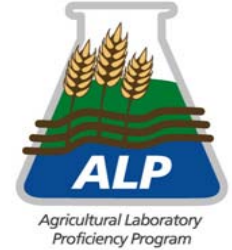


ALP Program

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 - Spring 2024 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Spring 2024 (Cycle 53) was completed in May 2024, with participation by 114 labs from the United States, Canada, Guatemala, Colombia, Ukraine, Portugal, Italy, Ireland, Romania, Dominican Rep, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council



Standard Reference Soils (SRS), materials for the soils program were: SRS-2401 Nora-Crofton complex loam, collected Minnehaha Cty SD; SRS-2402 Hagerstown silt loam Centre Cty PA; SRS-2403 Appling sandy loam collected from Granville Cty NC; SRS-2404 Shano silt loam collected Grant Cty WA; and SRS-2405 a sandy loam collected near Osoyoos, BC, Canada. Standard Reference Botanical (SRB) materials were: SRB-2401 avocado leaf composite from CA; SRB-2402 soybean leaf composite from NE; SRB-2311 grape petiole composite from WA and SRB-2402 spinach leaf composite from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW-2401 collected from a domestic well Alpina, SD; SRW-2402 collected from an irrigation supply Butte, NE; and SRW-2403 collected from a domestic water supply Watertown, WI.

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

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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.

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

Consensus Statistics:

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

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

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

continued on the following page



Discussion of Statistics in ALP Reports

Performance Statistics:

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

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

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

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

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



Key to Data Tables

Laboratory Results

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

Consensus Results

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

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



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	56.4	-0.20	1.04	51.0	3.22	2.48	41.1	2.42	2.22	39.7	1.88	0.24	38.2	2.33	2.26	
2MJBB9	56.6	-0.16	0.00	35.5	-0.24	0.06	33.1	0.00	0.05	33.0	0.03		27.3	-0.40	0.04	
2P9CJH	65.2	1.22	0.00	74.9	8.59X	0.00	78.4	13.66X	0.00	77.2	12.27X	0.00	79.4	12.63X	0.00	
3QWB9Z	58.3	0.12	0.81	35.7	-0.19	0.08	33.7	0.19	0.16	30.5	-0.68	0.05	30.6	0.43	0.16	
3VUPVP	57.5	-0.01		36.3	-0.07		32.6	-0.14		31.3	-0.44		29.8	0.23		
42AU62	80.4	3.66X	1.80	53.1	3.69X	3.61	51.2	5.47X	4.70	53.3	5.66X	4.72	36.3	1.84	1.12	
7KHVRY	56.7	-0.14	0.07	37.7	0.26	0.44	33.6	0.15	0.77	32.3	-0.16	0.61	28.6	-0.07	0.66	
BNZM8H	62.7	0.82	1.95	46.7	2.26	2.61	40.7	2.29	1.84	38.0	1.41	1.54	30.3	0.36	1.51	
EG8LEU	66.3	1.40	0.22	40.3	0.83	0.15	37.5	1.35	0.48	32.5	-0.11	0.55	29.3	0.11	1.71	
F7LWVE	62.3	0.75	0.21	38.2	0.37	0.04	31.8	-0.39	0.05	32.7	-0.05	0.05	30.6	0.42	0.74	
FF9VLK	54.4	-0.51	1.92	36.6	0.00	1.78	31.3	-0.54	0.70	30.4	-0.70	3.00	24.5	-1.10	1.08	
FTHDKE	66.3	1.39	0.51	41.9	1.19	0.20	39.5	1.95	1.73	37.9	1.39	0.55	36.6	1.94	0.87	
J9JG9P	57.7	0.01	0.30	36.3	-0.06	0.21	33.3	0.08	0.46	31.7	-0.34	0.51	28.3	-0.14	0.42	
K782FN	59.5	0.31	0.50	37.9	0.28	0.13	32.6	-0.15	0.38	34.9	0.56	0.22	30.2	0.33	0.28	
L8H7TC	55.7	-0.30		35.5	-0.25		33.2	0.04		37.9	1.38		29.1	0.05		
LFEX27	57.0	-0.09		39.3	0.61	0.21	37.0	1.18		35.0	0.58		28.7	-0.05	0.42	
M3K2CD	51.2	-1.03	1.55	31.9	-1.06	0.31	27.8	-1.60	1.08	28.5	-1.22	0.36	25.7	-0.79	1.49	
NLRTU7	53.7	-0.62	0.42	35.3	-0.29	0.58	32.7	-0.10	0.60	30.4	-0.70	0.72	24.6	-1.06	0.54	
TXURR9	44.3	-2.14	2.08	35.4	-0.26	0.06	34.3	0.37	0.56	32.9	0.00	0.89	25.3	-0.90	0.33	
UYYPDA	64.7	1.14		36.5	-0.02		32.6	-0.14		35.0	0.58		32.4	0.88		
VKWEAZ	63.3	0.92		41.6	1.12		31.9	-0.35		36.2	0.91		27.6	-0.32		
VRW3YE	62.0	0.71	0.36	42.7	1.38	0.06	32.7	-0.11	0.42	35.4	0.68	0.76	26.8	-0.51	0.53	
WD9E68	52.3	-0.84	0.30	35.7	-0.21	0.21	31.0	-0.62		31.7	-0.34	0.51	26.7	-0.55	0.42	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	57.6	36.6	33.1	32.9	28.9	
Median Abs Dev	4.1	1.3	1.2	2.1	1.7	
Avg Within Lab SD	1.9	2.7	1.3	1.1	1.4	
Labs Included	22	21	21	21	22	
Labs Reporting	23	23	23	23	23	



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pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			Unit	Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	4.98	-0.51	0.82	5.91	-2.40	4.38	5.94	-0.23	0.29	6.99	-0.14	0.50	7.31	-0.62	1.07		
2MJBB9	5.15	0.09	0.17	6.56	0.08	0.03	5.89	-0.42	0.07	7.05	0.18	0.25	7.51	0.32	0.17		
2P9CJH	5.27	0.50	0.00	6.74	0.75	0.00	6.16	0.53	0.00	7.12	0.53	0.00	7.55	0.53	0.00		
3VUPVP	4.80	-1.13		5.90	-2.45		5.70	-1.08		6.70	-1.70		7.10	-1.59			
42AU62	5.33	0.71	0.85	6.70	0.60	0.54	6.03	0.09	0.72	7.20	0.95	0.00	7.60	0.76	0.00		
7KHVRY	4.83	-1.01	1.41	6.34	-0.76	0.66	5.85	-0.54	3.05	7.02	-0.02	1.38	7.24	-0.95	0.37		
BNZM8H	5.77	2.21	1.47	6.88	1.30	0.54	6.57	1.96	1.51	7.00	-0.09	0.91	7.55	0.51	0.90		
EG8LEU	4.97	-0.53	0.52	6.57	0.11	0.20	6.14	0.45	0.26	7.20	0.97	0.38	7.32	-0.54	0.70		
F7LWVE	5.28	0.53	0.15	6.66	0.43	0.12	6.15	0.48	0.19	7.09	0.35	0.25	7.45	0.04	0.48		
FB36JE	5.10	-0.08	0.73	6.38	-0.64	0.50	5.92	-0.31	0.33	6.81	-1.13	1.88	7.35	-0.43	0.45		
FF9VLK	5.35	0.76	1.10	6.69	0.55	0.35	6.31	1.06	1.79	7.21	1.01	0.44	7.50	0.29	0.30		
FKP3AJ	5.47	1.18	0.81	6.72	0.66	0.22	6.21	0.70	0.43	7.32	1.61	1.77	7.68	1.15	1.30		
FTHDKE	5.24	0.40	0.22	6.67	0.48	0.14	6.10	0.31	0.38	7.19	0.90	0.33	7.50	0.27	0.96		
J9JG9P	5.09	-0.13	0.76	6.49	-0.22	0.06	6.08	0.24	1.04	6.99	-0.14	0.53	7.43	-0.04	0.65		
K782FN	5.39	0.90	2.85	6.80	0.98	0.79	6.37	1.25	1.89	7.11	0.49	0.67	7.49	0.24	2.50		
KNPZM8	5.12	-0.02	0.14	6.48	-0.23	0.11	5.95	-0.20	0.06	7.00	-0.08	0.03	7.54	0.46	0.19		
L8H7TC	5.26	0.46		6.47	-0.28		6.32	1.09		6.94	-0.42		7.28	-0.75			
LFEX27	5.12	-0.01	0.37	6.43	-0.42	0.08	5.89	-0.41	0.45	7.02	0.00	0.44	7.42	-0.09	0.39		
M3K2CD	4.88	-0.85	1.95	6.26	-1.07	0.68	5.83	-0.63	0.92	6.81	-1.11	1.44	7.26	-0.86	2.72		
NLRTU7	5.07	-0.20	0.15	6.39	-0.57	0.22	5.86	-0.53	0.19	6.87	-0.80	0.17	7.30	-0.64	0.48		
NUMVW G	5.25	0.44	0.93	6.58	0.14	0.19	5.98	-0.09	0.52	7.05	0.14	0.50	7.54	0.49	0.37		
PHP8HT	7.41	7.90X		7.67	4.29X		7.57	5.45X		7.33	1.64		7.61	0.81			
TXURR9	4.20	-3.21	0.00	5.27	-4.86X	0.31	5.20	-2.82	0.00	6.20	-4.35X	0.00	7.17	-1.28	0.86		
UYYPDA	4.90	-0.78		6.30	-0.93		5.90	-0.38		6.90	-0.64		7.30	-0.65			
VKWFAZ	5.13	0.01		6.65	0.41		6.08	0.25		7.06	0.21		7.51	0.34			



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pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VRW3YE	4.97	-0.54	0.00	6.47	-0.29	0.08	5.84	-0.60	0.19	7.09	0.35	0.25	7.53	0.43	0.15	
WD9E68	4.87	-0.88	0.73	6.17	-1.41	0.40	5.84	-0.58	1.11	6.79	-1.20	2.51	7.24	-0.92	0.96	
XKMN79	5.36	0.80	1.23	6.54	0.00	0.97	6.28	0.95	0.45	7.40	2.03	1.73	7.72	1.34	1.12	
YCBNCX	5.13	0.01	0.29	6.56	0.08	0.06	6.21	0.72	0.79	6.94	-0.44	0.42	7.15	-1.36	0.83	
ZRFFR8	6.00	3.02X		7.45	3.45X		7.05	3.63X		6.97	-0.27		7.11	-1.55		

pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	5.13			6.54			6.01			7.02			7.44			
Median Abs Dev	0.15			0.14			0.15			0.09			0.12			
Avg Within Lab SD	0.07			0.19			0.08			0.06			0.07			
Labs Included	28			27			28			29			30			
Labs Reporting	30			30			30			30			30			



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PO4 - sp (SubTestCode 1021) in the Salinity Property Groups													Data units: mg/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
42AU62	0.62		1.24	0.31		1.01	0.82		1.63	1.41		0.92	2.37		1.33
FF9VLK	0.59		1.20	0.39		1.18	0.79		0.57	2.61		1.40	3.25		0.28
KNPZM8	0.06		0.15	0.59		0.76	0.07		0.11	1.80		0.42	1.94		1.07
PO4 - sp (SubTestCode 1021) in the Salinity Property Groups													Data units: mg/L		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	0.59			0.39			0.79			1.80			2.37		
Median Abs Dev															
Avg Within Lab SD	0.08			0.10			0.13			0.12			0.13		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	0.38	0.00	0.38	0.45	-0.63	2.29	0.50	-0.50	0.91	2.73	-1.09	1.27	0.47	-1.08	1.10		
2MJBB9	0.41	0.29	0.37	0.59	0.37	0.18	0.51	-0.41	0.56	3.58	0.48	0.13	0.53	-0.55	0.21		
2P9CJH	0.46	0.91	0.00	0.59	0.38	0.00	0.67	0.70	0.00	3.56	0.44	0.00	0.65	0.49	0.00		
3QWB9Z	0.42	0.39	0.79	0.58	0.32	0.16	0.73	1.19	0.09	3.96	1.18	0.08	0.77	1.58	0.09		
42AU62	0.32	-0.67	0.32	0.37	-1.25	1.01	0.37	-1.43	0.92	2.14	-2.19	1.58	0.43	-1.37	1.03		
7KHVRY	0.35	-0.30	1.46	0.48	-0.39	0.36	0.73	1.15	0.94	3.55	0.42	0.67	0.77	1.55	2.38		
BNZM8H	0.39	0.15	0.67	0.54	0.00	2.21	0.57	-0.02	1.38	3.25	-0.13	0.37	0.59	0.03	0.21		
EG8LEU	0.34	-0.43	1.56	0.40	-1.03	0.79	0.41	-1.13	0.87	2.36	-1.78	0.85	0.38	-1.83	2.37		
F7LWVE	0.30	-0.88	0.09	0.61	0.54	0.02	0.77	1.42	0.17	3.77	0.82	0.12	0.67	0.67	0.07		
FB36JE	0.44	0.63	0.19	0.66	0.93	0.18	0.69	0.90	0.21	3.87	1.01	0.45	0.63	0.32	0.21		
FF9VLK	0.27	-1.20	1.58	0.53	-0.05	1.95	0.52	-0.33	3.70	2.79	-0.98	3.58	0.60	0.11	2.80		
FKP3AJ	0.41	0.37	0.87	0.52	-0.13	0.34	0.41	-1.20	0.33	3.30	-0.03	1.10	0.49	-0.88	0.24		
FTHDKE	0.37	-0.15	0.45	0.56	0.21	0.52	0.59	0.15	0.49	3.18	-0.26	0.41	0.48	-0.99	0.33		
J9JG9P	0.38	0.00	1.12	0.53	-0.02	0.91	0.70	0.95	0.37	3.42	0.18	0.28	0.63	0.38	0.21		
K782FN	0.20	-1.97	3.00	0.38	-1.18	1.85	0.41	-1.19	0.42	2.84	-0.89	0.41	0.44	-1.31	0.00		
KNPZM8	0.36	-0.20	0.01	0.51	-0.16	0.04	0.44	-0.97	0.06	2.92	-0.73	0.05	0.53	-0.53	0.01		
L8H7TC	0.48	1.11		0.21	-2.40		0.57	0.00		2.61	-1.31		0.69	0.88			
LFEX27	0.41	0.37	0.19	0.59	0.37	0.18	0.52	-0.34	0.21	3.34	0.03	0.43	0.52	-0.58	0.21		
M3K2CD	0.43	0.57	1.45	0.64	0.74	1.01	0.62	0.39	1.05	3.57	0.47	1.03	0.57	-0.20	0.75		
NLRTU7	0.20	-2.04	0.21	0.34	-1.42	0.06	0.65	0.57	0.11	3.85	0.97	0.39	0.63	0.36	0.07		
NUMVW G	0.38	-0.04	0.75	0.56	0.15	1.11	0.53	-0.32	0.84	3.12	-0.37	0.21	0.50	-0.82	0.75		
PHP8HT	0.22	-1.76		0.38	-1.19		0.73	1.18		3.69	0.68		0.51	-0.68			
TXURR9	0.45	0.74	1.14	0.63	0.66	0.18	0.53	-0.29	0.00	3.74	0.77	1.16	0.59	0.00	0.72		
UYYPDA	0.43	0.60		0.55	0.08		0.62	0.33		3.02	-0.56		0.61	0.18			
VKWFAZ	0.42	0.44		0.58	0.34		0.73	1.18		3.48	0.29		0.63	0.32			



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
VRW3YE	0.40	0.23	0.23	0.57	0.26	0.77	0.59	0.12	0.53	3.29	-0.05	0.38	0.55	-0.32	0.50		
WD9E68	0.46	0.89	0.32	0.64	0.78	0.48	0.62	0.39	1.12	3.63	0.58	0.73	0.59	0.03	0.41		
XKMN79	140.67	559.06X	863.90	266.33	955.41X	084.35	149.20	080.56X	251.12	660.00	214.06X	155.69	107.67	937.07X	144.68		
YCBNCX	0.23	-1.69	0.11	0.34	-1.48	0.59	0.48	-0.62	0.79	3.23	-0.17	0.64	0.50	-0.80	0.38		
ZRFFR8	0.33	-0.56		0.25	-2.11		0.54	-0.22		0.23	-5.72X		0.67	0.70			

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
Grand Median	0.38			0.54			0.57			3.32			0.59				
Median Abs Dev	0.05			0.05			0.08			0.31			0.07				
Avg Within Lab SD	0.03			0.03			0.03			0.13			0.03				
Labs Included	29			29			29			28			29				
Labs Reporting	30			30			30			30			30				



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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.36	0.18	2.07	0.63	0.00	2.55	2.09	-0.09	2.65	1.02	0.74	1.56	1.05	0.00	2.47	
2MJBB9	0.40	0.37	0.00	0.80	0.26	0.00	2.40	0.17	0.00	0.80	0.25	0.00	1.00	-0.05		
2P9CJH	0.19	-0.67	0.00	0.15	-0.76	0.00	0.42	-1.51	0.00	0.20	-1.05	0.00	0.33	-0.75	0.00	
3QWB9Z	1.09	3.74X	0.42	1.54	1.41	0.28	4.34	1.80	0.62	1.23	1.18	0.85	2.28	1.27	0.55	
42AU62	0.29	-0.18	1.17	0.32	-0.49	0.50	0.69	-1.28	0.65	0.50	-0.40	0.62	0.77	-0.29	0.41	
FB36JE	0.20	-0.62	0.26	0.39	-0.38	0.25	2.46	0.22	0.20	0.49	-0.43	0.13	0.80	-0.26	0.15	
FF9VLK	0.73	2.00	1.20	1.53	1.40	1.94	2.20	0.00	1.51	1.72	2.26	2.60	2.69	1.69	1.66	
J9JG9P	0.47	0.70	1.31	1.13	0.78	0.58	1.93	-0.23	0.61	1.13	0.98	0.81	1.93	0.91	0.70	
PHP8HT	2.50	10.70X		1.25	0.96		3.75	1.31		2.50	3.94X		2.50	1.50		
TXURR9	0.20	-0.61	0.34	0.29	-0.53	0.05	2.22	0.01	0.24	0.48	-0.45	0.04	0.53	-0.54	0.08	
WD9E68	0.40	0.36	0.13	0.51	-0.20	0.08	2.28	0.06	0.64	0.58	-0.22	0.16	1.00	-0.05	0.30	
XPXC76				1.44	1.26	0.11	0.76	-1.22	0.01	0.72	0.07	0.04	1.94	0.92	0.20	
ZRFFR8	0.11	-1.05		0.43	-0.32		1.16	-0.88		0.65	-0.07		1.56	0.53		

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	0.32			0.63			2.20			0.68			1.05			
Median Abs Dev	0.12			0.34			0.27			0.20			0.52			
Avg Within Lab SD	0.09			0.20			0.38			0.14			0.33			
Labs Included	10			13			13			12			13			
Labs Reporting	12			13			13			13			13			



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K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	0.14	-0.18	0.32	0.14	-0.24	0.25	0.78	-0.24	0.64	3.68	0.53	0.39	0.97	-0.05	0.33	
2P9CJH	0.02	-3.57X	0.00	0.02	-3.87X	0.00	0.10	-2.25	0.00	0.36	-3.53X	0.00	0.12	-4.40X	0.00	
3QWB9Z	0.19	1.01	0.46	0.19	1.04	0.26	1.12	0.76	0.07	4.99	2.13	0.70	1.30	1.63	0.92	
42AU62	0.20	1.36	1.48	0.15	0.05	1.42	0.58	-0.83	0.44	2.33	-1.12	0.82	0.81	-0.88	0.44	
BNZM8H	0.10	-1.36	0.00	0.17	0.43	2.55	0.77	-0.29	0.88	2.57	-0.84	0.38	0.90	-0.40	1.26	
EG8LEU	0.12	-0.81	1.00	0.11	-1.18	0.15	0.57	-0.86	0.32	2.55	-0.86	0.37	0.59	-1.97	1.96	
F7LWVE				0.13	-0.62	0.00	1.14	0.81	0.64	3.72	0.57	0.64	1.18	1.01	0.29	
FB36JE	0.17	0.54	0.00	0.17	0.53	0.00	1.16	0.88	0.15	4.24	1.21	0.13	1.24	1.31	0.19	
FF9VLK	0.15	-0.09	2.64	0.19	1.20	2.26	0.86	-0.01	2.22	3.07	-0.22	2.43	1.07	0.48	1.27	
FTHDKE	0.08	-1.95	0.24	0.09	-1.76	0.11	1.00	0.40	1.29	3.83	0.71	0.66	0.82	-0.81	1.63	
J9JG9P	0.15	0.09	0.85	0.16	0.34	0.25	1.12	0.76	0.40	3.90	0.79	0.10	1.24	1.31	0.07	
KNPZM8	0.13	-0.45	0.17	0.12	-0.85	0.37	0.56	-0.89	0.70	2.88	-0.45	0.74	0.98	-0.02	0.18	
L8H7TC	0.16	0.27		0.24	2.54		0.60	-0.78		2.52	-0.89		1.05	0.36		
LFEX27	0.15	-0.12	0.22	0.14	-0.25	0.24	0.92	0.18	0.14	3.48	0.28	0.46	0.98	0.00	0.19	
M3K2CD	0.16	0.27	0.56	0.16	0.24	0.44	0.86	0.00	0.87	3.25	0.00	1.35	0.95	-0.17	0.38	
NUMVW G	0.16	0.18	1.80	0.15	-0.05	1.32	0.86	0.00	2.61	3.54	0.35	2.16	0.98	-0.01	2.16	
PHP8HT	0.21	1.58		0.16	0.37		0.05	-2.41		0.04	-3.93X		0.05	-4.76X		
TXURR9	0.11	-1.18	0.32	0.14	-0.34	0.00	0.77	-0.27	0.09	2.93	-0.39	0.13	0.83	-0.76	0.25	
VKWEAZ	0.15	0.00		0.15	-0.05		1.20	1.00		3.81	0.68		1.18	1.02		
WD9E68	0.20	1.36	0.00	0.20	1.39	0.00	0.91	0.14	0.53	3.23	-0.02	0.57	1.05	0.35	0.21	
ZRFFR8	0.15	0.00		0.15	-0.05		1.00	0.41		2.63	-0.76		1.03	0.26		



