000	0.111	**0.006**	-0.145	0.000
WGDABY	**0.336**	0.255	0.000	**0.007**	-0.297	0.000	**0.007**	-0.060	0.000
YPCE8R	**0.338**	0.285	0.162	**0.008**	-0.254	0.119	**0.009**	0.080	0.111

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.32	0.012	0.008
Median Abs Dev	0.02	0.005	0.007
Avg Within Lab SD	0.03	0.005	0.005
Labs Included	14	13	13
Labs Reporting	15	13	13

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**0.56**	0.56	0.83	**4.41**	-0.10	0.65	**0.17**	0.10	0.83
4G8ZB8	**0.46**	-0.21	0.58	**4.10**	-1.54	0.14	**0.17**	0.05	1.71
7VEVHY	**0.78**	2.15	3.08	**4.17**	-1.24	3.05	**0.20**	0.68	2.50
87U6LJ	**0.61**	0.92	0.46	**4.42**	-0.07	0.09	**0.18**	0.33	0.82
BWY4VJ	**0.48**	-0.02	0.09	**4.39**	-0.20	0.21	**0.16**	-0.09	0.04
BZXGJ9	**0.41**	-0.55	0.40	**4.64**	0.97	0.18	**0.01**	-3.17	0.47
EDR62D	**0.48**	0.00	0.07	**4.45**	0.07	0.15	**0.15**	-0.27	0.38
EL427J	**0.15**	-2.47	0.00	**1.41**	-13.98X	0.02	**0.05**	-2.40	0.00
J4NJZF	**0.50**	0.13	0.17	**4.60**	0.77	0.35	**0.18**	0.23	0.13
JBLB7N	**0.52**	0.28	0.21	**4.60**	0.77	0.03	**0.16**	0.00	0.25
WGDABY	**0.47**	-0.13	0.01	**4.66**	1.04	0.05	**0.16**	-0.11	0.09

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.48	4.43	0.16
Median Abs Dev	0.04	0.17	0.01
Avg Within Lab SD	0.04	0.30	0.01
Labs Included	11	10	11
Labs Reporting	11	11	11

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4G8ZB8	**10.31**	-0.35	1.38	**7.06**	-1.70	1.41	**0.82**	-1.23	1.85
BWY4VJ	**12.17**	1.71	0.42	**7.63**	0.34	0.74	**1.37**	0.81	0.35
BZXGJ9	**10.53**	-0.10	0.31	**7.72**	0.65	0.84	**1.06**	-0.32	1.87
EDR62D	**9.65**	-1.08	2.37	**7.28**	-0.92	1.49	**1.49**	1.25	0.73
EL427J	**10.20**	-0.48	0.34	**4.19**	-11.93X	0.07	**1.06**	-0.32	0.04
J4NJZF	**11.44**	0.90	0.22	**7.82**	0.99	1.20	**1.36**	0.79	0.63
JBLB7N	**11.24**	0.67	0.20	**7.54**	0.00	0.31	**1.05**	-0.37	0.14
WGDABY	**10.72**	0.10	0.00	**7.51**	-0.12	0.11	**1.24**	0.32	0.01

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

	SRW1707	SRW1708	SRW1709
Grand Median	10.6	7.54	1.15
Median Abs Dev	0.5	0.18	0.16
Avg Within Lab SD	0.3	0.15	0.13
Labs Included	8	7	8
Labs Reporting	8	8	8

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

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BWY4VJ	**-0.69**	-0.90	0.72	**0.12**	-0.14	0.47	**-0.13**	-0.56	0.75
BZXGJ9	**1.14**	0.98	1.47	**0.38**	1.12	1.71	**0.19**	1.08	1.80
EDR62D	**2.03**	1.90	1.60	**0.49**	1.65	0.93	**-0.12**	-0.56	0.71
J4NJZF	**0.10**	-0.09	0.62	**0.13**	-0.09	1.22	**-0.03**	-0.08	1.28
JBLB7N	**0.27**	0.09	0.40	**0.16**	0.09	0.67	**0.31**	1.70	0.21
WGDABY	**0.09**	-0.10	0.47	**-0.05**	-0.96	0.24	**0.00**	0.08	0.10

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

	SRW1707	SRW1708	SRW1709
Grand Median	0.18	0.15	-0.018
Median Abs Dev	0.48	0.11	0.107
Avg Within Lab SD	0.28	0.14	0.087
Labs Included	6	6	6
Labs Reporting	6	6	6

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Boron (SubTestCode 318) in the Other Property Groups **Data units: mg/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3UZ3DA	**0.059**	0.797	0.312	**0.087**	1.120	0.554	**0.011**	0.095	1.769
4G8ZB8	**0.087**	2.135	1.039	**0.093**	1.538	0.277	**0.020**	0.948	0.000
BWY4VJ	**0.024**	-0.894	0.360	**0.053**	-1.015	0.121			
BZXGJ9	**0.040**	-0.121	0.000	**0.067**	-0.136	0.277			
EDR62D	**0.054**	0.560	0.482	**0.077**	0.510	0.139	**0.003**	-0.670	0.659
J4NJZF	**0.043**	0.040	1.039	**0.063**	-0.345	0.277	**0.010**	0.000	0.000
JBLB7N	**0.028**	-0.696	0.343	**0.051**	-1.093	0.118	**0.010**	0.000	0.000
LCWXX2	**0.020**	-1.101	2.677	**0.066**	-0.193	3.067	**0.040**	2.883	
R2TT88	**0.050**	0.360	0.143	**0.079**	0.659	0.019			
WGDABY	**0.042**	-0.040	0.275	**0.071**	0.136	0.096	**0.009**	-0.126	1.560

Boron (SubTestCode 318) in the Other Property Groups **Data units: mg/L**

	SRW1707	SRW1708	SRW1709
Grand Median	0.043	0.069	0.010
Median Abs Dev	0.013	0.009	0.001
Avg Within Lab SD	0.006	0.021	0.001
Labs Included	10	10	7
Labs Reporting	10	10	7

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PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups **Data units: mg/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JBLB7N	**0.021**		0.918	**0.012**		0.839	**0.005**		1.265
R2TT88	**0.020**		0.035	**0.017**		0.247			
YPCE8R	**0.057**		1.468	**0.106**		1.495	**0.048**		0.632

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups **Data units: mg/L**

	SRW1707	SRW1708	SRW1709
Grand Median	0.021	0.017	0.026
Median Abs Dev			
Avg Within Lab SD	0.001	0.002	0.001
Labs Included	3	3	2
Labs Reporting	3	3	2

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Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups **Data units: mg/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EDR62D	**0.140**		1.728	**0.122**		1.732	**-0.008**		1.730
J4NJZF	**0.010**		0.000	**0.010**		0.000	**0.010**		0.000
WGDABY	**0.017**		0.115	**0.016**		0.029	**0.004**		0.079

Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups **Data units: mg/L**

	SRW1707	SRW1708	SRW1709
Grand Median	0.017	0.016	0.004
Median Abs Dev			
Avg Within Lab SD	0.023	0.035	0.019
Labs Included	3	3	3
Labs Reporting	3	3	3

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Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups **Data units: mg/L**

	SRW1707			SRW1708			SRW1709		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EDR62D	**5.633**		1.000	**-33.533**		1.000	**28.300**		1.000

Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups **Data units: mg/L**

	SRW1707	SRW1708	SRW1709
Grand Median	5.63	-33.533	28.3
Median Abs Dev			
Avg Within Lab SD	35.77	2.055	60.1
Labs Included	1	1	1
Labs Reporting	1	1	1