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K - sp (SubTestCode 105) in the Salinity Property Groups						Data units: mmolc/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.15	0.15	0.86	3.25	0.98	
Median Abs Dev	0.02	0.01	0.26	0.56	0.09	
Avg Within Lab SD	0.02	0.02	0.07	0.15	0.08	
Labs Included	19	20	21	19	19	
Labs Reporting	20	21	21	21	21	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	1.81	-0.24	2.79	3.41	-0.46	1.40	1.39	-0.20	0.68	11.17	-0.72	0.62	2.40	-0.36	1.70	
2MJBB9	2.58	0.89	0.45	4.88	0.69	0.26	2.32	1.13	1.52	17.23	0.77	0.20	3.10	0.32	0.14	
2P9CJH	0.28	-2.47	0.00	0.44	-2.79	0.00	0.22	-1.87	0.00	1.60	-3.08X	0.00	0.38	-2.34	0.00	
3QWB9Z	2.24	0.40	0.18	4.38	0.29	0.10	1.95	0.59	0.05	17.97	0.95	0.07	3.65	0.87	0.35	
42AU62	1.55	-0.61	0.71	2.16	-1.45	1.32	0.80	-1.05	0.47	7.80	-1.55	1.18	1.90	-0.86	0.96	
BNZM8H	1.73	-0.34	0.61	3.12	-0.69	1.98	1.12	-0.59	0.91	11.07	-0.75	0.49	2.32	-0.44	0.58	
EG8LEU	1.58	-0.56	1.85	2.52	-1.17	0.47	1.23	-0.44	0.74	10.25	-0.95	0.61	1.64	-1.11	2.41	
F7LWVE	2.11	0.21	0.41	4.16	0.12	0.39	2.36	1.18	0.51	17.70	0.88	0.46	3.53	0.75	0.17	
FB36JE	1.17	-1.17	0.08	4.87	0.68	0.24	0.96	-0.82	0.04	8.35	-1.42	0.13	1.63	-1.12	0.19	
FF9VLK	1.58	-0.57	1.36	3.93	-0.06	0.97	1.51	-0.03	2.87	11.47	-0.65	2.94	3.42	0.64	1.63	
FTHDKE	1.99	0.03	0.37	4.32	0.25	0.01	1.68	0.21	0.43	13.94	-0.04	0.30	2.49	-0.28	0.50	
J9JG9P	2.23	0.39	0.34	3.93	-0.06	0.57	2.53	1.43	0.42	15.60	0.37	0.22	3.70	0.91	0.97	
K782FN	1.79	-0.26	1.15	3.57	-0.34	2.86	1.85	0.45	1.07	14.17	0.01	0.52	3.30	0.52	1.59	
KNPZM8	1.77	-0.29	0.38	3.62	-0.30	0.36	1.33	-0.30	0.25	12.51	-0.39	1.57	2.77	0.00	0.78	
L8H7TC	2.91	1.38		15.00	8.61X		3.05	2.16		18.00	0.96		4.15	1.35		
LFEX27	2.15	0.27	0.10	4.13	0.10	0.27	1.48	-0.07	0.25	13.35	-0.19	0.34	2.55	-0.21	0.26	
M3K2CD	2.20	0.35	0.83	4.08	0.06	0.41	1.74	0.30	0.77	14.50	0.10	1.15	2.79	0.02	0.62	
NUMVWG	2.13	0.24	0.45	4.11	0.08	1.06	1.65	0.17	1.45	14.05	-0.01	1.17	2.81	0.04	1.32	
PHP8HT	1.24	-1.07		2.62	-1.08		2.07	0.76		14.95	0.21		2.14	-0.62		
TXURR9	2.58	0.90	1.44	4.98	0.77	0.13	1.43	-0.15	0.00	16.71	0.64	0.90	3.06	0.28	0.48	
UYYPDA	0.88	-1.59		1.62	-1.87		0.74	-1.13		6.13	-1.96		1.26	-1.48		
VKWEAZ	2.32	0.52		4.26	0.20		2.17	0.91		14.55	0.11		3.33	0.55		
VRW3YE	1.97	0.00	0.90	4.13	0.10	0.43	1.53	0.00	1.11	14.80	0.17	0.81	2.50	-0.27	0.56	
WD9E68	2.37	0.59	0.34	4.51	0.39	0.86	1.70	0.24	1.25	14.97	0.21	0.73	3.16	0.38	0.32	
ZRFFR8	0.93	-1.52		1.20	-2.20		1.04	-0.70		5.25	-2.18		1.60	-1.15		



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	1.97	4.01	1.53	14.1	2.77	
Median Abs Dev	0.35	0.47	0.41	2.6	0.56	
Avg Within Lab SD	0.17	0.27	0.14	0.8	0.18	
Labs Included	25	24	25	24	25	
Labs Reporting	25	25	25	25	25	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	1.08	-0.35	2.47	0.83	-0.29	0.76	1.07	-0.12	0.17	5.30	-0.84	0.49	1.12	-0.47	1.17
2MJBB9	1.41	0.75	0.42	1.25	1.86	0.53	1.26	0.33	0.40	7.78	0.63	0.15	1.34	0.12	0.18
2P9CJH	0.17	-3.35X	0.00	0.10	-4.01X	0.00	0.15	-2.26	0.00	0.78	-3.52X	0.00	0.17	-2.97X	0.00
3QWB9Z	1.37	0.62	0.04	0.94	0.27	0.00	1.57	1.04	0.24	7.64	0.55	0.14	1.71	1.08	0.32
42AU62	1.17	-0.05	0.69	0.80	-0.46	1.78	0.64	-1.11	0.50	4.52	-1.30	1.20	1.06	-0.63	0.93
BNZM8H	1.17	-0.06	0.63	0.87	-0.12	1.96	1.00	-0.28	1.05	5.73	-0.58	0.39	1.27	-0.08	0.69
EG8LEU	0.89	-0.98	1.21	0.68	-1.08	0.62	0.78	-0.80	0.42	4.78	-1.15	0.49	0.79	-1.34	2.08
F7LWVE	1.26	0.26	0.39	0.93	0.21	0.26	1.71	1.38	0.63	7.65	0.55	0.58	1.63	0.88	0.32
FB36JE	0.69	-1.63	0.06	0.93	0.22	0.07	0.73	-0.91	0.11	7.68	0.57	0.20	0.70	-1.58	0.12
FF9VLK	0.94	-0.82	1.74	0.88	-0.07	1.09	1.12	0.00	2.79	5.41	-0.77	3.61	1.50	0.53	2.21
FTHDKE	1.15	-0.11	0.51	0.85	-0.20	0.15	1.32	0.46	0.37	6.40	-0.19	0.17	1.10	-0.53	0.44
J9JG9P	1.33	0.49	1.27	0.97	0.39	0.74	1.70	1.35	1.05	7.40	0.40	0.44	1.67	0.97	1.38
K782FN	1.14	-0.15	1.43	0.79	-0.50	2.54	1.06	-0.13	1.32	6.96	0.14	0.40	1.56	0.70	0.97
KNPZM8	1.07	-0.37	0.17	0.76	-0.64	0.32	0.94	-0.43	0.71	5.80	-0.54	0.49	1.03	-0.72	0.71
L8H7TC	1.20	0.05		1.21	1.63		1.02	-0.23		5.35	-0.81		1.46	0.43	
LFEX27	1.40	0.70	0.16	0.98	0.45	0.19	1.17	0.11	0.07	6.65	-0.04	0.43	1.33	0.07	0.19
M3K2CD	1.31	0.40	0.64	0.91	0.12	0.39	1.21	0.21	1.32	6.85	0.08	0.68	1.27	-0.07	0.86
NUMVW G	1.20	0.06	0.51	0.87	-0.08	0.59	1.12	0.01	1.29	6.03	-0.40	0.85	1.18	-0.32	1.10
PHP8HT	0.82	-1.21		0.75	-0.71		1.72	1.41		7.46	0.44		1.66	0.95	
TXURR9	1.64	1.50	0.99	1.04	0.75	0.07	1.24	0.28	0.11	8.15	0.85	0.90	1.52	0.58	0.66
UYYPDA	0.63	-1.83		0.44	-2.29		0.60	-1.21		3.01	-2.20		0.63	-1.76	
VKWEAZ	1.44	0.84		0.93	0.21		1.80	1.59		7.53	0.48		1.50	0.53	
VRW3YE	1.23	0.16	1.27	1.00	0.56	1.28	1.07	-0.12	1.61	6.87	0.09	0.53	1.23	-0.17	0.69
WD9E68	1.40	0.71	0.00	0.90	0.07	0.38	1.24	0.28	0.73	6.79	0.04	0.66	1.36	0.15	0.60
ZRFFR8	0.55	-2.10		0.30	-3.01		0.78	-0.79		2.44	-2.53		0.72	-1.52	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	1.19	0.89	1.12	6.72	1.30	
Median Abs Dev	0.17	0.08	0.18	0.93	0.21	
Avg Within Lab SD	0.09	0.08	0.09	0.40	0.08	
Labs Included	24	24	25	24	24	
Labs Reporting	25	25	25	25	25	



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.54	3.41	3.34	0.39	1.98	1.99	1.93	0.69	1.41	7.89	-0.16	0.92	0.71	1.71	0.89	
2MJBB9	0.13	-0.30	0.00	0.12	-0.32	0.14	1.77	0.21	0.46	9.56	0.79	0.06	0.42	-0.46	0.04	
2P9CJH	0.03	-1.22	0.00	0.03	-1.17	0.00	0.21	-4.37X	0.00	0.91	-4.16X	0.00	0.07	-3.10X	0.00	
3QWB9Z	0.26	0.84	0.00	0.19	0.24	0.23	2.07	1.08	0.12	10.11	1.11	0.28	0.76	2.08	3.53	
42AU62	0.18	0.15	0.22	0.19	0.23	1.17	1.25	-1.30	1.03	5.35	-1.62	0.98	0.45	-0.24	0.50	
BNZM8H	0.35	1.65	0.97	0.30	1.25	1.88	1.80	0.30	1.71	7.25	-0.53	0.52	0.74	1.92	0.58	
EG8LEU	0.65	4.36X	0.53	0.47	2.66	0.47	1.46	-0.70	0.78	6.36	-1.04	0.90	0.65	1.26	1.18	
F7LWVE							2.25	1.61	0.56	9.67	0.85	0.70	0.48	-0.06	0.08	
FB36JE	0.12	-0.39	0.00				1.96	0.77	0.16	9.90	0.99	0.22	0.46	-0.21	0.08	
FF9VLK	0.14	-0.18	0.47	0.16	-0.03	0.63	1.44	-0.76	2.05	7.05	-0.65	2.43	0.44	-0.36	0.73	
FTHDKE							1.65	-0.13	1.05	9.36	0.68	0.38	0.26	-1.67	0.11	
J9JG9P	0.20	0.33	0.00	0.20	0.34	0.00	1.73	0.11	0.46	7.47	-0.41	0.17	0.50	0.12		
K782FN	0.10	-0.59	0.09	0.04	-1.05	0.75	1.58	-0.35	0.67	8.57	0.23	0.63	0.43	-0.43	0.96	
KNPZM8	0.19	0.21	0.05	0.13	-0.22	0.27	1.09	-1.79	0.94	7.39	-0.45	0.20	0.43	-0.44	0.04	
L8H7TC	0.26	0.87		0.39	1.99		1.27	-1.25		5.68	-1.43		0.57	0.64		
LFEX27	0.16	-0.04	0.09	0.16	0.01	0.46	1.77	0.21	0.15	8.35	0.10	0.47	0.49	0.03	0.79	
M3K2CD	0.16	0.00	1.69	0.16	-0.01	1.94	1.63	-0.21	1.34	8.00	-0.10	0.47	0.43	-0.44	0.20	
NUMVW G	0.16	-0.06	0.52	0.15	-0.12	1.65	1.61	-0.25	1.74	8.10	-0.04	2.38	0.46	-0.16	0.38	
PHP8HT	0.27	0.92		0.14	-0.20		1.99	0.86		11.95	2.16		0.61	0.95		
TXURR9	0.15	-0.12	0.67	0.09	-0.61	0.00	1.86	0.47	0.05	9.58	0.80	1.23	0.48	-0.03	0.40	
UYYPDA	0.35	1.67		0.20	0.34		1.58	-0.34		7.66	-0.30		0.51	0.19		
VKWEAZ	0.14	-0.21		0.10	-0.53		2.15	1.33		8.70	0.30		0.49	0.04		
VRW3YE				0.25	0.78	0.25	2.07	1.10	0.24	8.65	0.27	0.84	0.70	1.60	0.54	
WD9E68	0.12	-0.42	0.18	0.12	-0.34	0.11	1.61	-0.25	0.31	8.25	0.04	0.82	0.40	-0.64	0.09	
ZRFFR8	0.23	0.60		0.21	0.43		1.66	-0.11		6.21	-1.13		0.55	0.49		



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.16	0.16	1.70	8.18	0.48	
Median Abs Dev	0.04	0.04	0.20	1.03	0.06	
Avg Within Lab SD	0.04	0.04	0.13	0.34	0.08	
Labs Included	21	22	24	24	24	
Labs Reporting	22	22	25	25	25	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	0.46	2.41	2.45	0.28	1.54	2.65	1.74	0.98	1.81	2.75	0.30	0.91	0.54	1.42	0.98		
2MJBB9							1.33	-0.37	0.58	2.70	0.23	0.00	0.30	-0.16	0.00		
2P9CJH	0.34	1.46	0.00	0.31	1.85	0.00	1.04	-1.33	0.00	0.88	-2.18	0.00	0.52	1.28	0.00		
3QWB9Z	0.19	0.21	0.02	0.12	0.02	0.20	1.56	0.37	0.05	2.82	0.39	0.43	0.46	0.94	3.59		
42AU62	0.20	0.25	1.75	0.15	0.32	0.40	1.33	-0.39	1.98	2.19	-0.45	0.69	0.38	0.38	1.03		
BNZM8H	0.29	1.05	0.60	0.22	0.98	1.43	1.75	1.02	1.60	2.50	-0.04	0.73	0.55	1.53	0.79		
EG8LEU	0.62	3.74X	0.38	0.37	2.41	0.21	1.46	0.03	0.65	2.32	-0.27	1.02	0.59	1.80	0.29		
F7LWVE							1.51	0.22	0.12	2.73	0.27	0.55	0.28	-0.29	0.00		
FB36JE							1.51	0.21	0.10	2.83	0.40	0.33	0.30	-0.16	0.00		
FF9VLK	0.13	-0.33	0.23	0.10	-0.09	0.40	1.25	-0.64	0.68	2.44	-0.12	0.64	0.27	-0.38	0.47		
J9JG9P	0.17	0.00	1.13	0.10	-0.12	0.00	1.20	-0.81	1.01	2.20	-0.43	0.00	0.30	-0.16	0.00		
L8H7TC	0.14	-0.22		0.11	-0.02		0.70	-2.46		1.30	-1.62		0.27	-0.36			
LFEX27	0.12	-0.39	0.00	0.10	-0.12	0.34	1.54	0.31	0.00	2.64	0.15	0.51	0.31	-0.11	0.90		
M3K2CD	0.12	-0.39	1.03	0.10	-0.12	1.50	1.34	-0.35	1.09	2.45	-0.11	0.88	0.30	-0.16	0.00		
NUMVWG	0.12	-0.39	0.34	0.09	-0.18	1.43	1.36	-0.27	1.06	2.56	0.04	2.81	0.33	0.02	0.13		
PHP8HT	0.26	0.80		0.11	-0.06		1.45	0.00		3.57	1.38		0.44	0.80			
TXURR9	0.10	-0.53	0.30	0.29	1.67	0.34	2.22	2.56	0.90	0.48	-2.71	0.09	0.53	1.36	0.56		
UYYPDA	0.29	1.02		0.14	0.26		1.38	-0.22		2.55	0.03		0.37	0.31			
VKWFAZ	0.10	-0.55					1.53	0.28		2.62	0.12		0.32	-0.02			
VRW3YE				0.03	-0.77	0.00	0.31	-3.74X	0.15	0.46	-2.73	0.33	0.09	-1.56	0.00		
WD9E68	0.09	-0.60	0.11	0.08	-0.32	0.10	1.33	-0.37	0.93	2.50	-0.03	2.02	0.26	-0.41	0.04		
ZRFFR8	0.27	0.86		0.25	1.29		1.74	0.97		3.17	0.85		0.51	1.24			



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SAR - sp (SubTestCode 109) in the Salinity Property Groups						Data units: value
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.17	0.11	1.45	2.53	0.32	
Median Abs Dev	0.06	0.03	0.11	0.22	0.06	
Avg Within Lab SD	0.05	0.03	0.10	0.06	0.04	
Labs Included	17	18	21	22	22	
Labs Reporting	18	18	22	22	22	



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CI - sp (SubTestCode 110) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	0.41	1.96	2.77	0.39	1.78	1.98	0.47	0.24	0.98	2.35	-2.52	1.48	0.40	1.80	1.58		
2MJBB9	0.18	0.19	0.14	0.19	0.08	0.14	0.51	0.56	0.09	4.43	0.35	0.10	0.11	-0.72	0.00		
2P9CJH	0.01	-1.10	0.00	0.02	-1.46	0.00	0.01	-2.93X	0.00	0.44	-5.16X	0.00	0.01	-1.63	0.00		
3QWB9Z	0.22	0.55	0.00	0.21	0.26	0.07	0.64	1.44	0.03	5.10	1.29	0.32	0.32	1.06	0.29		
42AU62	11.93	89.77X	27.28	11.83	101.59X	122.43	15.68	106.38X	18.66	100.33	132.96X	95.92	11.37	96.87X	66.06		
7KHVRY	0.57	3.21	0.07	0.50	2.71	0.12	0.70	1.82	0.08	4.85	0.93	0.28	0.39	1.66	0.10		
BNZM8H	0.10	-0.39	0.00	0.20	0.14	2.35	0.40	-0.23	0.00	4.30	0.18	0.00	0.27	0.64	1.11		
EG8LEU	0.26	0.79	0.68	0.17	-0.14	0.21	0.36	-0.52	0.14	3.56	-0.85	1.08	0.14	-0.42	0.20		
FB36JE							0.39	-0.33	0.09	4.75	0.80	0.20					
FF9VLK	0.15	-0.01	1.07	0.20	0.14	1.47	0.39	-0.33	1.09	3.09	-1.50	3.11	0.18	-0.12	0.33		
FTHDKE	0.40	1.86	0.16	0.35	1.48	1.36	0.61	1.25	0.44	4.17	-0.01	0.69	0.39	1.68	0.31		
J9JG9P	0.10	-0.42	1.77	0.16	-0.24	0.95	0.61	1.21	1.61	5.15	1.35	1.49	0.26	0.61	0.68		
K782FN	0.19	0.29	1.91	0.16	-0.21	0.00	0.41	-0.14	2.33	4.38	0.29	0.81	0.19	0.00	0.68		
KNPZM8	0.10	-0.38	0.73	0.08	-0.90	0.36	0.42	-0.07	0.33	3.67	-0.70	0.58	0.19	-0.01	0.30		
L7PA4J	0.15	-0.01	0.42	0.17	-0.13	0.00	0.40	-0.23	0.28	4.17	0.00	0.14	0.15	-0.38	0.33		
LFEX27	0.15	-0.04	0.05	0.17	-0.09	0.36	0.35	-0.62	0.09	3.76	-0.57	0.47	0.19	0.01	0.74		
M3K2CD	0.24	0.70	0.99	0.28	0.86	1.78	0.58	1.04	2.88	4.20	0.04	1.23	0.27	0.69	3.50		
NUMVW G	0.17	0.11	0.93	0.24	0.49	0.24	0.44	0.04	0.28	3.64	-0.74	0.29	0.19	-0.03	0.88		
TXURR9	0.06	-0.67	0.37	0.10	-0.74	0.00	0.42	-0.09	0.16	4.59	0.58	0.67	0.14	-0.49	0.29		
UYYPDA	0.32	1.28		0.34	1.36		0.66	1.58		4.17	0.00		0.40	1.79			
VKWEAZ							0.76	2.28		4.60	0.59						
VRW3YE	0.15	-0.01	0.00				0.47	0.25	0.00	4.18	0.01	0.03	0.18	-0.09	0.11		
WD9E68	0.15	0.00	0.42	0.18	-0.08	0.29	0.43	-0.04	0.10	4.15	-0.03	0.56	0.22	0.22	0.32		
XPXC76	0.88	5.55X	0.73	0.75	4.94X		1.17	5.11X	0.40	3.72	-0.62	0.64	0.57	3.26X	0.19		
ZRFFR8	0.13	-0.17		0.16	-0.21		0.36	-0.51		3.04	-1.57		0.18	-0.12			



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.15	0.18	0.43	4.17	0.19	
Median Abs Dev	0.05	0.03	0.06	0.43	0.06	
Avg Within Lab SD	0.04	0.04	0.06	0.18	0.05	
Labs Included	21	20	22	23	21	
Labs Reporting	23	22	25	25	23	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	0.38	0.75	2.32	0.47	0.42	2.38	0.91	0.02	1.26	2.60	-0.40	0.89	0.95	-0.08	1.41		
2MJBB9	0.35	0.47	0.17	0.43	0.00	0.14	1.07	0.65	0.65	3.57	0.56	0.24	1.14	0.73	0.26		
2P9CJH	0.05	-2.22	0.00	0.06	-3.29X	0.00	0.13	-3.01X	0.00	0.39	-2.61	0.00	0.14	-3.52X	0.00		
3QWB9Z	0.39	0.90	0.08	0.56	1.17	0.24	1.01	0.41	0.52	4.08	1.08	0.23	1.29	1.37	0.94		
42AU62	14.09	126.38X	40.44	14.89	130.27X	64.14	33.46	127.27X	125.79	99.90	96.60X	92.32	37.78	156.30X	25.04		
BNZM8H	0.30	0.04	0.00	0.40	-0.24	2.40	0.90	-0.02	1.87	2.60	-0.40	0.00	1.00	0.14	1.49		
EG8LEU	0.37	0.72	1.68	0.27	-1.40	0.67	0.67	-0.91	0.04	2.24	-0.76	1.06	0.45	-2.19	0.68		
F7LWVE	0.34	0.41	0.29	0.49	0.57	0.63	1.30	1.55	0.49	3.43	0.43	0.29	1.07	0.42	0.37		
FB36JE	0.20	-0.86	0.22	0.23	-1.76	0.07	0.61	-1.15	0.16	1.88	-1.12	0.09	0.64	-1.41	0.20		
FF9VLK	0.29	-0.08	1.18	0.37	-0.48	0.37	0.96	0.22	1.95	2.53	-0.47	2.98	0.94	-0.12	2.19		
J9JG9P	0.35	0.50	0.58	0.48	0.51	0.50	1.16	1.01	1.80	3.31	0.30	0.35	1.12	0.63	0.75		
K782FN	0.36	0.60	2.28	0.48	0.51	1.94	1.11	0.79	1.33	3.21	0.21	1.09	0.98	0.04	2.23		
L7PA4J	0.22	-0.67	0.35	0.46	0.28	0.50	0.83	-0.28	1.03	3.10	0.09	0.80	0.96	-0.04	0.00		
LFEX27	0.23	-0.60	0.78	0.35	-0.68	0.28	0.68	-0.86	0.17	2.79	-0.21	0.64	0.89	-0.33	0.12		
M3K2CD	0.26	-0.35	1.32	0.39	-0.36	0.14	0.89	-0.07	0.71	3.01	0.01	0.86	0.92	-0.20	1.04		
NUMVW G	0.32	0.20	0.34	0.40	-0.21	0.77	0.89	-0.04	1.14	2.95	-0.05	1.85	0.90	-0.27	0.76		
TXURR9	0.24	-0.51	0.29	0.43	0.00	0.14	1.09	0.71	0.47	3.67	0.66	0.21	1.34	1.58	0.45		
VKWFAZ	0.39	0.87		0.50	0.66		1.34	1.70		3.48	0.48		1.11	0.60			
VRW3YE	0.16	-1.27	0.17	0.32	-0.96	0.00	0.67	-0.91	0.00	3.00	0.00	0.04	0.99	0.10	0.00		
WD9E68	0.29	-0.04	0.07	0.49	0.60	0.73	0.91	0.04	0.25	3.26	0.26	1.21	1.11	0.60	0.18		
XPXC76	0.70	3.73X	0.12	0.54	0.99	0.00	0.76	-0.56	0.04	0.73	-2.27	0.00	0.79	-0.77	0.07		
ZRFFR8	0.14	-1.42		0.24	-1.68		0.50	-1.58		1.21	-1.79		0.53	-1.86			



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.30	0.43	0.90	3.00	0.97	
Median Abs Dev	0.07	0.06	0.17	0.43	0.12	
Avg Within Lab SD	0.03	0.04	0.05	0.14	0.07	
Labs Included	20	20	20	21	20	
Labs Reporting	22	22	22	22	22	



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P9CJH	0.01	-1.93	0.00	0.04	-1.51	0.00	0.01	-0.13	0.00	0.53	-2.29	0.00	0.02	-1.84	0.00
3QWB9Z	2.50	0.06	0.10	3.00	0.03	0.16	0.01	-0.12	0.03	26.97	0.53	0.23	2.96	0.76	0.24
42AU62	25.69	18.68X	9.24	35.26	16.84X	29.52	5.95	14.96X	3.61	209.22	19.96X	12.49	25.36	20.51X	11.13
BNZM8H	1.19	-0.99	0.85	2.52	-0.22	0.64				22.37	0.04	0.79	1.82	-0.25	0.54
EG8LEU	0.16	-1.81	0.02	0.73	-1.15	0.34	0.04	-0.05	0.37	9.15	-1.37	0.61	0.19	-1.68	0.41
FB36JE	3.03	0.49	0.08	4.64	0.88	0.17	0.65	1.51	1.45	27.90	0.63	0.37	3.01	0.80	0.23
FF9VLK	1.40	-0.82	2.75	2.88	-0.03	2.72	0.08	0.05	2.10	18.67	-0.36	2.79	2.04	-0.05	2.72
KNPZM8	2.36	-0.05	0.20	3.63	0.36	0.76	0.58	1.32	0.53	21.64	-0.04	0.13	2.16	0.05	0.19
LFEX27	2.97	0.44	0.12	4.38	0.75	0.28	0.88	2.09	0.30	24.53	0.27	0.04	2.58	0.43	0.14
WD9E68	2.55	0.10	0.79	3.90	0.50	0.60				24.35	0.25	0.10	2.41	0.27	0.98
ZRFFR8	2.48	0.05		0.43	-1.31		0.01	-0.13		12.85	-0.98		1.40	-0.62	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups						Data units: mmolc/L		
	SRS2401		SRS2402		SRS2403		SRS2404	
Grand Median	2.42		2.94		0.060		22.0	
Median Abs Dev	0.58		1.20		0.050		4.2	
Avg Within Lab SD	0.15		0.27		0.062		1.5	
Labs Included	10		10		8		10	
Labs Reporting	11		11		9		11	



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B - sp (SubTestCode 113) in the Salinity Property Groups

Data units: mg/L

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2MJBB9	0.140	0.19	0.00	0.047	0.64	0.58	0.050	0.54	0.00	0.223	0.03	0.34	0.190	-0.08	0.00
2P9CJH	0.166	0.62	0.00	0.045	0.57	0.00	0.052	0.59	0.00	0.233	0.21	0.00	0.228	0.39	0.00
3QWB9Z	0.119	-0.17	0.93	0.027	-0.11	0.40	0.026	-0.11	0.42	0.577	6.49X	0.35	0.200	0.04	0.69
3VUPVP	0.290	2.68		0.130	3.83X		0.090	1.61		0.260	0.70		0.350	1.93	
42AU62	0.103	-0.42	0.51	0.030	0.00	0.00	0.030	0.00	0.61	0.137	-1.55	0.34	0.130	-0.84	0.00
F7LWVE										0.275	0.97	0.41	0.340	1.80	
FB36JE	0.160	0.52	0.00							0.273	0.94	0.34	0.233	0.46	0.44
FF9VLK	0.162	0.55	1.31	0.095	2.48	1.10	0.095	1.74	0.58	0.259	0.68	0.73	0.233	0.45	1.29
FTHDKE	0.132	0.06	1.54							0.206	-0.29	0.41	0.173	-0.30	0.15
J9JG9P	0.183	0.91	0.51	0.077	1.79	1.16	0.107	2.06	0.35	0.230	0.15	0.58	0.257	0.75	0.88
K782FN	0.120	-0.14	0.88	0.030	0.00	1.73	0.058	0.74	2.55	0.220	-0.03	0.00	0.194	-0.04	0.91
KNPZM8	0.121	-0.13	0.64	-0.004	-1.30	2.32	0.084	1.44	1.75	0.191	-0.56	1.72	0.123	-0.92	0.27
LFEX27	0.129	0.00	0.54	0.027	-0.11	0.30	0.017	-0.35	0.16	0.195	-0.49	0.20	0.177	-0.25	0.40
M3K2CD	0.087	-0.70	1.84	0.020	-0.38		0.020	-0.27		0.163	-1.06	0.89	0.137	-0.75	1.59
NUMVW G	0.120	-0.14	1.53	0.023	-0.26	0.58	0.030	0.00	0.61	0.187	-0.64	2.70	0.157	-0.50	2.21
TXURR9	0.110	-0.32	0.05	0.001	-1.11	0.00				0.179	-0.78	0.14	0.172	-0.31	0.59
UYYPDA	0.020	-1.80		0.010	-0.77		0.010	-0.54		0.030	-3.50X		0.020	-2.22	
VKWF AZ	0.300	2.84					0.260	6.18X		0.320	1.79		0.270	0.92	
WD9E68	0.158	0.48	1.51	0.036	0.21	0.38	0.025	-0.13	0.17	0.269	0.86	1.53	0.226	0.37	1.75
ZRFFR8	0.120	-0.14		0.040	0.38		0.030	0.00		0.200	-0.40		0.210	0.17	



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B - sp (SubTestCode 113) in the Salinity Property Groups						Data units: mg/L
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.13	0.030	0.030	0.22	0.20	
Median Abs Dev	0.03	0.010	0.020	0.04	0.04	
Avg Within Lab SD	0.01	0.010	0.016	0.02	0.01	
Labs Included	19	15	15	18	20	
Labs Reporting	19	16	16	20	20	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	0.29	1.27	3.05	0.20	0.34	3.62	0.19	0.58	4.75	0.91	0.04	1.97	0.15	-0.23	2.10		
2ATECV	0.20	-0.97	0.14	0.15	-0.96	0.03	0.15	-0.38	0.04	0.76	-0.57	0.11	0.15	-0.30	0.06		
3A8ZLX	0.31	1.66	0.12	0.26	1.73	0.32	0.26	2.19	0.46	1.20	1.20	0.06	0.21	0.94	0.17		
3TN8WU	0.16	-1.80	0.21	0.22	0.62	0.06	0.18	0.32	0.12	0.96	0.24	0.52	0.11	-1.07	0.11		
3ZMTL9	0.23	-0.26	0.00	0.18	-0.37	0.00	0.15	-0.41	0.00	1.05	0.60	0.00	0.14	-0.59	0.00		
8JZ2QP	0.17	-1.50	0.67	0.15	-0.98	1.02	0.15	-0.45	0.48	0.89	-0.04	1.23	0.15	-0.33	1.20		
8VVFNZ	0.24	0.01	0.46	0.14	-1.12	0.86	0.13	-0.92	0.41	0.70	-0.81	0.69	0.09	-1.67	0.65		
AFD723	0.21	-0.62	2.48	0.15	-0.92	0.24	0.18	0.22	0.58	1.01	0.44	0.93	0.19	0.56	0.20		
BCAQ6J	0.22	-0.46	1.21	0.15	-1.04	0.32	0.14	-0.61	0.00	0.79	-0.46	1.05	0.10	-1.38	1.12		
BLYE38	0.24	-0.02	0.05	0.19	0.01	0.00	0.20	0.65	0.00	0.95	0.17	0.03	0.17	0.14	0.01		
BNZM8H	0.20	-0.85	0.00	0.17	-0.57	3.23	0.16	-0.23	0.41	1.24	1.34	0.00	0.17	0.15	0.00		
BURRXZ	0.25	0.33	0.79	0.18	-0.17	0.32	0.12	-1.14	0.41	0.52	-1.54	0.15	0.09	-1.53	0.65		
EZMVFU	0.20	-0.85	0.79	0.17	-0.57	0.86	0.17	0.00	0.41	0.73	-0.68	0.80	0.17	0.15	1.12		
FBHKCL	0.25	0.25	0.46	0.22	0.62	0.32	0.19	0.53	0.00	1.14	0.95	0.15	0.18	0.30	0.65		
FF9VLK	0.20	-0.81	1.01	0.15	-0.92	0.26	0.13	-0.83	0.04	0.69	-0.86	1.72	0.11	-1.11	0.50		
JKCZPF	0.28	0.95	1.71	0.26	1.69	0.43	0.18	0.33	0.78	1.10	0.78	1.88	0.21	0.95	2.16		
JVUGHM	0.24	0.15	0.17	0.19	-0.01	0.05	0.16	-0.12	0.26	0.89	-0.05	0.74	0.15	-0.36	0.38		
L7PA4J	0.24	0.01	0.92	0.26	1.65	0.00	0.25	1.90		1.23	1.30	0.26	0.21	0.96	0.65		
L8H7TC	0.31	1.74	1.59	0.22	0.70	0.56	0.19	0.53	0.71	0.83	-0.31	1.05	0.14	-0.50	1.12		
LFEX27	0.25	0.26	0.52	0.20	0.33	0.20	0.20	0.79	0.18	1.11	0.83	1.01	0.19	0.65	0.79		
MDJ2PH	0.21	-0.70	1.21	0.16	-0.81	0.86	0.16	-0.16	1.42	0.95	0.17	0.80	0.16	-0.14	1.71		
MGHDKH	0.24	-0.01	0.12	0.18	-0.24	0.58	0.15	-0.33	0.08	0.76	-0.55	0.65	0.14	-0.48	0.40		
NLRTU7	0.27	0.79	0.09	0.24	1.26	0.03	0.24	1.55	0.07	1.25	1.38	0.05	0.18	0.32	0.13		
NUMVW	0.26	0.64	0.46	0.19	0.06	0.32	0.14	-0.61	0.00	0.74	-0.66	1.18	0.13	-0.80	2.81		
G																	
PHP8HT	0.27	0.80		0.16	-0.73		0.15	-0.38		0.59	-1.25		0.23	1.47			



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
RRLWCZ	0.20	-0.85	0.00	0.20	0.22	0.00	0.10	-1.52	0.00	0.80	-0.41	0.00	0.20	0.81	0.00		
WD9E68	0.23	-0.22	0.46	0.24	1.17	0.00	0.24	1.67	0.71	1.20	1.18	0.52	0.19	0.67	0.65		
XHF78D	0.27	0.90	0.34	0.19	0.08	0.77	0.19	0.58	0.42	0.76	-0.59	2.78	0.23	1.37	0.67		
Y4V33U	0.25	0.40	0.48	0.18	-0.14	0.32	0.17	0.00	0.21	0.87	-0.13	0.66	0.16	-0.15	0.30		
YUQVMU	0.23	-0.15	0.00	0.20	0.22	0.00	0.18	0.30	0.00	1.08	0.71	0.15	0.17	0.15	0.00		

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
Grand Median		0.24			0.19			0.17			0.90			0.16			
Median Abs Dev		0.03			0.03			0.02			0.16			0.03			
Avg Within Lab SD		0.01			0.02			0.01			0.04			0.01			
Labs Included		30			30			30			30			30			
Labs Reporting		30			30			30			30			30			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.23	4.23X	2.85	0.18	2.22	5.19	0.17	2.02	4.91	0.60	-0.56	3.20	0.17	2.41	3.02	
2ATECV	0.11	-0.74	0.00	0.10	-1.33	0.00	0.10	-1.06	0.05	0.49	-1.54	0.07	0.09	-0.64	0.07	
2P9CJH	0.09	-1.61	0.00	0.10	-1.29	0.00	0.11	-0.46	0.00	0.75	0.74	0.00	0.12	0.36	0.00	
3A8ZLX	0.15	1.06	0.33	0.15	0.74	0.09	0.14	0.82	0.20	0.71	0.36	0.11	0.13	0.75	0.21	
77WJFP	0.14	0.58	0.38	0.13	0.04	0.43	0.15	1.07	0.79	0.81	1.27	1.30	0.15	1.70	0.70	
7J3C82	0.17	1.89	0.38	0.12	-0.52	0.00	0.11	-0.63	0.46	0.52	-1.30	0.45	0.08	-1.16	1.21	
7XMU3Q	0.12	-0.41	1.02	0.08	-2.05	0.26	0.10	-1.05	0.21	0.55	-1.02	0.47	0.11	0.11	0.89	
8CZM43	0.21	3.49X	1.76	0.15	0.75	0.75	0.15	1.20	0.92	0.85	1.65	0.78	0.17	2.22	1.85	
8DDEWJ	0.13	0.12	0.04	0.14	0.18	0.04	0.13	0.17	0.00	0.69	0.18	0.23	0.11	-0.01	0.07	
BLYE38	0.12	-0.64	0.00	0.12	-0.42	0.00	0.12	-0.02	0.00	0.63	-0.35	0.03	0.10	-0.42	0.01	
BNZM8H	0.10	-1.16	0.38	0.10	-1.37	0.75	0.12	0.02	0.46	0.59	-0.70	1.04	0.10	-0.25	0.70	
BYYKRW	0.16	1.42	0.14	0.13	-0.04	0.19	0.11	-0.43	0.12	0.70	0.29	0.14	0.10	-0.33	0.42	
DVWYFJ	0.16	1.45	0.77	0.11	-0.95	0.00	0.11	-0.50	0.00	0.51	-1.39	0.00	0.10	-0.51	1.40	
F7LWVE	0.13	-0.12	0.04	0.13	-0.01	0.15	0.12	-0.12	0.09	0.67	0.04	0.08	0.10	-0.42	0.00	
G67WCP	0.12	-0.48	0.00	0.12	-0.44	0.00	0.12	-0.29	0.46	0.68	0.11	0.00	0.09	-0.81	0.00	
GWFC9D	0.13	0.15	0.14	0.15	0.87	0.30	0.16	1.32	0.42	0.72	0.47	0.05	0.14	1.09	0.27	
H6Z38A	0.15	0.77	0.06	0.21	3.14X	0.26	0.16	1.66	0.05	0.73	0.60	0.03	0.13	0.82	0.07	
JXXFTF	0.13	0.01	0.30	0.14	0.28	0.14	0.13	0.35	0.20	0.73	0.55	0.39	0.11	-0.09	0.22	
K2EYDA	0.11	-0.87	0.00	0.10	-1.37	0.00	0.11	-0.50	0.00	0.59	-0.64	0.52	0.11	0.01	0.00	
L7PA4J	0.13	0.00	0.00	0.14	0.33	0.00	0.14	0.81	0.46	0.67	0.07	0.26	0.12	0.53	0.70	
LFEX27	0.14	0.28	0.10	0.13	0.00	0.73	0.13	0.25	0.36	0.66	-0.06	0.33	0.11	0.15	0.28	
NC36WH	0.34	9.30X	11.10	0.19	2.45	1.29	0.16	1.46	2.10	0.48	-1.68	2.56	0.15	1.57	3.20	
PFJPGC	0.12	-0.35	0.00	0.12	-0.44	0.00	0.11	-0.62	0.00	0.64	-0.27	0.00	0.10	-0.46	0.00	
RN7PNZ	0.10	-1.18	5.03	0.14	0.41	0.15	0.15	1.12	0.32	0.76	0.89	0.71	0.17	2.20	0.62	
VH6JK7	0.13	0.20	0.08	0.13	0.01	0.09	0.11	-0.32	0.09	0.71	0.38	0.05	0.10	-0.33	0.07	
VKWFAZ	0.14	0.48	0.64	0.14	0.27	0.16	0.13	0.35	0.28	0.70	0.35	0.14	0.12	0.36	0.79	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VTM2DD	0.10	-1.13	0.00	0.13	-0.11	0.19	0.11	-0.62	0.32	0.52	-1.33	0.05	0.10	-0.44	0.67	
WD9E68	0.12	-0.44	0.00	0.14	0.18	0.43	0.14	0.68	0.00	0.66	-0.04	0.90	0.12	0.27	0.70	
WMHKH X	0.13	0.15	0.38	0.14	0.33	0.00	0.12	-0.24	0.46	0.60	-0.61	2.71	0.11	0.14	0.70	
ZM2WAQ	0.14	0.48	0.83	0.14	0.38	0.11	0.14	0.53	0.17	0.51	-1.35	1.40	0.11	-0.15	0.67	
ZULXP4	0.12	-0.65	0.34	0.12	-0.52	0.03	0.11	-0.41	0.33	0.59	-0.69	0.11	0.10	-0.44	0.47	
ZXKE3X	0.11	-0.74	0.00	0.12	-0.62	0.04	0.11	-0.47	0.17	0.67	0.08	0.21	0.10	-0.46	0.08	

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m	
	SRS2401		SRS2402		SRS2403	SRS2404	SRS2405
Grand Median	0.13		0.13		0.12	0.67	0.11
Median Abs Dev	0.01		0.01		0.01	0.06	0.01
Avg Within Lab SD	0.02		0.01		0.01	0.02	0.01
Labs Included	29		31		32	32	32
Labs Reporting	32		32		32	32	32



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	5.08	-1.69	0.43	6.49	-1.16	0.86	5.87	-1.88	1.32	7.18	-0.67	1.59	7.49	-0.86	0.39	
2442A9	5.35	0.18	0.88	6.79	0.74	0.27	6.09	0.00	0.55	7.34	0.49	0.81	7.67	0.57	0.34	
2ATECV	4.88	-3.09X	0.14	6.20	-2.94X	0.00	5.68	-3.48X	0.00	6.70	-4.07X	0.31	7.17	-3.37X	0.45	
3A8ZLX	5.25	-0.55	0.14	6.58	-0.58	0.35	6.03	-0.53	1.22	7.10	-1.22	0.23	7.68	0.63	0.00	
3QWB9Z	5.40	0.50	0.00	6.45	-1.39	0.87	6.10	0.06	0.00	7.30	0.19	0.00	7.60	0.00	0.00	
3TN8WU	5.42	0.64	0.25	6.53	-0.89	1.22	5.95	-1.18	0.55	7.20	-0.55	2.05	7.62	0.13	0.34	
3ZMTL9	5.41	0.57	0.00	6.70	0.17	0.00	6.12	0.22	0.00	7.25	-0.17		7.54	-0.47	0.00	
42AU62	5.20	-0.87	2.50	6.57	-0.66	1.01	5.90	-1.63	0.00	7.27	-0.05	1.16	7.57	-0.26	1.30	
44GAC8	5.47	1.01	0.38	6.85	1.10	0.30	6.15	0.48	0.38	7.44	1.18	0.60	7.74	1.07	0.34	
6LU9WV	5.25	-0.55	0.14	6.70	0.19	0.10	6.04	-0.45	0.22	7.36	0.61	0.20	7.74	1.10	0.22	
74RQNC	5.30	-0.21	3.16	6.68	0.02	2.98	6.10	0.10	3.43	7.31	0.23	2.45	7.52	-0.60	2.46	
7J3C82	5.37	0.30	0.25	6.82	0.91	0.17	6.09	-0.06	0.13	7.38	0.73	0.12	7.72	0.91	0.34	
894YMV	5.09	-1.60	0.38	6.46	-1.34	0.20	5.87	-1.88	0.38	6.97	-2.17	0.53	7.52	-0.65	0.26	
8CZM43	5.40	0.50	0.50	6.77	0.62	0.88	6.10	0.06	0.58	7.20	-0.50	2.42	7.60	0.00	1.37	
8DDEWJ	5.25	-0.50	1.01	6.67	0.00	0.27	6.13	0.28	0.34	7.33	0.38	0.42	7.71	0.89	0.26	
8JZ2QP	5.34	0.09	0.50	6.91	1.45	1.29	6.07	-0.20	0.66	7.13	-1.05	1.10	7.53	-0.55	0.90	
8VVFNZ	5.40	0.50	0.00	6.80	0.79	0.00	6.03	-0.51	1.27	7.30	0.19	0.00	7.70	0.78	0.00	
99DM2R	5.22	-0.73	0.25	6.51	-1.01	0.17	6.04	-0.45	0.22	7.02	-1.81	0.20	7.44	-1.25	0.22	
AFD723	5.49	1.12	0.25	6.74	0.43	0.20	6.15	0.48	0.22	7.23	-0.34	0.12	7.57	-0.24	0.22	
BCAQ6J	4.93	-2.74	0.38	6.40	-1.72	0.44	5.76	-2.84	0.51	7.18	-0.65	0.23	7.23	-2.87	0.13	
BLYE38	5.29	-0.23	0.14	6.58	-0.56	0.10	6.10	0.06	0.00	7.20	-0.55	0.12	7.59	-0.05	0.13	
BNZM8H	5.27	-0.39	1.30	6.29	-2.36	0.56	6.17	0.62	0.55	6.73	-3.88X	1.71	7.02	-4.52X	1.70	
BURRXZ	5.40	0.50	0.00	6.77	0.58	1.01	6.20	0.90	0.00	7.40	0.90	0.00	7.70	0.78	0.00	
BYYKRW	5.00	-2.24		6.50	-1.08		5.90	-1.63	0.00	7.17	-0.77	1.16	7.50	-0.78		
CMMA3L	5.47	0.98	2.04	6.47	-1.28	2.38	6.33	1.99	3.17	6.56	-5.07X	2.45	7.42	-1.44	1.32	
EZMVFU	5.33	0.00	0.72	6.72	0.31	0.36	6.09	-0.06	1.04	7.36	0.59	0.61	7.53	-0.55	0.59	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
F7LWVE	5.29	-0.27	0.38	6.67	0.00	0.36	6.15	0.45	0.55	7.23	-0.31	0.40	7.57	-0.26	0.34	
FBHKCL	5.29	-0.27	0.14	6.70	0.17	0.00	6.07	-0.17	0.13	7.30	0.16	0.12	7.65	0.39	0.00	
FF9VLK	5.40	0.48	1.18	6.62	-0.35	4.07	6.30	1.71	3.76	7.35	0.52	1.33	7.64	0.29	0.94	
FWHLNP	5.30	-0.16	0.14	6.61	-0.37	0.10	6.13	0.31	0.22	7.06	-1.50	0.12	7.49	-0.84	0.13	
FXAHDJ	5.43	0.73	0.14	6.72	0.27	0.10	6.13	0.34	0.13	7.31	0.23	0.12	7.65	0.37	0.13	
G67WCP	5.39	0.43	0.86	6.76	0.54	0.17	6.07	-0.22	0.34	7.31	0.23	0.12	7.73	1.02	0.45	
GEGYXQ	5.43	0.69	1.13	6.80	0.79	0.30	6.11	0.17	0.55	7.29	0.14	0.12	7.71	0.84	0.69	
JKCZPF	5.28	-0.32	1.14	6.57	-0.62	0.79	6.15	0.45	0.25	7.36	0.59	1.10	7.80	1.54	1.44	
JVUGHM	5.19	-0.92	0.11	6.67	-0.03	0.19	6.13	0.27	0.26	7.50	1.59	0.05	7.77	1.31	0.24	
L7PA4J	5.27	-0.37	2.08	6.41	-1.63	0.97	6.03	-0.51	2.16	6.87	-2.86	0.76	7.54	-0.50	1.15	
L8H7TC	5.38	0.34	0.63	6.67	-0.02	0.52	6.09	-0.03	0.66	7.36	0.61	0.20	7.62	0.16	0.45	
LFEX27	5.09	-1.65	0.52	6.51	-0.99	0.27	5.97	-1.01	0.34	7.17	-0.72	0.23	7.56	-0.31	0.59	
LJARY8	5.37	0.32	0.88	6.79	0.70	0.10	6.14	0.39	0.22	7.42	1.06	0.23	7.79	1.49	0.39	
MGHDKH	5.24	-0.62	0.63	6.54	-0.81	0.10	6.16	0.53	0.51	7.27	-0.03	0.20	7.61	0.05	0.34	
NLRTU7	5.29	-0.25	0.25	6.77	0.60	0.17	6.08	-0.14	0.25	7.28	0.02	0.12	7.66	0.44	0.34	
NUMVW G	5.51	1.23	1.46	6.77	0.58	0.44	6.15	0.51	2.20	7.21	-0.48	1.91	7.61	0.05	1.74	
PFJPGC	5.39	0.43	0.50	6.74	0.39	1.49	6.16	0.56	0.38	7.23	-0.29	2.41	7.40	-1.59	4.64	
PGBL77	5.44	0.76	0.17	6.57	-0.62	1.58	6.21	0.97	0.22	7.13	-1.00	2.06	7.57	-0.24	0.22	
QFZ6AK	5.47	0.96	1.59	6.72	0.27	0.61	6.14	0.37	0.46	7.28	0.04	1.40	7.58	-0.18	0.34	
RN7PNZ	4.93	-2.70	1.44	6.30	-2.32	1.75	5.80	-2.47	0.00	6.93	-2.43	1.16	7.30	-2.35	0.00	
RRLWCZ	5.50	1.19		6.80	0.79	0.00	6.40	2.58	0.00	7.33	0.42	1.16	7.63	0.26	1.30	
RVL6GA	5.49	1.14	0.63	6.68	0.04	0.46	6.23	1.15	0.38	7.10	-1.24	0.60	7.67	0.55	1.25	
THFEE3	5.30	-0.18	0.00	6.67	-0.04	1.01	6.00	-0.79		7.23	-0.29	1.16	7.60	0.00	0.00	
UKYQQD	5.38	0.39	0.76	6.68	0.06	0.61	6.07	-0.17	0.34	7.46	1.35	1.81	7.63	0.21	1.30	
UPUKNE	5.30	-0.21	0.14	6.59	-0.54	0.20	6.11	0.17	0.25	7.32	0.33	0.00	7.61	0.08	0.22	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VKWFAZ	5.31	-0.09	0.63	6.68	0.06	0.96	6.15	0.51	0.55	7.28	0.02	0.23	7.76	1.28	1.11	
VTM2DD	5.35	0.18	0.72	6.77	0.60	0.30	6.04	-0.48	0.51	7.21	-0.48	0.76	7.39	-1.67	0.65	
WD9E68	5.32	-0.05	2.22	6.40	-1.70	1.32	5.91	-1.57	0.71	6.98	-2.07	0.76	7.50	-0.78	0.98	
WEZBU2	5.37	0.32	0.00	6.80	0.81	0.00	6.04	-0.42	0.00	7.27	0.00	0.00	7.64	0.30	0.00	
WMHKH X	5.27	-0.37	2.40	6.61	-0.41	2.21	6.05	-0.34	0.67	7.24	-0.22	1.48	7.40	-1.59	2.03	
WMVDVC	5.44	0.75	0.58	6.82	0.89	0.40	6.15	0.51	0.34	7.33	0.40	0.20	7.65	0.42	0.26	
WZJH6U	5.34	0.09	0.66	6.77	0.58	0.90	6.13	0.34	0.89	7.20	-0.50	0.61	7.49	-0.84	0.57	
XMEJU3	5.31	-0.14	0.76	6.56	-0.70	0.17	6.02	-0.65	0.34	7.35	0.52	0.23	7.59	-0.10	0.52	
Y4V33U	5.38	0.37	0.90	6.66	-0.10	0.96	6.09	-0.03	0.88	7.31	0.23	0.95	7.60	0.00	1.25	
YCBNCX	5.18	-0.98	1.23	6.57	-0.66	0.27	6.00	-0.79	0.22	7.12	-1.10	1.39	7.58	-0.18	0.26	
YUQVMU	5.20	-0.87	0.00	6.60	-0.46	0.00	6.00	-0.79		7.40	0.90	0.00	7.50	-0.78		
ZU7E67	5.20	-0.87	0.00	6.70	0.17	0.00	6.00	-0.79		7.27	-0.05	1.16	7.53	-0.52	1.30	
ZULXP4	5.50	1.19	0.86	6.75	0.48	0.63	6.13	0.34	0.34	7.30	0.21	0.31	7.68	0.60	0.26	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	5.33			6.67			6.09			7.27			7.60			
Median Abs Dev	0.07			0.10			0.06			0.07			0.07			
Avg Within Lab SD	0.04			0.06			0.05			0.05			0.04			
Labs Included	63			63			63			61			62			
Labs Reporting	64			64			64			64			64			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	5.12	-1.76	0.76	6.53	-0.50	1.33	5.89	-1.59	2.36	7.33	-0.06	0.87	7.49	-0.36	1.15	
2ATECV	5.06	-2.11	0.06	6.25	-1.51	0.08	5.90	-1.57	0.09	6.83	-1.56	0.32	7.16	-1.30	0.07	
2P9CJH	5.49	0.24	0.00	6.98	1.14	0.00	6.31	0.83	0.00	7.55	0.60	0.00	7.84	0.64	0.00	
3A8ZLX	5.36	-0.47	0.12	6.68	0.07	0.42	6.22	0.29	0.25	7.34	-0.02	0.53	7.77	0.45	0.18	
6LU9WV	5.38	-0.38	0.04	6.82	0.55	0.15	6.17	0.00	0.34	7.50	0.46	0.29	7.84	0.63	0.18	
7XMU3Q	5.53	0.47	0.35	6.87	0.73	0.75	6.20	0.19	0.00	7.40	0.15	0.00	7.43	-0.52	0.67	
BLYE38	5.18	-1.44	0.04	6.50	-0.60		5.98	-1.08	0.00	7.21	-0.41	0.08	7.63	0.04	0.00	
BNZM8H	5.62	0.95	1.83	6.06	-2.19	1.56	6.06	-0.60	1.70	6.58	-2.30	0.64	6.93	-1.96	0.12	
DVWYFJ	5.56	0.60	0.15	6.46	-0.73	0.92	6.43	1.51	1.82	6.53	-2.43	2.91	6.89	-2.07	2.27	
ET234V	5.59	0.80	1.80	6.36	-1.09	1.76	6.18	0.10	1.26	6.76	-1.77	2.52	7.47	-0.42	1.05	
F7LWVE	5.48	0.20	0.19	6.75	0.31	0.13	6.26	0.54	0.16	7.58	0.69	0.28	7.84	0.64	0.12	
FKP3AJ	5.48	0.20	0.13	6.75	0.31	0.23	6.21	0.25	0.32	7.46	0.33	0.24	7.68	0.17	0.18	
GWFC9D	5.45	0.00	0.14	6.66	-0.01	0.08	6.36	1.10	0.25	7.17	-0.54	0.14	7.34	-0.80	0.13	
H6Z38A	5.42	-0.13	0.56	6.83	0.58	1.17	6.41	1.43	0.41	7.38	0.08	1.44	7.67	0.14	1.01	
HRFM4B	5.67	1.22	0.55	7.15	1.76	1.98	6.39	1.30	0.95	6.38	-2.90	1.13	7.19	-1.21	0.80	
JXXFTF	5.50	0.27	0.23	6.89	0.81	0.13	6.24	0.43	0.28	7.53	0.54	0.28	7.89	0.78	0.12	
K2EYDA	5.38	-0.36	0.12	6.81	0.52	0.13	6.15	-0.12	0.19	7.44	0.27	0.00	7.79	0.50	0.13	
L7PA4J	5.33	-0.62	0.31	6.48	-0.68	1.17	6.15	-0.12	0.57	7.24	-0.33	0.85	7.53	-0.26	0.13	
LFEX27	5.21	-1.29	0.12	6.67	0.01	0.20	6.06	-0.60	0.19	7.36	0.02	0.16	7.65	0.09	0.07	
MDJ2PH	5.50	0.29	0.61	6.60	-0.24	1.30	6.10	-0.39	1.62	7.40	0.15	1.40	7.83	0.62	0.67	
NC36WH	5.50	0.29	4.01	6.60	-0.24	2.25	6.07	-0.58	2.47	7.37	0.05	0.81	7.47	-0.43	1.35	
TRLGC8	5.25	-1.07	0.37	6.56	-0.38	0.91	5.93	-1.35	0.41	7.26	-0.28	1.42	7.28	-0.96	1.01	
VH6JK7	4.83	-3.36X	0.83	6.00	-2.39	0.27	5.39	-4.53X	0.73	6.85	-1.49	0.37	6.83	-2.24	3.47	
VKWFAZ	5.48	0.16	0.07	6.69	0.09	0.52	6.29	0.70	0.57	7.44	0.27	0.28	7.82	0.59	0.78	
WD9E68	5.25	-1.07	0.22	6.54	-0.44	0.76	6.08	-0.50	0.43	7.16	-0.57	0.24	7.52	-0.28	0.12	
YCBNCX	5.30	-0.83	0.38	6.66	-0.01	0.27	6.11	-0.33	0.71	7.33	-0.05	0.81	7.60	-0.04	0.82	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZM2WAQ	5.50	0.29		6.90	0.85	1.30	6.23	0.39	0.93	7.43	0.25	0.81	7.73	0.33	0.67	
ZRFFR8	5.32	-0.69		6.71	0.16		6.11	-0.33		7.47	0.36		7.77	0.44		
pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	5.45			6.67			6.17			7.35			7.62			
Median Abs Dev	0.09			0.15			0.09			0.12			0.18			
Avg Within Lab SD	0.16			0.08			0.06			0.07			0.09			
Labs Included	27			28			27			28			28			
Labs Reporting	28			28			28			28			28			



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	4.69	-1.74	1.27	6.10	-1.83	1.41	5.35	-0.76	0.71	6.97	-0.25	0.60	7.01	-0.48	0.42	
2442A9	4.92	1.04	1.40	6.25	0.39	0.44	5.49	1.02	0.47	7.05	0.50	0.93	7.13	0.19	0.69	
44GAC8	4.92	1.04	0.70	6.21	-0.24	0.25	5.45	0.53	0.92	7.07	0.62	0.72	7.15	0.26	0.69	
77WJFP	4.83	0.00	0.70	6.23	0.05	0.25	5.49	1.02	1.16	7.06	0.53	0.17	7.12	0.11	0.27	
7J3C82	4.83	-0.04	0.22	6.23	0.14	1.11	5.45	0.58	0.35	7.05	0.43	0.60	7.06	-0.24	0.16	
FXAHDJ	4.84	0.12	0.25	6.19	-0.48	0.44	5.27	-1.87	0.31	6.92	-0.71	0.44	7.13	0.19	0.42	
GEGYXQ	4.87	0.41	0.25	6.25	0.43	1.11	5.44	0.36	0.18	7.06	0.56	0.29	7.11	0.04	0.42	
L7PA4J	4.79	-0.50	1.44	6.24	0.19	0.92	5.36	-0.67	0.92	6.80	-1.86	1.00	6.89	-1.16	0.16	
L8H7TC	4.83	0.00	0.55	6.13	-1.35	2.64	5.50	1.16	0.94	6.94	-0.56	1.44	6.99	-0.61	1.64	
LFEX27	5.03	2.40	0.55	6.29	0.92	0.67	5.73	4.27X	1.10	6.91	-0.84	0.86	7.29	1.04	0.83	
THFEE3	4.77	-0.83	1.25	6.10	-1.78	0.00	5.37	-0.58	1.77	7.03	0.31	1.66	7.00	-0.56		
VTM2DD	4.83	0.00	0.25	6.22	-0.05	0.44	5.40	-0.09	0.64	6.97	-0.31	0.33	6.79	-1.75	0.16	
WD9E68	4.79	-0.50	1.85	6.31	1.25	0.76	5.41	0.00	2.14	6.84	-1.45	1.83	6.83	-1.53	2.06	
XHF78D	5.58	9.28X	1.72	6.65	6.12X	1.98	6.16	9.97X	3.58	7.13	1.21	1.25	7.45	1.96	2.18	
ZU7E67	4.77	-0.83	1.25	6.20	-0.34	0.00	5.40	-0.13	0.00	7.00	0.00		7.10	0.00	0.00	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	4.83			6.22			5.41			7.00			7.10			
Median Abs Dev	0.04			0.03			0.04			0.06			0.09			
Avg Within Lab SD	0.05			0.02			0.03			0.03			0.04			
Labs Included	14			14			13			15			15			
Labs Reporting	15			15			15			15			15			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3TN8WU	4.83	0.19	1.32	6.03	-0.56	2.25	5.57	1.18	1.01	6.60	-0.92	1.76	6.80	-0.24	0.00	
8DDEWJ	4.82	-0.05	0.26	6.24	0.40	0.20	5.48	0.33	0.18	7.13	0.67	0.18	7.15	0.77	0.37	
BNZM8H	4.82	0.05	1.56	5.76	-1.80	1.30	5.55	1.05	1.94	6.10	-2.42	1.07	6.27	-1.78	0.57	
F7LWVE	4.84	0.33	0.26	6.16	0.05	0.30	5.45	0.07	0.10	7.14	0.69	0.57	7.09	0.59	0.37	
FWHLNP	4.70	-1.75	1.56	5.83	-1.50	0.39	5.21	-2.27	0.54	6.67	-0.72	0.67	6.63	-0.72	1.69	
K2EYDA	4.81	-0.19	0.35	6.20	0.20	0.11	5.42	-0.28	0.10	6.91	0.00	2.46	7.08	0.55	0.86	
L7PA4J	4.76	-0.90	0.70	5.77	-1.76	1.30	5.41	-0.38	1.84	6.52	-1.17	0.37	6.64	-0.70	1.69	
LFEX27	5.11	4.12X	0.69	6.35	0.93	0.60	5.83	3.79X	1.03	6.98	0.23	0.10	7.30	1.21	1.20	
PHP8HT	4.86	0.62	1.65	6.07	-0.37	1.18	5.35	-0.90	0.81	6.70	-0.63	0.90	6.72	-0.47	0.78	
QHL8TD	4.97	2.09	0.48	6.15	0.00	0.49	5.49	0.40	0.10	7.07	0.49	0.00	7.17	0.82	0.00	
VKWFAZ	4.83	0.09	0.48	6.15	0.00	0.41	5.47	0.20	0.87	6.93	0.07	0.30	7.00	0.33	1.35	
WD9E68	4.76	-0.81	0.35	5.93	-1.05	0.81	5.35	-0.94	1.37	6.69	-0.64	0.44	6.68	-0.58	0.78	
YCBNCX	4.75	-1.03	1.17	6.19	0.16	1.21	5.44	-0.07	0.42	6.95	0.13	0.80	6.88	0.00	1.22	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	4.82			6.15			5.45			6.91			6.88			
Median Abs Dev	0.03			0.09			0.04			0.21			0.21			
Avg Within Lab SD	0.04			0.05			0.06			0.06			0.03			
Labs Included	12			13			12			13			13			
Labs Reporting	13			13			13			13			13			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FF9VLK	4.52		1.52	6.07		1.22	5.32		1.35	6.76		0.42	6.90		1.68	
TRLGC8	4.52		0.61	5.78		0.61	5.20		0.87	6.70		1.11	6.87		0.16	
XMEJU3	4.36		0.58	5.74		1.06	5.14		0.64	6.60		1.26	6.87		0.37	
ZRFFR8	4.54			5.96			5.40			6.76			6.89			
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	4.52			5.87			5.26			6.73			6.88			
Median Abs Dev																
Avg Within Lab SD	0.06			0.01			0.02			0.01			0.06			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups													Data units: dS/m														
													SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score									
ET234V	0.072		1.34	0.073		0.69	0.072		0.43	0.309		1.40	0.067		1.33												
H6Z38A	0.066		0.47	0.101		1.24	0.079		1.35	0.332		0.19	0.070		0.47												
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups													Data units: dS/m														
													SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median		0.069				0.087						0.076						0.32				0.069					
Median Abs Dev																											
Avg Within Lab SD		0.001				0.001						0.001						0.01				0.002					
Labs Included		2				2						2						2				2					
Labs Reporting		2				2						2						2				2					



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2MJBB9	6.06	0.56	0.32				6.85	-0.04	0.14						
3TN8WU	5.90	-0.25	0.00	6.90	-0.19	0.00	6.87	0.04	1.42	7.40	-0.07	0.00	7.50	0.78	
7J3C82	6.04	0.46	0.64	7.13	1.63	0.47	6.99	0.78	0.89	7.51	1.02	0.97	7.48	0.34	0.60
8DDEWJ	6.00	0.25		7.00	0.61	0.31	6.95	0.56	0.28	7.47	0.66	0.00	7.49	0.49	0.35
M3K2CD	5.82	-0.64	0.49	6.88	-0.37	0.47	6.79	-0.40	1.40	7.38	-0.28	0.44	7.42	-1.06	0.70
NUMVW G	6.07	0.63	2.40	7.00	0.64	0.94	6.93	0.40	0.79	7.41	0.00	1.12	7.44	-0.47	1.85
PGBL77	5.69	-1.31	1.05	6.90	-0.20	0.88	6.61	-1.51	0.11	7.31	-1.00	1.91	7.46	-0.05	0.41
PHP8HT	5.84	-0.58	0.18	6.77	-1.25	2.49	6.71	-0.88	1.99	7.41	0.07	1.28	7.47	0.05	0.70
VTM2DD	5.65	-1.52	0.85	6.92	0.00	0.71	6.68	-1.09	0.62	7.35	-0.62	0.92	7.37	-2.16	1.40
WD9E68	6.06	0.54	0.80	7.07	1.17	0.31	7.04	1.06	0.38	7.63	2.35	0.68	7.70	5.13X	0.92

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	5.95			6.92			6.86			7.41			7.46		
Median Abs Dev	0.11			0.08			0.11			0.06			0.02		
Avg Within Lab SD	0.03			0.03			0.04			0.02			0.02		
Labs Included	10			9			10			9			8		
Labs Reporting	10			9			10			9			9		



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	5.97	-1.00	1.38	7.01	-0.75	1.54	6.86	-1.27	0.77	7.41	-0.63	0.00	7.47	-0.72	0.22	
3QWB9Z	6.90	4.46X	6.64	7.20	0.42	0.00	7.10	1.27	0.00	7.50	0.43		7.50	-0.22		
3ZMTL9	6.00	-0.84		7.06	-0.46	0.00	6.86	-1.31	0.00	7.41	-0.63	0.00	7.45	-1.16	0.00	
42AU62	6.03	-0.65	1.92	7.50	2.30		7.00	0.20		7.50	0.43		7.50	-0.22		
44GAC8	6.15	0.06	0.38	7.20	0.44	0.31	6.97	-0.16	0.29	7.51	0.55	0.00	7.54	0.47	0.22	
74RQNC	6.26	0.69	3.50	7.15	0.10		7.05	0.77	2.78							
7J3C82	6.15	0.04	0.33	7.19	0.36	0.53	7.00	0.16	0.58	7.50	0.43	0.42	7.52	0.09	0.57	
8JZ2QP	6.22	0.45	0.66	7.14	0.06	0.81	7.07	0.95	0.19	7.38	-0.95	0.24	7.42	-1.78	0.22	
8VVFNZ	6.15	0.06	0.19	7.13	-0.02	0.53	7.04	0.59	0.40	7.45	-0.20	0.87	7.47	-0.72	0.22	
99DM2R	5.99	-0.90	0.33	7.00	-0.84		6.92	-0.66	0.19	7.00	-5.49X		7.00	-9.59X		
AFD723	5.49	-3.85	0.33	6.74	-2.45	0.61	6.15	-8.93X	0.19	7.23	-2.81	0.24	7.57	1.09	0.38	
BCAQ6J	6.89	4.42X	1.34	7.45	1.99	1.41	7.37	4.13X	0.40	7.55	1.07	0.48	7.57	1.16	0.22	
BYYKRW	5.90	-1.43	0.00	6.90	-1.46	0.00	6.80	-1.95	0.00	7.30	-1.94	0.00	7.30	-3.97X	0.00	
FBHKCL	6.00	-0.82	0.19	6.98	-0.96	0.00	6.93	-0.55	0.00	7.42	-0.51	0.00	7.47	-0.78	0.00	
FF9VLK	6.19	0.27	0.58				7.04	0.59	0.61							
FWHLNP	6.14	0.00	0.51	7.12	-0.08	1.41	6.90	-0.84	0.40	7.43	-0.40	0.42	7.49	-0.41	0.00	
FXAHDJ	6.02	-0.71	0.69	7.05	-0.50	0.31	6.98	-0.05	0.29	7.46	0.00	0.64	7.50	-0.16	0.57	
G67WCP	6.09	-0.29	1.38	7.04	-0.61	1.34	6.93	-0.55	0.50	7.42	-0.47	0.24	7.47	-0.84	0.43	
G8YTZJ	6.08	-0.37	0.33	7.09	-0.29	0.81	7.01	0.30	0.38	7.48	0.16	0.24	7.53	0.28	0.22	
KNPZM8	6.00	-0.87	0.12	7.00	-0.87	1.10	6.94	-0.48	0.19	7.42	-0.54	0.18	7.51	0.03	0.08	
MGHDKH	6.22	0.47	0.19	7.17	0.21	0.81	7.02	0.38	0.11	7.48	0.20	0.42	7.53	0.41	0.22	
PFJPGC	6.26	0.67	0.84	7.24	0.69	2.01	7.05	0.73	0.19	7.47	0.12	2.85	7.51	0.03	3.20	
QFZ6AK	6.15	0.02	0.51	7.14	0.02	0.81	6.97	-0.16	0.48	7.52	0.63	0.24	7.57	1.03	0.22	
RRLWCZ	6.20	0.33	0.00	7.20	0.42	0.00	7.10	1.27	0.00	7.50	0.43		7.60	1.66	0.00	
UKYQQD	5.45	-4.11X	0.38	6.44	-4.35X	2.96	6.90	-0.88	3.15	7.39	-0.83	2.15	7.51	-0.03	1.95	
UPUKNE	6.25	0.61	0.51	7.14	0.06	0.61	6.99	0.05	0.11	7.57	1.23	0.64	7.60	1.72	0.22	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4V33U	6.07	-0.45	0.19	7.03	-0.63	1.87	6.96	-0.23	2.17	7.39	-0.83	1.69	7.45	-1.16	1.13	
ZULXP4	6.31	0.98	0.88	7.22	0.54	1.41	7.09	1.16	0.19	7.50	0.43	1.92	7.51	0.03	2.30	
Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	6.14			7.13			6.98			7.46			7.51			
Median Abs Dev	0.10			0.08			0.05			0.04			0.03			
Avg Within Lab SD	0.03			0.02			0.05			0.02			0.03			
Labs Included	25			26			26			25			24			
Labs Reporting	28			27			28			26			26			



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit			
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
FF9VLK	6.26		0.40				7.08		0.72								
XMEJU3	6.05		1.36	7.03		1.00	6.88		1.22	7.42		1.00	7.45		1.00		
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit			
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405	
Grand Median	6.16			7.03			6.98			7.42			7.45				
Median Abs Dev	0.05			0.04			0.04			0.03			0.02				
Labs Included	2			1			2			1			1				
Labs Reporting	2			1			2			1			1				



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8CZM43	7.13	0.28	2.32	7.69	0.22	1.49	7.69	0.46	1.25	7.88	0.67	2.01	7.94	0.71	0.49	
8VVFNZ	7.18	0.69	0.29	7.69	0.26	0.21	7.68	0.36	0.00	7.86	-0.06	0.26	7.92	0.16	0.28	
FBHKCL	7.06	-0.28	0.29	7.58	-1.22	0.00	7.64	-0.36	0.24	7.85	-0.55	0.00	7.90	-0.49	0.28	
G67WCP	6.85	-1.84	0.29	7.53	-1.83	0.77	7.54	-1.89	0.85	7.82	-1.78	0.26	7.88	-1.15	0.28	
JXXFTF	7.13	0.31	0.59	7.66	-0.22	0.57	7.69	0.52	0.71	7.89	0.92	0.77	7.96	1.37	0.84	
VTM2DD	7.01	-0.64	0.00	7.70	0.30	1.68	7.63	-0.46	1.78	7.87	0.06	1.12	7.91	-0.16	2.19	

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	7.09			7.67			7.66			7.87			7.92			
Median Abs Dev	0.06			0.02			0.03			0.02			0.02			
Avg Within Lab SD	0.02			0.03			0.02			0.02			0.02			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS2405				
SRS2401				SRS2402			SRS2403			SRS2404								
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	5.76		1.75	6.81		1.15	6.64		1.69	7.11		0.76	7.08		1.08			
EZMVFU	6.13		0.66	6.98		0.50	6.64		0.88	7.10		1.51	7.12		0.82			
L8H7TC	6.00		0.31	6.89		0.83	6.80		0.44	7.07		0.76	7.07		1.41			
VTM2DD	6.14		0.63	6.93		1.32	6.77		0.42	7.05		0.76	7.07		0.41			
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS2405				
SRS2401				SRS2402			SRS2403			SRS2404								
Grand Median	6.07			6.91			6.71			7.09			7.08					
Median Abs Dev																		
Avg Within Lab SD	0.05			0.03			0.05			0.02			0.01					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3TN8WU	5.52	-1.32	0.37	6.34	-0.63	0.55	6.23	-0.80	0.20	6.55	0.00	0.37	6.58	-0.23	0.44	
77WJFP	5.77	1.21	0.66	6.39	0.05	1.69	6.28	0.07	0.72	6.54	-0.19	1.83	6.57	-0.42	2.01	
FBHKCL	5.56	-0.91	0.09	6.38	-0.05	0.00	6.27	-0.07	0.00	6.61	0.60	0.37	6.64	0.56	0.00	
RN7PNZ	5.63	-0.13	0.92	6.30	-1.20	0.00	6.23	-0.80	1.99	6.50	-0.60		6.60	0.00	0.00	
WMHKH X	5.66	0.13	1.87	6.41	0.39	1.66	6.31	0.80	1.05							
ZULXP4	5.68	0.34	1.04	6.50	1.73	0.32	6.35	1.53	0.60	6.73	1.99	0.63	6.75	2.15	0.88	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	5.65			6.38			6.27			6.55			6.60			
Median Abs Dev	0.06			0.04			0.04			0.05			0.03			
Avg Within Lab SD	0.06			0.02			0.03			0.02			0.01			
Labs Included	6			6			6			5			5			
Labs Reporting	6			6			6			5			5			



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	22.1	1.15	0.99	20.9	0.03	1.76	4.7	0.73	0.48	135.5	1.77	2.30	13.5	1.56	1.06
2MJBB9	22.0	1.14	0.43	23.5	0.78	0.40	4.4	0.35	0.15	134.0	1.66	0.43	9.7	-0.14	0.47
3QWB9Z	16.5	-1.06		18.5	-0.65	0.52	3.7	-0.37	0.73	109.7	0.00	0.05	11.5	0.65	0.82
3TN8WU	20.8	0.63	0.07	22.2	0.42	0.16	4.1	0.08	0.00	116.3	0.46	0.34	9.8	-0.10	0.09
3VUPVP	19.1	-0.03		21.1	0.10		3.8	-0.24					9.8	-0.11	
3ZMTL9	20.4	0.49	0.00	22.7	0.56	0.00	3.7	-0.37	0.00	113.5	0.26		9.9	-0.08	0.00
42AU62	20.6	0.58	0.26	19.8	-0.28	0.73	4.7	0.74	0.15	125.3	1.07	0.57	12.2	0.96	0.33
69TFRE	18.5	-0.25	0.57	21.2	0.12	0.58	2.1	-2.01		120.1	0.71	4.56	8.6	-0.66	0.62
74RQNC	15.0	-1.65	0.98	12.7	-2.31	1.36	3.0	-1.07	0.67	103.9	-0.40	1.66	9.0	-0.48	0.57
7J3C82	20.9	0.69	0.32	22.3	0.43	0.26	4.3	0.28	1.02	110.5	0.06	0.53	8.4	-0.74	1.27
7KHVRY	18.3	-0.33	0.37	18.9	-0.53	0.58	5.2	1.19	0.53	106.4	-0.22	0.17	16.8	3.00X	0.41
894YMV	14.8	-1.73	1.46	15.4	-1.53	0.94	4.1	0.06	1.39	89.2	-1.40	1.35	6.7	-1.51	0.49
8CZM43	22.6	1.35	0.16	24.4	1.05	1.14	5.1	1.12	0.37	132.2	1.54	0.19	14.7	2.07	0.99
8DDEWJ	19.0	-0.05	0.09	20.5	-0.07	0.18	3.9	-0.16	0.04	107.4	-0.16	0.26	9.9	-0.06	0.27
8JZ2QP	9.8	-3.70X	0.33	11.1	-2.78X	0.35	2.1	-2.05	0.17	47.8	-4.23X	0.18	6.7	-1.51	0.43
8VVFNZ	16.8	-0.92	0.35	14.5	-1.80		3.5	-0.55		103.7	-0.41	0.67	12.7	1.17	0.47
AFD723	19.4	0.10	0.58	17.8	-0.84	0.41	5.3	1.32	0.29	108.4	-0.09	0.38	13.9	1.70	0.44
BCAQ6J	17.8	-0.56	1.56	15.0	-1.64	1.47	3.1	-0.94	0.74	111.7	0.14	0.81	10.2	0.09	1.60
BURRXZ	17.2	-0.78	0.12	17.6	-0.92	0.52	3.0	-1.07		108.0	-0.11	0.16	11.9	0.84	0.25
BYYKRW	16.8	-0.95	0.39	18.3	-0.72	0.94	2.5	-1.59	0.67	103.1	-0.45	0.58	6.7	-1.48	0.77
DVWYFJ	20.8	0.63	0.76	22.5	0.50	0.49	5.7	1.75	4.58	90.3	-1.33	0.03	10.6	0.24	1.86
EG8LEU	19.6	0.16	0.70	21.9	0.32	1.22	3.4	-0.65	0.37	135.0	1.73	0.66	9.5	-0.26	0.97
ET234V	16.5	-1.07	0.36	17.4	-0.96	1.48	1.5	-2.61	1.01	89.4	-1.38	0.44	7.1	-1.33	0.36
EZMVFU	16.2	-1.19	0.14	15.8	-1.41	0.12	4.0	-0.06	0.15	109.7	0.00	0.47	11.4	0.60	0.16
FBHKCL	17.1	-0.81	0.26	18.8	-0.56	0.10	3.2	-0.86	0.25	101.0	-0.59	0.08	7.8	-0.99	0.66
FF9VLK	18.6	-0.22	1.18	19.1	-0.48	1.00	4.0	0.01	0.15	122.3	0.87	1.84	12.6	1.13	0.68



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FTHDKE	20.0	0.35	1.37	21.0	0.07	0.98	4.5	0.54	1.80	143.3	2.30	0.73	8.4	-0.73	1.82	
FWHLNP	20.7	0.61	3.18	23.4	0.77	1.74	4.0	-0.01	2.66	122.0	0.84	0.98	10.1	0.04	0.76	
G67WCP	16.7	-0.97	0.17	17.5	-0.95	0.39	4.4	0.36	0.05	107.3	-0.16	0.36	11.5	0.64	0.06	
GWFC9D	21.4	0.88	0.04	22.7	0.55	0.13	4.2	0.19	0.20	112.3	0.18	0.14	9.3	-0.32	0.24	
JVUGHM	18.6	-0.23	0.06	20.3	-0.14	0.20	5.3	1.29	0.13	114.7	0.34	0.29	10.2	0.07	0.30	
JXXFTF	19.2	0.03	0.38	21.7	0.27	0.11	6.4	2.42	0.79	106.8	-0.20	0.75	9.6	-0.22	0.50	
K782FN	17.2	-0.79	1.19	19.1	-0.47	0.92	3.1	-0.93	0.69	123.2	0.92	0.32	11.8	0.78	0.76	
L8H7TC	16.7	-0.99	0.67	20.3	-0.12	0.63	3.8	-0.20	0.52	103.7	-0.41	0.57	11.8	0.80	2.04	
LJARY8	20.3	0.46	0.37	22.2	0.41	0.26	3.5	-0.54	0.72	121.0	0.77	0.15	10.1	0.04	0.10	
M3K2CD	20.4	0.49	1.07	23.9	0.90	1.18	4.2	0.23	0.28	124.0	0.98	0.90	10.7	0.28	0.50	
MDJ2PH	17.7	-0.59	0.19	20.8	0.02	0.32	3.5	-0.58	0.64	105.9	-0.26	0.11	7.7	-1.03	0.25	
MGHDKH	17.9	-0.50	0.32	16.7	-1.17	0.06	4.2	0.22	0.15	105.2	-0.30	0.11	12.6	1.13	0.09	
NC36WH	19.8	0.23	0.77	19.9	-0.26	2.92	3.9	-0.09	0.87	119.6	0.68	0.95	11.4	0.59	3.23	
NUMVW G	19.0	-0.08	0.60	21.2	0.13	0.48	3.4	-0.62	1.47	112.2	0.18	0.34	9.4	-0.27	2.59	
PFJPGC	19.9	0.28	1.78	22.2	0.43	1.90	6.8	2.86X	1.86	113.3	0.25	0.96	11.1	0.48	0.98	
QFZ6AK	16.5	-1.07	0.39	16.5	-1.23	0.32	4.8	0.81	0.88	98.7	-0.75	0.08	10.8	0.32	0.34	
RN7PNZ	21.8	1.03	2.52	23.2	0.69	2.77	3.5	-0.55	1.42	119.6	0.68	0.94	8.9	-0.50	0.62	
TRLGC8	19.4	0.11	0.07	22.0	0.37	0.17	4.1	0.05	0.62	66.4	-2.96	0.02	9.9	-0.07	0.95	
TXURR9	21.5	0.93	2.04	24.7	1.14	0.04	5.0	1.06	0.60	106.4	-0.23	1.15	12.9	1.29	1.25	
UKYQQD	22.0	1.10	0.91	24.4	1.05	1.10	4.5	0.45	0.62	121.1	0.78	0.75	11.1	0.47	1.04	
UPUKNE	18.5	-0.28	0.15	16.8	-1.14	0.03	4.3	0.25	0.11	96.5	-0.90	0.16	12.5	1.09	0.36	
VKWEAZ	19.5	0.15	0.58	20.9	0.03	0.67	3.8	-0.24	0.67	108.7	-0.07	0.65	9.1	-0.41	1.15	
VTM2DD	16.8	-0.93	0.04	17.7	-0.88	0.07	4.3	0.26	0.17	91.4	-1.25	0.00	11.4	0.60	0.59	
WMHKH X	22.0	1.12	1.22	24.4	1.05	1.13	4.4	0.37	0.57	116.9	0.50	0.55	9.8	-0.11	1.36	
XHF78D	19.8	0.25	0.39	20.7	-0.02	0.32	3.6	-0.50	0.23	107.8	-0.13	0.44	9.0	-0.46	0.38	



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4V33U	18.9	-0.12	0.82	17.7	-0.89	0.91	4.2	0.14	0.55	100.1	-0.65	0.23	15.1	2.24	1.05	
YUQVMU	21.2	0.82	0.26	23.4	0.77	0.16	4.1	0.11	0.15	122.0	0.84	0.16	10.0	-0.04	0.25	
ZM2WAQ	21.7	0.99	2.55	21.7	0.26	1.60	3.8	-0.27	0.53	105.7	-0.27	2.02	9.8	-0.13	0.66	
ZRFFR8	15.4	-1.49		16.4	-1.25		3.1	-0.96		107.2	-0.17		8.2	-0.85		
NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	19.2			20.8			4.03			109.7			10.0			
Median Abs Dev	1.6			2.0			0.50			6.7			1.3			
Avg Within Lab SD	0.8			1.0			0.39			6.2			0.6			
Labs Included	54			54			54			53			54			
Labs Reporting	55			55			55			54			55			



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7XMU3Q	16.3	-0.91	1.63	23.7		1.00	2.7		0.97	115.0		1.20	14.3	1.55	1.82
J9JG9P	19.8	0.05	0.12	22.2		0.66	5.7		1.06	110.8		0.42	9.6	0.00	0.33
RRLWCZ	11.0	-2.35		11.0	X		3.0			82.0	X	0.55	6.7	-0.95	0.50
WD9E68	19.9	0.07	1.04	22.2		1.42				112.8		0.50	8.3	-0.41	0.75
XKMN79	19.7	0.00	0.50	20.7		0.75	5.7		0.97	107.0		1.46	11.0	0.46	0.87
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	19.7			22.2			4.33			111.8			9.58		
Median Abs Dev	0.2												1.42		
Avg Within Lab SD	2.3			1.5			0.60			3.6			1.14		
Labs Included	5			4			4			4			5		
Labs Reporting	5			5			4			5			5		



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KNPZM8	22.5		1.00	23.5		1.00	3.2		1.00	116.6		1.00	9.2		1.00			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
Grand Median	22.5			23.5			3.20			116.6			9.19					
Median Abs Dev																		
Avg Within Lab SD	0.5			0.0			0.74			1.8			0.64					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS2405		
SRS2401				SRS2402				SRS2403				SRS2404			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
UYYPDA	14.0		0.75	11.8		1.18	2.0		1.00	80.1		0.93	8.8		1.00
WD9E68	19.6		1.20	20.4		0.78				112.3		1.07	9.2		1.00

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS2405		
SRS2401				SRS2402				SRS2403				SRS2404			
Grand Median	16.8			16.1			1.98			96.2			9.03		
Median Abs Dev															
Avg Within Lab SD	1.0			2.0			0.48			7.2			0.61		
Labs Included	2			2			1			2			2		
Labs Reporting	2			2			1			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	
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	8.85	0.28	2.02	6.22	0.33	2.63	16.18	0.24	0.40	3.61	-0.64	0.84	3.43	0.31	1.82	
3QWB9Z	6.75	-0.78	0.17	5.75	0.04	0.18	15.47	0.00	0.17	3.60	-0.65	0.11	2.68	-0.19	0.20	
3TN8WU	9.93	0.83	0.71	7.17	0.94	0.54	15.70	0.08	0.49	4.57	0.07	0.57	3.40	0.29	0.00	
3ZMTL9	7.70	-0.30	0.00	5.46	-0.15	0.00	14.20	-0.42	0.00	3.78	-0.52	0.00	1.83	-0.76	0.00	
42AU62	10.17	0.95	0.52	5.83	0.09	1.50	17.03	0.52	0.79	4.60	0.09	0.81	3.77	0.54	0.82	
7J3C82	8.83	0.28	0.26	6.50	0.51	0.18	17.53	0.69	0.64	5.43	0.71	0.79	2.90	-0.04	0.27	
894YMV	4.59	-1.87	0.15	3.41	-1.46	0.11	8.92	-2.17	0.32	2.75	-1.29	0.32	1.26	-1.14	0.06	
8CZM43	12.44	2.11	3.41	9.98	2.73X	3.28	21.85	2.12	3.77	8.75	3.18X	3.55	6.75	2.53	3.61	
8DDEWJ	10.23	0.99	0.31	7.80	1.35	0.36	17.15	0.56	0.62	5.11	0.47	0.63	3.69	0.48	0.35	
8VVFNZ	8.40	0.06	0.51	5.43	-0.17	0.54	14.97	-0.17	0.31	4.40	-0.06	0.23	3.30	0.23	0.54	
BCAQ6J	6.87	-0.72	0.84	3.33	-1.51	0.25	13.75	-0.57	1.19	3.09	-1.03	0.24	1.65	-0.88	0.35	
BURRXZ	8.77	0.24	0.43	4.80	-0.57	0.47	17.00	0.51	0.27	3.60	-0.65	0.90	3.17	0.14	0.56	
BYYKRW	11.55	1.66	2.28	9.10	2.17	0.95	22.82	2.44	0.66	6.93	1.82	1.01	6.13	2.12	1.85	
DVWYFJ	0.07	-4.16X	0.00	0.07	-3.59X	0.00	0.71	-4.90X	0.39	0.07	-3.28X	0.00	0.07	-1.94	0.00	
EG8LEU	9.81	0.77	0.26	7.24	0.99	0.70	17.35	0.62	0.95	4.50	0.02	1.27	4.06	0.74	2.62	
EZMVFU	7.38	-0.46	0.20	4.60	-0.70	0.04	15.78	0.11	0.32	4.11	-0.27	0.20	3.03	0.04	0.14	
FBHKCL	7.67	-0.31	0.10	5.27	-0.27	0.10	13.53	-0.64	0.08	4.47	-0.01	0.13	2.90	-0.04	0.54	
FF9VLK	7.00	-0.65	0.74	4.23	-0.93	0.80	16.40	0.31	1.43	4.37	-0.08	0.72	2.57	-0.27	0.56	
FWHLNP	9.29	0.51	2.24	7.26	1.00	3.37	15.87	0.13	1.36	6.07	1.19	3.86	2.84	-0.08	0.18	
G67WCP	8.32	0.02	0.40	5.69	0.00	0.30	13.66	-0.60	0.68	5.46	0.73	0.11	3.67	0.47	0.58	
GWFC9D	4.53	-1.90	0.21	4.11	-1.01	0.15	11.25	-1.40	0.16	2.41	-1.54	0.34	1.68	-0.86	0.07	
JVUGHM	8.06	-0.11	0.66	4.41	-0.82	0.39	17.15	0.56	1.94	1.78	-2.01	0.37	0.61	-1.57	0.81	
JXXFTF	8.25	-0.02	0.29	5.48	-0.14	0.04	14.87	-0.20	0.24	4.48	0.00	0.06	2.19	-0.52	0.18	
L8H7TC	5.48	-1.42	0.37	3.94	-1.12	0.42	8.06	-2.46	0.54	3.64	-0.63	0.82	3.08	0.08	0.52	
LJARY8	8.15	-0.07	0.11	5.58	-0.07	0.06	15.22	-0.08	0.26	3.63	-0.63	0.11	2.21	-0.51	0.06	
M3K2CD	9.17	0.45	0.84	6.30	0.39	0.72	16.03	0.19	1.54	5.30	0.61	1.43	2.23	-0.49	0.77	



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MDJ2PH	10.03	0.89	0.35	6.50	0.51	0.18	12.70	-0.92	0.27	6.33	1.38	0.47	4.80	1.23	0.54
MGHDKH	7.58	-0.36	0.38	5.06	-0.41	0.24	15.67	0.07	0.51	5.12	0.48	0.57	3.29	0.22	0.19
PFJPGC	9.56	0.64	0.84	7.80	1.34	1.48	15.33	-0.05	0.56	5.92	1.07	2.02	3.65	0.46	2.29
QFZ6AK	7.07	-0.62	0.26	4.83	-0.55	0.44	11.97	-1.16	0.31	4.57	0.07	0.79	3.50	0.36	0.54
RN7PNZ	10.99	1.37	1.91	7.63	1.24	2.52	17.15	0.56	0.45	5.26	0.58	2.10	2.21	-0.51	0.60
TRLGC8	16.41	4.12X	2.33	11.08	3.44X	1.94	21.69	2.07	0.66	8.97	3.34X	0.36	6.77	2.55	0.69
UPUKNE	6.76	-0.77	0.10	5.89	0.13	0.31	14.05	-0.47	0.22	6.12	1.22	0.12	3.37	0.27	0.22
VTM2DD	7.55	-0.37	0.16	4.73	-0.61	0.05	13.61	-0.62	0.04	5.38	0.67	0.06	3.90	0.63	0.04
WD9E68	9.66	0.69	0.23	6.95	0.80	0.11	15.91	0.15	0.22	5.05	0.43	0.32	2.11	-0.57	0.38
WMHKH X	7.79	-0.25	0.54	4.84	-0.55	0.49	14.32	-0.38	1.08	2.74	-1.30	0.42	1.80	-0.78	0.36
XHF78D	7.43	-0.44	0.48	6.63	0.60	0.22	14.13	-0.44	1.61	4.19	-0.22	0.47	2.40	-0.38	0.35
ZM2WAQ	8.54	0.13	0.58	5.92	0.14	1.09	14.60	-0.29	1.29	3.84	-0.48	0.09	2.33	-0.42	0.24

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	8.29			5.69			15.5			4.48			2.96		
Median Abs Dev	1.11			0.89			1.5			0.84			0.73		
Avg Within Lab SD	0.59			0.57			0.7			0.44			0.37		
Labs Included	36			35			37			35			38		
Labs Reporting	38			38			38			38			38		



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	7.4	-1.02	2.04	27.4	-1.11	1.75	32.8	-1.57	1.84	71.2	-0.33	1.27	71.2	-0.97	0.34
2442A9	15.2	1.96	1.17	32.0	-0.22	0.49	35.6	-0.79	2.70	78.2	0.59	1.28	84.8	0.98	1.20
42AU62	9.6	-0.19	1.09	35.6	0.49	1.78	41.6	0.88	0.93	72.5	-0.16	0.58	80.9	0.42	0.97
44GAC8	13.8	1.41	0.18	29.3	-0.74	0.34	35.8	-0.74	0.26	62.6	-1.46	0.34	73.2	-0.69	0.09
74RQNC	9.9	-0.09	0.28	32.5	-0.12	0.53	38.5	0.02	1.09	80.3	0.87	1.73	86.9	1.28	1.33
7J3C82	10.0	-0.04	1.82	30.3	-0.54	0.55	38.7	0.07	0.33	86.0	1.61	0.52	79.3	0.19	0.49
8JZ2QP	1.2	-3.41X	0.06	3.9	-5.71X	0.10	4.2	-9.56X	0.05	7.5	-8.67X	0.06	8.6	-9.98X	0.07
8VVFNZ	8.7	-0.55	1.05	27.7	-1.06	1.10	36.3	-0.58	0.33	76.3	0.34	0.60	81.3	0.48	0.24
AFD723	11.0	0.34		35.0	0.37		40.0	0.44		71.3	-0.31	0.60	75.7	-0.34	1.06
BCAQ6J	6.5	-1.39	0.92	21.7	-2.23	1.09	21.7	-4.68X	0.11	63.6	-1.32	1.49	50.2	-4.00X	1.77
EZMVFU	9.0	-0.42	0.32	28.2	-0.95	0.05	33.9	-1.26	0.85	68.6	-0.66	0.67	72.3	-0.82	1.25
FBHKCL	9.6	-0.20	0.11	35.4	0.45	0.19	36.1	-0.66	0.44	69.4	-0.57	0.11	64.2	-1.98	0.47
FF9VLK	10.6	0.20	1.37	37.8	0.91	1.68	43.1	1.30	1.31	82.8	1.19	2.23	85.0	1.01	2.56
FXAHDJ	8.6	-0.59	0.11	34.4	0.25	0.12	40.1	0.47	0.08	74.1	0.05	0.11	83.4	0.78	0.10
G67WCP	11.7	0.61	1.65	30.2	-0.57	1.55	33.2	-1.47	0.82	67.0	-0.87	1.75	77.6	-0.06	0.49
G8YTZJ	9.8	-0.11	0.00	38.7	1.09	0.33	38.5	0.02	1.81	73.4	-0.04	0.29	68.5	-1.37	1.71
GEGYXQ	10.1	0.00	0.48	34.9	0.36	0.47	37.7	-0.20	1.03	74.9	0.16	1.85	83.1	0.73	0.27
L8H7TC	9.6	-0.19	0.46	34.4	0.26	0.67	35.4	-0.84	1.22	87.5	1.81	1.66	76.0	-0.29	1.73
M3K2CD	10.1	0.00	0.63	38.6	1.07	0.38	40.7	0.65	0.18	74.0	0.04	0.86	69.1	-1.27	0.56
MGHDKH	13.7	1.36	1.05	32.0	-0.21		38.3	-0.02	0.33	66.3	-0.96	0.60	78.0	0.00	0.73
RRLWCZ	11.0	0.34	1.82	32.3	-0.15	0.55	38.3	-0.02	0.33	67.3	-0.83	0.30	81.3	0.48	0.24
THFEE3	16.3	2.36	0.87	34.8	0.34	0.25	40.3	0.54	0.89	74.0	0.04	0.52	80.3	0.34	0.88
TXURR9	10.0	-0.03	1.38	36.3	0.63	0.49	38.6	0.06	0.68	69.8	-0.51	0.23	74.4	-0.52	0.23
UKYQQD	10.1	-0.02	0.20	37.3	0.81	0.03	44.3	1.64	0.12	81.1	0.96	0.35	100.2	3.19X	0.65
UPUKNE	12.2	0.80	0.34	30.3	-0.54	0.36	36.2	-0.61	0.17	67.0	-0.88	0.05	74.7	-0.47	0.15
VTM2DD	14.0	1.50	0.00	38.8	1.11	0.00	40.5	0.57	0.00	81.1	0.96	0.00	77.8	-0.04	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WD9E68	13.1	1.16	0.94	45.1	2.34	2.92	44.0	1.56	1.68	97.4	3.10	1.92	79.5	0.22	1.28	
WMVDVC	9.6	-0.19	0.15	33.1	0.00	0.67	38.6	0.05	0.10	75.1	0.18	1.06	80.6	0.37	1.19	
Y4V33U	10.3	0.09	1.05	30.3	-0.54	0.55	35.0	-0.96	0.58	67.0	-0.88	0.52	68.3	-1.39	0.88	
ZU7E67	16.3	2.38	1.05	32.7	-0.08	1.10	35.3	-0.86	0.33	76.0	0.30	0.52	83.0	0.72	0.42	

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	10.1			33.1			38.4			73.7			78.0			
Median Abs Dev	0.9			2.8			2.2			4.8			3.6			
Avg Within Lab SD	0.5			1.1			1.7			1.9			2.4			
Labs Included	29			29			28			28			27			
Labs Reporting	30			30			30			30			30			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3A8ZLX	6.1	-0.30	0.07	27.4	0.15	0.22	31.7	1.16	0.15	61.7	0.30	0.07	57.5	0.35	0.16	
3TN8WU	6.9	0.04	0.79	26.9	0.02	0.66	24.9	-0.68	2.31	29.3	-1.70	2.93	33.1	-1.49	1.39	
BLYE38	6.1	-0.32	0.05	27.1	0.07	0.09	33.3	1.60	0.20	66.8	0.61	0.16	62.0	0.69	0.65	
CMMA3L	5.4	-0.63	0.03	23.1	-0.97	0.14	24.7	-0.73	0.36	71.4	0.89	0.39	72.4	1.47	1.28	
FBHKCL	6.7	-0.04	0.05	24.8	-0.53	0.10	25.8	-0.43	0.52	48.6	-0.51	0.04	44.9	-0.60	0.42	
JKCZPF	7.9	0.50	0.25	31.3	1.19	1.59	31.1	1.01	0.81	77.6	1.27	0.11	66.3	1.00	0.03	
MDJ2PH	10.5	1.69	0.32	28.5	0.46	0.54	29.5	0.57	0.45	51.4	-0.33	0.16	49.4	-0.26	0.28	
NUMVW G	12.3	2.47	1.07	26.7	-0.02	1.67	27.8	0.10	1.33	63.5	0.41	0.05	56.4	0.26	1.85	
TRLGC8	7.7	0.40	2.65	23.0	-1.01	1.69	27.0	-0.10	0.75	52.0	-0.30	0.42	49.3	-0.27	1.15	
ZRFFR8	6.0	-0.34		18.0	-2.33		26.0	-0.37		50.0	-0.42		48.0	-0.37		

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	6.77			26.8			27.4			56.9			52.9			
Median Abs Dev	0.83			1.9			2.3			7.6			6.4			
Avg Within Lab SD	1.09			1.0			1.3			4.1			2.0			
Labs Included	10			10			10			10			10			
Labs Reporting	10			10			10			10			10			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	7.6	2.09	2.19	9.4	-1.44	2.66	12.2	-0.64	1.14	27.5	-0.59	1.33	27.4	0.25	1.04	
2ATECV	23.6	10.80X	1.65	31.5	7.63X	1.07	32.7	9.21X	0.13	52.0	2.86	1.71	35.4	1.76	0.05	
2MJBB9	5.5	0.96		13.0	0.03		14.0	0.24		33.0	0.19		25.0	-0.22		
3A8ZLX	3.4	-0.16	0.30	12.9	-0.01	0.48	13.5	0.00	0.55	31.6	-0.01	0.28	24.9	-0.24	0.15	
3TN8WU	6.3	1.41	2.88	14.0	0.44	2.45	15.0	0.72	2.44	29.0	-0.38	0.59	21.3	-0.92	0.86	
3VUPVP	1.9	-0.99		10.3	-1.08		10.7	-1.34		27.8	-0.55		22.0	-0.79		
42AU62	3.7	-0.01	0.14	11.2	-0.71	0.89	12.5	-0.49	0.92	28.4	-0.46	1.01	23.3	-0.54	0.59	
7J3C82	2.0	-0.94		9.3	-1.48	0.82	12.0	-0.72	1.22	30.3	-0.19	0.34	30.0	0.74	0.75	
7KHVRY	3.6	-0.07	0.90	11.1	-0.75	0.25	13.3	-0.11	0.25	29.6	-0.30	0.65	25.8	-0.06	0.73	
8JZ2QP	0.3	-1.88	0.03	0.6	-5.05X	0.02	0.7	-6.11X	0.02	1.6	-4.23X	0.02	1.6	-4.70X	0.07	
8VVFNZ	4.3	0.33	1.44	12.7	-0.11	0.82	16.0	1.20		34.0	0.33		29.7	0.67	0.43	
AFD723	4.6	0.45	0.14	13.0	0.01	1.06	16.3	1.33	0.25	33.8	0.30	0.12	34.7	1.64	0.04	
BCAQ6J	4.6	0.46	0.53	10.3	-1.09	0.17	12.7	-0.36	0.12	28.8	-0.40	0.73	24.4	-0.34	0.67	
BLYE38	4.3	0.33	0.11	15.8	1.18	0.17	15.5	0.95	0.06	39.2	1.06	0.53	29.3	0.61	0.20	
BYYKRW	5.3	0.87	1.44	14.7	0.71	0.82	15.3	0.88	0.70	38.7	0.99	0.68	30.7	0.87	0.43	
CMMA3L	2.5	-0.69	0.60	13.0	0.04	0.27	13.2	-0.14	0.17	67.7	5.08	0.69	27.2	0.21	0.34	
EG8LEU	3.1	-0.32	1.04	20.8	3.23X	1.98	20.5	3.34X	0.70	50.8	2.70	0.85	40.7	2.79X	0.62	
EZMVFU	5.4	0.89	0.14	9.9	-1.25	0.14	12.1	-0.68	0.19	27.5	-0.59	0.09	30.2	0.78	0.27	
FBHKCL	3.8	0.02	0.14	13.6	0.27	0.14	13.6	0.07	0.07	33.8	0.31	0.03	26.7	0.11	0.23	
FF9VLK	4.8	0.56	1.50	13.3	0.15	1.60	15.7	1.07	3.19	37.5	0.82	1.66	31.6	1.04	2.65	
FTHDKE	1.4	-1.25	0.12	8.8	-1.71	1.80	10.9	-1.24	1.00	28.9	-0.39	0.94	20.5	-1.07	0.63	
G67WCP	6.7	1.63	0.57	17.3	1.81	1.60	29.9	7.84X	2.07	36.7	0.72	0.50	38.1	2.29	0.28	
G8YTZJ	4.4	0.38	0.38	13.3	0.16	0.64	14.3	0.39	0.44	30.7	-0.13	0.52	23.6	-0.49	0.26	
GWFC9D	4.5	0.44	0.42	15.8	1.16	0.14	14.6	0.53	0.10	36.0	0.61	0.31	27.4	0.23	0.17	
J9JG9P	3.5	-0.11	0.52	11.3	-0.66	0.64	11.7	-0.84	0.99	31.4	-0.03	0.33	20.2	-1.14	0.27	
JKCZPF	3.0	-0.42	0.09	14.1	0.47	0.84	11.4	-1.00	0.11	41.1	1.33	0.00	26.8	0.14	0.90	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JVUGHM	3.7	0.00	0.61	14.3	0.55	0.71	12.9	-0.27	0.56	35.1	0.48	0.43	24.8	-0.25	0.80	
K782FN	3.8	0.03	0.52	11.0	-0.80	0.16	12.2	-0.61	0.35	27.2	-0.64	0.39	24.3	-0.35	0.72	
KNPZM8	3.7	0.00	0.36	11.9	-0.43	0.68	13.0	-0.22	0.24	29.8	-0.26	0.41	19.8	-1.22	0.23	
M3K2CD	3.0	-0.42	0.24	13.1	0.08	0.71	15.1	0.75	1.73	33.9	0.31	1.54	27.5	0.26	0.39	
MDJ2PH	6.4	1.47	0.52	14.2	0.52	0.43	15.3	0.85	0.49	29.3	-0.34	0.24	22.9	-0.61	0.11	
MGHDKH	1.7	-1.12	1.44	10.3	-1.07	0.82	13.0	-0.24		31.7	0.00	1.23	30.0	0.74		
NC36WH	7.7	2.14	1.65	12.6	-0.15	1.09	15.3	0.87	0.94	33.0	0.18	2.94	30.5	0.84	2.66	
NUMVW G	2.7	-0.54	1.94	11.5	-0.59	1.16	11.8	-0.79	1.07	25.4	-0.88	1.21	20.1	-1.16	2.25	
PHP8HT	2.9	-0.43	0.20	14.5	0.66	0.63	15.6	1.01	0.59	35.7	0.57	1.94	26.5	0.06	0.55	
RRLWCZ	8.3	2.50	1.44	17.0	1.67		21.0	3.59X	1.22	34.3	0.38	0.34	33.3	1.38	0.43	
TXURR9	3.4	-0.19	0.31	11.5	-0.58	0.20	10.9	-1.23	0.74	23.9	-1.10	0.87	21.3	-0.93	0.82	
UKYQQD	3.5	-0.15	0.53	10.8	-0.88	1.11	11.4	-0.99	0.24	27.2	-0.63	0.61	23.5	-0.50	0.92	
UPUKNE	3.6	-0.07	0.31	10.7	-0.90	0.18	14.3	0.40	0.26	33.2	0.22	0.26	28.5	0.46	0.09	
VKWFAZ	2.6	-0.61	0.25	13.3	0.16	1.43	13.9	0.21	1.24	32.9	0.17	1.69	22.6	-0.68	1.95	
VTM2DD	4.6	0.45	0.00	15.8	1.16	0.00	11.6	-0.89	0.00	28.8	-0.41	0.00	25.6	-0.11	0.00	
XKMN79	3.3	-0.22	1.44	11.7	-0.52	0.82	11.7	-0.87	0.70	26.3	-0.75	1.71	22.3	-0.73	2.28	
XPXC76	10.9	3.88X	0.73	19.8	2.83X	0.10	16.2	1.27	0.52	38.7	1.00	0.75	30.6	0.86	0.18	
Y4V33U	5.3	0.87	1.44	12.3	-0.25	0.82	13.7	0.08	0.70	27.7	-0.56	0.90	27.3	0.23	1.14	
YUQVMU	5.0	0.69		14.0	0.44		15.0	0.72		30.3	-0.19	0.34	24.0	-0.41		
ZM2WAQ	3.5	-0.11	0.63	13.3	0.16	0.82	14.3	0.40	1.86	31.7	0.00	1.23	22.3	-0.73	1.14	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	3.73	12.9	13.5	31.7	26.1	
Median Abs Dev	0.83	1.4	1.5	2.9	3.4	
Avg Within Lab SD	0.40	0.7	0.8	1.7	1.3	
Labs Included	44	42	41	45	44	
Labs Reporting	46	46	46	46	46	



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3TN8WU	0.77		1.00	3.13		0.62	2.53		1.10	75.17		1.39	41.20		1.12
RN7PNZ				2.10		1.27	2.17		0.89	42.50		0.26	29.33		0.86
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	0.77			2.62			2.35			58.8			35.3		
Median Abs Dev															
Avg Within Lab SD	0.50			0.67			0.65			5.1			1.5		
Labs Included	1			2			2			2			2		
Labs Reporting	1			2			2			2			2		



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
VKWFAZ	5.2		0.63	23.6		0.30	26.2		0.59	54.4		1.05	47.4		1.10
ZM2WAQ	5.9		1.27	28.7		1.38	27.7		1.29	60.0		0.95	50.7		0.89
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	5.57			26.1			26.9			57.2			49.0		
Median Abs Dev															
Avg Within Lab SD	0.28			1.5			0.4			1.8			1.3		
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		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	14.7	-1.11	0.82	34.0	-1.27	2.29	41.5	-0.62	1.93	212.6	0.08	0.91	148.7	0.93	0.71	
42AU62	22.3	0.85	1.91	56.1	1.54	0.66	56.5	1.12	0.37	268.0	2.06	0.20	157.3	1.32	0.17	
74RQNC	18.9	-0.03	0.42	39.2	-0.61	0.67	39.7	-0.83	1.73	247.0	1.31	1.60	126.0	-0.10	1.30	
7J3C82	15.0	-1.03		42.3	-0.21	0.27	49.3	0.29	0.46	206.0	-0.16	0.71	127.0	-0.05	0.30	
8JZ2QP	20.3	0.33	0.51	47.5	0.44	1.23	46.8	0.00	0.85	208.1	-0.08	0.72	142.7	0.66	1.15	
EZMVFU	19.9	0.24	0.94	42.2	-0.23	0.17	39.7	-0.83	0.87	229.4	0.68	0.47	128.2	0.00	0.31	
FBHKCL	18.8	-0.05	0.53	44.0	0.00	0.05	34.8	-1.40	0.37	189.9	-0.73	0.16	112.8	-0.70	0.24	
FF9VLK	20.0	0.25	1.45	51.5	0.96	1.62	49.6	0.32	1.31	237.3	0.97	2.00	136.7	0.38	2.30	
G8YTZJ	26.8	2.00	0.52	59.8	2.01	0.38	52.3	0.63	0.78	193.9	-0.59	1.02	100.4	-1.26	0.25	
MGHDKH	19.0	0.00		44.7	0.08	0.27	50.7	0.44	0.46	210.3	0.00	0.16	141.3	0.60	0.23	
TRLGC8	12.0	-1.81	1.16	38.7	-0.68	1.52	34.3	-1.45	0.46	161.3	-1.75	1.63	85.7	-1.93	1.56	
UPUKNE	18.8	-0.04	0.16	47.4	0.43	0.20	48.4	0.18	0.22	201.6	-0.31	0.04	138.8	0.48	0.08	
Y4V33U	23.0	1.03	1.16	41.7	-0.30	0.27	41.3	-0.64	1.22	211.7	0.05	0.77	120.7	-0.34	1.17	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	19.0			44.0			46.8			210.3			128.2			
Median Abs Dev	1.3			3.5			5.5			16.5			13.1			
Avg Within Lab SD	0.9			2.1			1.3			9.8			6.7			
Labs Included	13			13			13			13			13			
Labs Reporting	13			13			13			13			13			



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ATECV	288.09	95.15X	2.08	245.22	98.06X	10.31	204.96	77.50X	0.04	254.59	48.23X	3.84	245.62	74.05X	11.70
2P9CJH	12.72	2.72	0.50	9.30	2.02	0.12	18.10	4.27X	0.50	15.49	-0.40	0.95	11.86	1.55	0.54
3QWB9Z	5.00	0.13		4.75	0.17	0.19	10.25	1.20	0.13	18.00	0.11	0.28	4.00	-0.88	0.51
3TN8WU	6.67	0.69	1.79	4.33	0.00	0.87	11.00	1.49	4.04	25.33	1.60	0.32	13.67	2.12	2.57
42AU62	5.67	0.35	0.89	5.00	0.27		8.33	0.44	0.29	15.67	-0.36	0.32	7.33	0.15	0.59
74RQNC	6.33	0.58	0.89	5.33	0.41	0.43	11.33	1.62	0.29	22.67	1.06	0.32	10.00	0.98	
8CZM43	4.84	0.07	1.92	5.40	0.43	1.68	10.82	1.42	1.50	21.07	0.73	1.24	8.15	0.41	1.99
8JZ2QP	2.06	-0.86	0.24	2.48	-0.76	0.11	4.52	-1.05	0.08	17.51	0.01	0.10	5.52	-0.41	0.12
8VVFNZ	3.67	-0.32	0.89	4.00	-0.14		6.33	-0.34	0.29	18.67	0.25	0.32	9.00	0.67	
AFD723	3.86	-0.25	0.14	3.50	-0.34	0.02	7.90	0.27	0.10	14.77	-0.55	0.06	5.32	-0.47	0.14
EZMVFU	3.07	-0.52	0.09	3.23	-0.45	0.28	7.20	0.00	0.13	12.67	-0.97	0.40	4.40	-0.76	0.41
G8YTZJ	2.84	-0.60	0.09	4.32	0.00	0.11	8.56	0.53	0.13	20.34	0.59	0.24	5.48	-0.42	0.08
JVUGHM	1.71	-0.98	0.26	1.45	-1.18	0.09	6.27	-0.36	0.10	15.56	-0.39	0.21	2.97	-1.20	0.25
L8H7TC	7.50	0.97	0.56	5.90	0.64	0.11	8.76	0.61	0.05	8.79	-1.76	0.52	8.17	0.41	0.50
MGHDKH	6.39	0.60	0.05	4.62	0.12	0.05	7.52	0.12	0.04	13.16	-0.87	0.05	5.90	-0.29	0.06
NC36WH	8.32	1.24	1.82	6.22	0.77	1.27	5.91	-0.51	1.07	15.93	-0.31	0.56	6.84	0.00	1.94
NUMVW G	1.00	-1.21		2.33	-0.81	1.73	7.00	-0.08	1.35	16.00	-0.30	0.56	4.00	-0.88	1.02
PHP8HT	22.13	5.88X	7.01	10.29	2.42	2.94	7.15	-0.02	1.31	15.41	-0.42	0.00	5.60	-0.39	0.62
QFZ6AK	4.40	-0.07	0.00	3.47	-0.35	0.11	7.77	0.22	0.08	13.57	-0.79	0.09	5.47	-0.43	0.16
RRLWCZ	3.00	-0.54		1.00	-1.36		6.33	-0.34	0.29	33.33	3.23X	0.86	9.00	0.67	1.02
UPUKNE	6.47	0.62	0.38	5.86	0.62	0.11	8.49	0.51	0.11	16.18	-0.26	0.07	7.20	0.11	0.04
UYYPDA	15.20	3.55X	2.87	16.46	4.94X	0.29	27.05	7.78X	1.32	30.52	2.66	4.10	14.05	2.24	0.99
VKWFAZ							4.73	-0.97	0.06	18.80	0.27	0.26	4.40	-0.76	0.27
WD9E68	2.15	-0.83	0.21	2.59	-0.71	0.06	4.46	-1.07	0.05	17.41	-0.01	0.22	4.05	-0.86	0.15
XKMN79	6.33	0.58	2.37	7.33	1.22	1.89	5.00	-0.86	0.51	25.33	1.60	1.72	7.67	0.26	2.13



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4V33U	3.66	-0.32	0.93	4.28	-0.02	0.44	5.96	-0.49	0.05	20.91	0.70	0.92	7.09	0.08	0.34	
ZM2WAQ	2.60	-0.68	0.15	2.93	-0.57	0.09	5.03	-0.85	0.11	18.67	0.25	0.32	4.37	-0.77	0.16	
ZRFFR8	6.00	0.46		7.00	1.09		11.00	1.49		19.00	0.31		7.00	0.05		
SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	4.62			4.33			7.20			17.5			6.84			
Median Abs Dev	1.74			1.40			1.29			2.0			1.53			
Avg Within Lab SD	0.65			1.33			1.96			1.8			0.98			
Labs Included	24			25			25			26			27			
Labs Reporting	27			27			28			28			28			



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	163.5	-0.12	1.02	74.8	-0.72	2.01	156.1	0.52	1.05	564.8	0.35	1.12	233.4	0.40	0.81
2442A9	148.7	-0.78	0.70	73.5	-0.82	0.29	143.4	-0.32	0.39	529.5	-0.34	0.47	234.4	0.43	0.23
2ATECV	190.8	1.10	0.56	94.0	0.68	0.05	155.3	0.47	0.22	207,568.0	053.46X	893.83	210.9	-0.30	0.20
2MJBB9	149.0	-0.77	0.21	88.7	0.29	0.19	145.0	-0.22	0.34	541.0	-0.11	0.06	197.3	-0.72	0.07
3A8ZLX	177.9	0.53	0.08	92.7	0.58	0.42	162.1	0.92	0.26	617.5	1.39	0.06	223.5	0.09	0.04
3TN8WU	185.3	0.86	0.97	97.0	0.90	0.88	174.0	1.71	3.08	608.7	1.21	0.72	223.7	0.09	1.36
3VUPVP	184.0	0.80		90.0	0.39		148.0	-0.02		549.0	0.04		205.0	-0.48	
42AU62	170.0	0.17	1.28	73.7	-0.80	0.77	165.3	1.13	0.30	523.7	-0.45	0.34	260.0	1.22	0.57
44GAC8	140.0	-1.17	0.21	63.9	-1.52	0.35	135.3	-0.86	1.38	526.3	-0.40	0.10	229.3	0.27	0.31
74RQNC	138.7	-1.23	1.08	69.0	-1.14	0.33	139.7	-0.57	0.79	514.0	-0.64	1.05	229.7	0.28	2.91
7J3C82	161.6	-0.20	0.18	70.6	-1.03	0.41	148.5	0.01	0.15	546.8	0.00	0.11	246.1	0.79	0.13
7KHVRY	181.5	0.69	0.75	86.1	0.10	0.21	160.7	0.83	1.23	559.2	0.24	0.81	253.6	1.02	0.64
8DDEWJ	178.7	0.56	0.10	90.7	0.44	0.22	154.4	0.41	0.23	566.8	0.39	0.19	193.4	-0.84	0.50
8JZ2QP	158.4	-0.35	0.91	61.4	-1.70	0.81	137.4	-0.72	1.04	489.2	-1.13	0.56	245.4	0.77	0.61
8VVFNZ	163.7	-0.11	0.48	74.7	-0.73	0.70	141.7	-0.44	0.57	553.3	0.13	0.29	258.3	1.17	0.51
AFD723	159.0	-0.32	0.42	72.7	-0.88	0.70	142.0	-0.42	0.78	562.7	0.31	0.31	233.0	0.38	0.87
BCAQ6J	143.3	-1.02	0.76	68.8	-1.16	1.16	140.6	-0.51	1.74	532.6	-0.28	0.06	257.6	1.15	0.16
BLYE38	201.5	1.58	0.00	112.6	2.04	0.00	170.6	1.48	0.00	633.5	1.70	0.00	225.8	0.16	0.00
BYYKRW	171.2	0.23	0.54	88.5	0.28	0.78	132.6	-1.04	0.93	464.9	-1.60	0.32	168.7	-1.61	1.12
CMMA3L	191.3	1.13	0.31	99.0	1.05	0.51	164.5	1.08	0.29	579.8	0.65	0.11	220.9	0.01	0.25
EG8LEU	158.2	-0.35	0.61	82.9	-0.13	0.23	131.5	-1.12	1.10	511.4	-0.69	0.27	181.0	-1.23	0.46
EZMVFU	124.0	-1.89	0.73	77.7	-0.51	0.19	128.0	-1.35	0.20	470.0	-1.50	0.26	206.7	-0.43	0.50
FF9VLK	166.0	-0.01	1.51	81.0	-0.27	1.34	150.3	0.14	2.23	526.7	-0.39	0.40	235.3	0.46	1.26
FTHDKE	177.4	0.50	1.01	88.7	0.29	0.30	120.7	-1.83	0.57	516.3	-0.60	0.65	173.3	-1.46	0.36
G67WCP	130.0	-1.62		65.0	-1.44		150.0	0.12	0.98	515.0	-0.62	1.01	245.0	0.75	
G8YTZJ	172.1	0.27	0.36	91.9	0.53	0.47	150.2	0.13	0.22	564.5	0.35	0.10	206.9	-0.43	0.43



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GEYXQ	171.7	0.25	0.67	74.3	-0.75	0.39	163.7	1.02	0.57	553.0	0.12	0.29	295.7	2.32	1.96
GWFC9D	157.0	-0.41	0.42	85.9	0.09	0.14	145.1	-0.21	0.59	580.0	0.65	0.10	203.7	-0.53	0.51
J9JG9P	188.7	1.01	0.32	92.3	0.56	1.02	150.0	0.12	0.68	566.7	0.39	0.10	189.0	-0.98	0.43
JKCZPF	175.7	0.43	0.50	98.0	0.97	0.17	155.9	0.51	0.28	559.4	0.25	0.29	179.7	-1.27	0.70
JVUGHM	188.5	1.00	0.79	92.2	0.55	0.46	161.2	0.86	0.28	568.6	0.43	0.07	208.7	-0.37	0.32
K782FN	162.0	-0.19	1.89	75.4	-0.67	3.83	156.0	0.51	1.76	564.3	0.34	1.18	246.7	0.81	1.17
KNPZM8	164.6	-0.07	0.41	84.5	-0.02	1.87	139.1	-0.61	0.28	564.0	0.34	0.45	183.5	-1.15	0.34
L8H7TC	147.0	-0.86	1.26	69.1	-1.13	1.14	146.3	-0.13	1.52	501.0	-0.90	0.46	221.3	0.02	2.50
M3K2CD	169.7	0.16	1.47	92.4	0.57	0.85	155.0	0.45	0.71	574.3	0.54	0.22	205.3	-0.47	0.14
MDJ2PH	161.0	-0.23	0.55	85.1	0.03	0.08	132.0	-1.08	0.20	538.0	-0.17	0.10	205.0	-0.48	0.45
MGHDKH	143.3	-1.02	0.85	72.7	-0.88	0.51	146.3	-0.13	0.74	524.0	-0.45	0.12	236.0	0.48	0.33
NC36WH	179.0	0.57	2.21	74.9	-0.71	3.19	167.6	1.28	2.12	650.9	2.04	0.85	269.8	1.52	2.91
NUMVW G	187.3	0.95	0.61	95.0	0.75	0.67	159.3	0.74	0.30	594.7	0.94	0.53	220.3	-0.01	0.76
PHP8HT	198.6	1.45	0.13	102.7	1.32	0.31	159.2	0.73	0.60	610.4	1.25	0.60	210.5	-0.31	0.73
RRLWCZ	171.0	0.22	0.21	76.3	-0.61	0.51	150.0	0.12	0.71	526.3	-0.40	0.02	241.3	0.64	0.19
THFEE3	142.5	-1.06	0.35	69.0	-1.14	0.69	136.3	-0.79	0.63	489.8	-1.12	0.26	217.7	-0.09	1.10
TRLGC8	152.6	-0.60	0.65	83.1	-0.12	0.18	139.6	-0.57	0.26	507.8	-0.76	0.45	188.9	-0.98	0.45
TXURR9	157.7	-0.38	0.24	92.7	0.58	0.39	156.3	0.54	0.88	466.0	-1.58	6.17	220.3	-0.01	0.68
UPUKNE	154.1	-0.54	0.06	87.3	0.19	0.14	165.6	1.15	0.18	552.5	0.11	0.03	253.7	1.02	0.15
UYYPDA	68.0	-4.40X		36.0	-3.55X		64.0	-5.60X		230.0	-6.20X		111.0	-3.39X	
VKWFAZ	216.7	2.26	2.42							693.3	2.87	0.51	243.3	0.70	0.71
VTM2DD	166.3	0.01	0.37	87.5	0.21	0.66	148.3	0.00	0.88	562.6	0.31	0.68	205.4	-0.47	0.48
WD9E68	156.9	-0.41	3.21	85.5	0.06	1.71	128.7	-1.30	2.18	541.3	-0.11	0.72	182.2	-1.19	1.96
XKMN79	162.0	-0.19	1.64	84.7	0.00	0.39	138.3	-0.66	0.97	505.7	-0.80	0.77	184.7	-1.11	0.50
XPXC76	215.4	2.21	1.27	102.4	1.29	0.07	168.5	1.35	0.18	616.3	1.36	0.47	227.0	0.20	0.05



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y4V33U	174.3	0.37	0.64	73.3	-0.83	0.39	147.0	-0.08	0.39	540.7	-0.12	0.65	242.0	0.66	1.62	
ZM2WAQ	170.0	0.17		89.7	0.36	0.51	140.0	-0.55		536.7	-0.20	0.51	190.0	-0.95	1.24	
ZRFFR8	168.0	0.08		83.0	-0.12		132.0	-1.08		510.0	-0.72		205.0	-0.48		
ZU7E67	144.6	-0.96	0.49	73.4	-0.82	0.53	135.4	-0.85	0.32	497.2	-0.97	0.42	212.8	-0.24	0.56	
K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	166.1			84.7			148.3			546.8			220.6			
Median Abs Dev	11.9			9.2			8.6			22.8			16.3			
Avg Within Lab SD	4.8			3.0			5.1			30.1			8.1			
Labs Included	54			53			53			53			54			
Labs Reporting	55			54			54			55			55			



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	2,387.3	0.27	0.37	1,547.7	1.48	6.45	479.1	0.52	0.76	1,291.7	0.07	0.50	855.0	0.27	2.03	
2442A9	2,207.1	-0.35	0.28	1,166.7	-0.21	0.11	460.0	0.19	0.70	1,298.5	0.12	0.11	871.7	0.38	0.56	
2ATECV	2,085.7	-0.77	0.17	815.5	-1.77	0.13	450.9	0.03	0.79	599.2	-5.76X	0.15	725.8	-0.57	0.63	
2MJBB9	2,486.7	0.61	0.04	1,497.0	1.25	0.03	527.0	1.36	0.61	1,407.7	1.04	0.18	845.0	0.21	0.19	
3A8ZLX	2,260.1	-0.17	0.08	1,306.8	0.41	0.05	392.0	-1.00	0.17	1,252.9	-0.26	0.01	681.5	-0.86	0.12	
3TN8WU	2,534.7	0.77	0.72	1,460.0	1.09	0.44	540.0	1.59	2.18	1,420.0	1.15	0.49	833.3	0.13	1.17	
42AU62	2,463.7	0.53	0.53	1,122.7	-0.41	0.12	520.0	1.24	0.97	1,376.0	0.78	0.44	1,064.0	1.64	1.03	
44GAC8	1,966.3	-1.19	0.10	983.0	-1.03	0.06	416.0	-0.58	0.11	1,149.7	-1.13	0.02	881.7	0.45	0.52	
74RQNC	1,329.0	-3.38	6.12	1,006.3	-0.93	0.17	469.0	0.35	2.77	1,329.0	0.38	0.54	903.3	0.59	1.61	
7J3C82	2,247.4	-0.22	0.02	1,120.4	-0.42	0.04	486.5	0.65	0.38	1,262.8	-0.18	0.23	886.1	0.47	0.16	
7KHVRY	2,502.0	0.66	0.44	1,161.7	-0.24	0.58	459.1	0.18	1.72	1,283.7	0.00	0.41	922.3	0.71	0.25	
8DDEWJ	2,362.7	0.18	0.06	1,375.8	0.71	0.05	411.5	-0.66	0.13	1,270.1	-0.11	0.11	646.8	-1.09	0.90	
8JZ2QP	2,196.5	-0.39	0.48	997.6	-0.96	0.45	407.8	-0.72	0.24	1,232.1	-0.43	0.39	940.8	0.83	1.32	
8VVFNZ	2,355.0	0.16	0.23	1,176.3	-0.17	0.05	449.3	0.00	0.23	1,276.3	-0.06	0.20	966.0	1.00	0.35	
AFD723	2,399.5	0.31	0.64	1,153.6	-0.27	0.28	501.8	0.92	0.99	1,339.1	0.47	0.43	962.6	0.97	0.56	
BCAQ6J	2,282.5	-0.09	0.44	1,198.7	-0.07	0.66	469.1	0.35	0.76	1,411.3	1.07	0.04	1,057.9	1.60	0.67	
BLYE38	2,553.7	0.84	0.12	1,484.7	1.20	0.02	444.8	-0.08	0.05	1,384.7	0.85	0.01	759.7	-0.35	0.25	
BYYKRW	186.9	-7.32X	0.02	122.3	-4.85X	0.01	47.4	-7.01X	0.15	122.5	-9.77X	0.01	72.9	-4.83X	0.04	
CMMA3L	2,210.5	-0.34	0.12	1,220.6	0.02	0.04	417.8	-0.55	0.09	1,152.5	-1.10	0.04	621.5	-1.25	0.14	
EG8LEU	2,444.5	0.46	0.30	1,421.0	0.91	0.25	413.5	-0.62	0.76	1,383.1	0.84	0.35	763.6	-0.32	0.52	
EZMVFU	1,656.7	-2.25	0.04	966.7	-1.10	0.13	480.0	0.54	0.41	1,080.0	-1.71	0.09	760.0	-0.35	0.38	
FF9VLK	2,404.3	0.33	0.75	1,224.0	0.04	0.55	506.7	1.01	1.27	1,329.7	0.39	0.48	925.7	0.73	0.51	
FTHDKE	1,964.7	-1.19	0.43	1,106.0	-0.48	0.52	348.1	-1.76	0.54	1,000.1	-2.38	0.49	559.5	-1.66	1.08	
G67WCP	1,800.0	-1.76		950.0	-1.18		433.3	-0.27	0.12	816.7	-3.93	5.75	816.7	0.02	1.10	
G8YTZJ	2,321.3	0.04	0.33	1,356.5	0.63	0.17	444.5	-0.08	0.32	1,253.2	-0.26	0.17	744.1	-0.45	0.47	
GEGYXQ	2,323.7	0.05	0.47	1,177.3	-0.17	0.41	507.0	1.01	0.51	1,269.3	-0.12	0.30	1,044.7	1.51	2.87	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
GWFC9D	2,310.0	0.00	0.12	1,420.0	0.91	0.44	418.7	-0.53	0.10	1,300.0	0.14	0.09	668.7	-0.94	0.04	
J9JG9P	2,435.7	0.43	0.30	1,336.0	0.54	0.17	425.7	-0.41	0.13	1,312.3	0.24	0.06	708.7	-0.68	0.21	
JKCZPF	2,520.3	0.73	0.29	1,620.7	1.80	0.14	406.3	-0.75	0.51	1,435.7	1.28	0.18	727.9	-0.56	0.33	
JVUGHM	2,420.1	0.38	0.36	1,410.0	0.87	0.18	449.1	0.00	0.48	1,303.9	0.17	0.11	810.7	-0.02	0.66	
K782FN	2,520.0	0.72	1.13	1,215.0	0.00	1.71	340.0	-1.90	3.99	1,305.0	0.18	2.08	797.0	-0.11	0.27	
KNPZM8	2,165.0	-0.50	0.27	1,210.4	-0.02	0.24	402.1	-0.82	0.43	1,185.2	-0.83	0.28	616.8	-1.28	0.16	
L8H7TC	1,923.0	-1.33	0.64	1,046.7	-0.75	0.22	557.7	1.90	0.70	1,233.7	-0.42	0.39	903.0	0.59	0.34	
M3K2CD	2,468.0	0.54	0.58	1,484.3	1.20	0.13	455.3	0.11	0.35	1,391.7	0.91	0.31	729.0	-0.55	1.54	
MDJ2PH	1,857.7	-1.56	0.21	1,229.0	0.06	0.08	445.3	-0.07	0.49	1,080.7	-1.71	0.04	688.7	-0.81	0.16	
MGHDKH	1,908.3	-1.39	0.23	1,050.0	-0.73	0.25	427.3	-0.38	0.58	1,283.7	0.00	0.03	889.7	0.50	0.04	
NC36WH	2,088.7	-0.76	0.62	1,037.4	-0.79	0.15	435.6	-0.24	0.69	1,282.1	-0.01	0.09	841.8	0.19	2.76	
NUMVW G	2,156.7	-0.53	0.13	1,227.7	0.06	0.19	411.7	-0.65	0.19	1,193.0	-0.76	0.20	673.7	-0.91	0.31	
PHP8HT	2,215.0	-0.33	0.77	1,191.9	-0.10	0.13	397.7	-0.90	1.24	1,196.4	-0.73	0.08	645.5	-1.10	2.25	
RRLWCZ	2,404.0	0.32	0.32	1,167.0	-0.21	0.25	505.3	0.98	0.77	1,305.3	0.18	0.07	939.0	0.82	0.21	
THFEE3	2,143.9	-0.57	0.35	1,113.3	-0.45	0.41	479.3	0.53	0.84	1,241.3	-0.36	0.34	864.6	0.33	0.47	
TRLGC8	2,282.1	-0.10	0.24	1,346.2	0.58	0.19	429.1	-0.35	0.32	1,261.4	-0.19	0.37	713.6	-0.65	0.30	
TXURR9	2,088.3	-0.76	0.27	1,321.3	0.47	0.14	471.3	0.39	0.60	1,219.7	-0.54	0.66	800.3	-0.08	0.40	
UPUKNE	2,427.4	0.40	0.09	1,234.0	0.08	0.07	549.6	1.76	0.09	1,400.7	0.98	0.17	1,099.9	1.87	0.38	
UYYPDA	758.0	-5.35X		448.0	-3.40X		175.0	-4.79X		449.0	-7.02X		392.0	-2.75X		
VKWFAZ	2,816.7	1.75	0.69	1,620.0	1.80	0.63	496.7	0.83	0.86	1,513.3	1.93	0.14	813.3	0.00	0.88	
VTM2DD	2,782.0	1.63	0.54	1,707.0	2.18	0.42	490.3	0.72	0.12	1,703.7	3.53X	0.66	924.4	0.72	0.03	
WD9E68	2,273.3	-0.13	0.53	1,390.0	0.78	0.08	413.0	-0.63	0.61	1,346.7	0.53	0.05	742.6	-0.46	0.81	
XKMN79	2,625.3	1.09	1.67	1,346.3	0.58	0.80	433.0	-0.28	1.67	1,352.7	0.58	2.18	706.0	-0.70	1.62	
XPXC76	5,754.7	11.88X	0.26	3,141.1	8.55X	0.33	947.9	8.71X	0.58	2,968.1	14.17X	0.29	1,627.3	5.31X	1.57	
Y4V33U	2,311.7	0.01	0.07	1,112.3	-0.46	0.18	469.7	0.36	0.46	1,245.3	-0.32	1.15	889.0	0.49	1.33	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZM2WAQ	2,366.7	0.20	0.71	1,433.3	0.97	0.48	426.7	-0.39	0.86	1,300.0	0.14		693.3	-0.78	1.34	
ZRFFR8	2,273.0	-0.13		1,082.0	-0.59		338.0	-1.94		1,208.0	-0.64		733.0	-0.52		
ZU7E67	2,081.6	-0.79	0.13	1,154.6	-0.27	0.05	468.4	0.34	0.49	1,229.3	-0.46	0.16	861.3	0.31	0.65	
Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	2,310.0			1,215.0			449.1			1,283.7			813.3			
Median Abs Dev	145.0			131.3			31.3			54.3			89.7			
Avg Within Lab SD	161.9			119.8			24.3			108.0			26.2			
Labs Included	51			51			51			49			51			
Labs Reporting	54			54			54			54			54			



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	579.6	0.50	1.55	91.7	-0.21	0.43	127.8	1.47	1.44	263.7	0.93	1.54	135.7	0.81	0.71
2442A9	493.2	-0.66	0.83	84.5	-0.62	0.54	116.2	0.53	0.41	239.2	-0.15	0.67	130.5	0.58	0.29
2ATECV	597.9	0.75	0.47	103.1	0.46	0.61	113.4	0.30	1.21	243.7	0.05	0.74	102.1	-0.67	1.41
2MJBB9	584.3	0.57	0.48	121.3	1.52	0.54	133.0	1.90	0.80	270.0	1.21	0.26	131.0	0.60	0.41
3A8ZLX	517.6	-0.33	0.14	86.8	-0.49	0.14	95.9	-1.13	0.07	217.7	-1.10	0.02	93.0	-1.07	0.04
3TN8WU	622.0	1.07	0.55	113.0	1.03	1.62	133.0	1.90	2.66	274.0	1.39	0.68	125.0	0.34	1.43
42AU62	510.0	-0.43	1.12	80.3	-0.87	0.67	112.3	0.21	1.22	250.3	0.34	0.65	141.3	1.06	0.63
44GAC8	463.7	-1.05	0.21	77.6	-1.03	0.22	101.0	-0.71	0.59	221.3	-0.94	0.11	120.3	0.13	1.02
74RQNC	420.0	-1.64	0.34	69.7	-1.49	1.50	97.7	-0.98	1.60	243.0	0.02	0.90	117.3	0.00	2.48
7J3C82	543.6	0.02	0.36	95.4	0.01	0.27	124.0	1.17	0.54	258.0	0.68	0.49	143.6	1.16	0.15
7KHVRY	624.2	1.10	1.04	69.5	-1.50	1.62	104.2	-0.45	1.04	258.8	0.72	1.07	127.3	0.44	0.60
8DDEWJ	564.1	0.30	0.09	96.5	0.07	0.09	106.3	-0.28	0.16	239.0	-0.16	0.23	96.4	-0.92	0.54
8JZ2QP	507.9	-0.46	0.83	723.3	36.53X	7.96	103.3	-0.52	0.58	223.2	-0.86	0.72	136.8	0.86	0.76
8VVFNZ	529.3	-0.17	0.21	92.7	-0.15	0.94	108.3	-0.11	0.13	254.3	0.52	1.03	144.3	1.19	0.93
AFD723	535.3	-0.09	0.46	79.9	-0.89	0.44	117.0	0.60	0.53	251.2	0.38	0.25	134.5	0.76	0.88
BCAQ6J	497.1	-0.60	1.29	79.1	-0.94	0.56	107.7	-0.16	1.74	242.0	-0.03	0.33	140.7	1.03	0.57
BLYE38	576.5	0.46	0.12	99.7	0.26	0.02	109.4	-0.03	0.01	242.1	-0.02	0.04	104.2	-0.58	0.16
BYYKRW	457.9	-1.13	0.64	95.1	-0.01	0.49	102.6	-0.58	0.32	225.0	-0.78	0.15	105.5	-0.52	0.65
CMMA3L	530.2	-0.16	0.19	100.9	0.33	0.10	109.5	-0.02	0.18	238.7	-0.17	0.43	103.5	-0.61	0.76
EG8LEU	571.9	0.40	0.52	99.5	0.25	0.49	103.3	-0.52	0.91	245.8	0.14	0.46	108.4	-0.39	0.42
EZMVFU	361.0	-2.43	0.17	76.0	-1.12	0.23	91.0	-1.53	0.22	194.0	-2.14	0.17	103.7	-0.60	0.48
FF9VLK	568.0	0.35	2.86	111.0	0.91	3.67	122.0	1.00	1.55	254.3	0.52	0.25	142.7	1.11	0.31
FTHDKE	541.1	-0.01	1.54	101.1	0.34	0.66	109.3	-0.03	0.86	229.9	-0.56	0.62	97.5	-0.87	0.94
G67WCP	445.0	-1.30		75.0	-1.18		110.0	0.02		228.3	-0.63	1.42	125.0	0.34	
G8YTZJ	554.0	0.16	0.70	100.2	0.29	0.34	109.9	0.02	0.34	238.8	-0.16	0.35	109.1	-0.36	0.41
GEGYXQ	562.3	0.27	0.04	97.0	0.10	0.62	123.0	1.09	0.80	248.3	0.25	0.54	155.3	1.67	1.77



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GWFC9D	572.3	0.41	0.20	98.5	0.19	0.49	110.5	0.06	0.11	214.0	-1.26	0.39	99.8	-0.77	0.05
J9JG9P	502.0	-0.54	0.28	89.3	-0.35	0.67	94.3	-1.26	0.34	232.7	-0.44	0.25	101.3	-0.70	1.24
JKCZPF	571.6	0.40	0.77	117.4	1.29	0.46	121.6	0.97	0.16	273.8	1.38	0.64	112.0	-0.23	0.29
JVUGHM	595.7	0.72	0.42	105.7	0.60	0.30	108.6	-0.09	0.31	254.1	0.51	0.18	112.0	-0.23	0.44
K782FN	621.0	1.06	1.61	102.7	0.43	2.92	126.7	1.39	1.66	281.7	1.73	2.90	143.0	1.13	1.03
KNPZM8	568.2	0.35	0.99	81.5	-0.80	0.71	107.3	-0.20	0.76	238.8	-0.17	0.88	97.8	-0.86	0.61
L8H7TC	450.7	-1.23	0.35	85.7	-0.56	1.66	113.3	0.30	1.89	226.7	-0.70	0.69	125.7	0.37	1.45
M3K2CD	608.0	0.88	0.91	111.0	0.91	0.47	120.3	0.87	0.90	271.3	1.27	0.99	113.0	-0.19	1.09
MDJ2PH	450.0	-1.24	0.40	93.5	-0.10	0.14	94.7	-1.22	0.47	223.7	-0.83	0.49	107.0	-0.45	0.41
MGHDKH	431.3	-1.49	0.10	81.3	-0.81	0.13	108.3	-0.11	0.26	237.7	-0.22	0.06	139.3	0.97	0.24
NC36WH	533.7	-0.11	0.97	84.7	-0.61	0.72	116.2	0.53	0.62	255.9	0.59	0.67	135.5	0.80	2.65
NUMVW G	506.0	-0.48	0.73	88.3	-0.40	0.36	96.7	-1.07	0.68	238.7	-0.17	0.15	103.7	-0.60	0.31
PHP8HT	631.6	1.20	3.16	112.9	1.03	1.77	125.3	1.28	1.44	286.3	1.93	2.30	129.7	0.54	3.03
RRLWCZ	487.7	-0.73	0.74	125.0	1.73	0.84	133.7	1.96	1.51	203.3	-1.73	0.46	95.0	-0.98	
THFEE3	487.8	-0.73	0.38	82.3	-0.75	0.74	109.0	-0.06	1.40	228.6	-0.62	0.39	126.4	0.40	0.84
TRLGC8	488.8	-0.71	0.36	92.6	-0.16	0.21	101.1	-0.70	0.46	218.4	-1.07	0.86	98.9	-0.81	0.24
TXURR9	498.0	-0.59	0.26	98.3	0.18	0.13	112.3	0.21	0.56	245.3	0.12	1.42	119.3	0.09	0.31
UPUKNE	456.4	-1.15	0.13	91.9	-0.20	0.19	126.1	1.33	0.13	248.5	0.26	0.07	148.9	1.39	0.34
UYYPDA	192.0	-4.70X		40.0	-3.21		47.0	-5.13X		93.0	-6.60X		63.0	-2.39	
VKWEAZ	647.7	1.42	1.18	117.3	1.28	0.88	129.0	1.58	1.23	283.0	1.78	0.52	123.7	0.28	0.48
VTM2DD	608.1	0.89	0.17	106.5	0.65	0.14	113.6	0.31	0.50	260.8	0.80	0.20	114.1	-0.14	1.07
WD9E68	544.6	0.03	0.53	97.2	0.11	0.28	107.3	-0.19	0.26	237.6	-0.22	0.58	107.2	-0.45	0.06
XKMN79	625.0	1.11	2.81	98.3	0.18	1.78	108.0	-0.14	2.22	275.7	1.46	3.74	110.7	-0.29	0.83
XPXC76	1,269.6	9.76X	0.82	208.2	6.56X	0.37	218.4	8.88X	0.52	520.4	12.26X	1.76	224.0	4.69X	0.18
Y4V33U	544.3	0.03	1.18	104.0	0.51	0.40	112.7	0.24	0.13	244.0	0.06	1.62	145.3	1.23	0.43



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZM2WAQ	566.7	0.33	0.37	110.0	0.86		110.0	0.02		243.3	0.03	1.13	106.7	-0.47	1.19	
ZRFFR8	543.0	0.01		86.0	-0.54		93.0	-1.37		233.0	-0.42		114.0	-0.15		
ZU7E67	481.5	-0.81	0.15	85.2	-0.59	0.28	105.6	-0.34	0.65	232.0	-0.46	0.55	121.5	0.18	0.12	
Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	542.1			95.3			109.7			242.6			117.3			
Median Abs Dev	43.2			9.8			6.4			12.2			13.7			
Avg Within Lab SD	15.6			4.3			4.5			10.2			4.9			
Labs Included	52			52			52			52			53			
Labs Reporting	54			54			54			54			54			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	10.31	-0.37	0.94	10.09	0.06	0.18	35.14	0.70	0.46	132.50	0.57	0.62	13.94	0.19	1.41		
2442A9	11.21	-0.13	0.14	8.31	-0.25	0.03	31.35	-0.05	0.27	120.98	-0.18	0.34	12.82	-0.04	0.11		
2ATECV	34.60	6.24X	5.86	22.34	2.23	3.02	51.03	3.84X	2.54	154.84	2.02	1.02	22.91	2.04	3.02		
2MJBB9	15.33	1.00	0.44	15.33	0.99	0.94	42.00	2.05	0.82	135.67	0.77	0.27	19.67	1.37	1.18		
3A8ZLX	7.93	-1.02	0.24	2.67	-1.25	0.41	25.33	-1.25	0.24	118.77	-0.33	0.15	8.33	-0.96	0.45		
3TN8WU	21.10	2.56	3.60	16.10	1.12	1.87	39.10	1.48	1.09	128.67	0.32	0.80	19.17	1.27	1.02		
42AU62	11.67	0.00	0.44	8.00	-0.31		36.00	0.87	0.82	143.33	1.27	0.87	13.00	0.00			
74RQNC	30.33	5.08	1.17	11.67	0.34	0.47	29.00	-0.52	0.82	127.67	0.25	2.25	14.33	0.27	0.45		
7J3C82	12.20	0.15	0.45	8.91	-0.15	0.25	33.43	0.36	0.11	122.40	-0.09	0.54	14.15	0.24	0.11		
7KHVRY	37.10	6.91X	2.17	34.56	4.39X	3.68	54.28	4.48X	1.04	152.80	1.89	1.60	29.60	3.41X	0.99		
8DDEWJ	7.21	-1.21	0.05	3.00	-1.19	0.11	27.88	-0.74	0.08	121.60	-0.14	0.23	5.82	-1.48	0.13		
8JZ2QP	13.40	0.47	0.63	10.73	0.17	0.87	32.05	0.08	0.19	113.81	-0.65	0.36	16.40	0.70	0.71		
8VVFNZ	14.67	0.82	0.44	11.33	0.28	0.47	31.33	-0.06	0.27	127.33	0.23	0.80	18.67	1.17	0.45		
AFD723	7.51	-1.13	0.86	4.52	-0.92	0.03	30.24	-0.27	0.36	123.79	0.00	0.69	9.91	-0.64	0.64		
BCAQ6J	11.92	0.07	0.81	9.66	-0.02	1.12	32.01	0.08	0.57	121.68	-0.14	0.13	15.57	0.53	0.87		
BLYE38	10.44	-0.33	0.92	11.25	0.27	0.54	33.93	0.46	0.30	128.71	0.32	0.20	5.83	-1.47	0.11		
BYYKRW	13.00	0.36	0.48	8.90	-0.15	0.37	31.63	0.00	0.71	127.53	0.24	0.17	12.34	-0.14	0.05		
CMMA3L	10.83	-0.23	0.30	3.70	-1.07	0.18	26.51	-1.01	0.59	110.94	-0.84	0.38	7.41	-1.15	0.29		
EG8LEU	11.37	-0.08	0.98	4.18	-0.98	0.09	25.08	-1.29	0.50	117.44	-0.41	0.15	6.39	-1.36	0.10		
EZMVFU	15.00	0.91		17.00	1.28	0.81	33.33	0.34	0.27	124.33	0.04	0.10	21.33	1.71	1.18		
FF9VLK	11.77	0.03	0.09	8.47	-0.23	0.69	32.03	0.08	0.03	118.33	-0.35	0.27	14.03	0.21	1.38		
FTHDKE	9.74	-0.52	1.46	3.86	-1.04	0.25	20.67	-2.17	0.30	112.04	-0.76	0.65	26.86	2.85X	2.87		
G67WCP	8.33	-0.91	0.44	6.50	-0.58		31.83	0.04	0.36	113.33	-0.68	1.02	12.83	-0.03	0.97		
G8YTZJ	16.77	1.39	0.09	12.08	0.41	1.21	36.26	0.92	0.49	122.32	-0.10	0.40	16.84	0.79	0.43		
GWFC9D	16.70	1.37	0.55	18.90	1.62	0.42	12.13	-3.86X	0.18	87.53	-2.36	0.19	17.40	0.90	0.63		
J9JG9P	11.67	0.00	0.44	8.33	-0.25	0.47	29.33	-0.45	0.27	112.67	-0.72	0.27	10.33	-0.55	0.45		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JKCZPF	9.71	-0.53	0.29	3.85	-1.04	0.54	33.72	0.41	0.27	154.87	2.02	0.33	8.61	-0.90	0.35	
JVUGHM	14.04	0.64	0.28	11.00	0.22	0.49	30.67	-0.19	0.11	102.71	-1.37	0.23	14.18	0.24	0.46	
K782FN	5.17	-1.77	0.39	1.40	-1.48	0.35	29.80	-0.36	1.05	131.00	0.47	3.01	8.01	-1.03	0.53	
KNPZM8	12.77	0.30	1.17	9.84	0.02	0.32	37.44	1.15	0.56	123.17	-0.04	1.09	10.97	-0.42	0.36	
L8H7TC	11.43	-0.06	0.54	10.37	0.11	0.53	21.40	-2.02	0.19	74.93	-3.18X	0.67	12.53	-0.10	0.40	
M3K2CD	9.54	-0.58	0.56	6.11	-0.64	0.72	31.53	-0.02	0.86	126.00	0.14	0.18	8.70	-0.88	1.94	
MDJ2PH	12.37	0.19	0.32	13.60	0.68	0.35	33.13	0.30	0.17	125.67	0.12	0.37	15.50	0.51	0.35	
MGHDKH	11.60	-0.02	0.20	9.13	-0.11	0.19	30.60	-0.20	0.30	108.33	-1.01	0.10	14.67	0.34	0.42	
NC36WH	9.74	-0.52	2.27	5.26	-0.80	3.17	37.04	1.07	2.89	155.47	2.06	2.05	13.04	0.01	3.46	
NUMVW G	14.00	0.63	0.77	10.67	0.16	0.47	35.00	0.67	1.26	126.33	0.17	0.54	13.00	0.00	0.77	
PHP8HT	9.60	-0.56	0.18	3.70	-1.07	0.15	30.03	-0.31	0.33	131.84	0.52	1.33	7.40	-1.15	0.08	
THFEE3	11.30	-0.10	0.33	7.90	-0.33	0.14	30.63	-0.20	0.34	116.17	-0.50	0.24	12.26	-0.15	0.13	
TRLGC8	36.71	6.81X	2.47	20.72	1.94	1.58	36.98	1.06	0.79	130.48	0.43	1.43	17.50	0.93	0.27	
TXURR9	10.33	-0.36	0.44	12.33	0.46	0.47	31.00	-0.12		93.67	-1.96	1.33	12.67	-0.07	0.45	
UPUKNE	14.84	0.86	0.18	16.83	1.25	0.30	36.98	1.06	0.38	108.89	-0.97	0.29	15.18	0.45	0.12	
UYYPDA	48.00	9.88X		18.00	1.46		21.00	-2.10		63.00	-3.95X		17.00	0.82		
VKWEAZ										130.00	0.40	1.77				
VTM2DD	11.30	-0.10	0.45	7.55	-0.39	0.31	34.08	0.49	1.35	131.93	0.53	2.00	11.77	-0.25	0.91	
WD9E68							27.43	-0.83	0.59	126.41	0.17	0.40				
XKMN79	15.67	1.09	3.11	11.33	0.28	2.85	35.67	0.80	4.68	119.67	-0.27	1.78	13.67	0.14	0.89	
XPXC76	9.55	-0.58	0.10	19.91	1.80	0.16	41.60	1.97	0.03	163.75	2.60	0.20	4.76	-1.70	0.48	
Y4V33U	12.23	0.15	0.96	8.57	-0.21	0.38	31.25	-0.07	0.17	120.23	-0.23	1.08	19.44	1.32	1.81	
ZM2WAQ	12.33	0.18	0.89	11.00	0.22		32.00	0.07	0.47	116.67	-0.46	1.02	9.73	-0.67	0.18	
ZRFFR8	15.00	0.91		11.00	0.22		27.00	-0.91		136.00	0.79		14.00	0.21		
ZU7E67	12.02	0.10	0.14	7.89	-0.33	0.05	31.44	-0.04	0.65	121.48	-0.15	0.34	12.00	-0.21	0.24	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	11.7	9.75	31.6	123.8	13.0	
Median Abs Dev	1.9	2.26	2.3	6.7	2.7	
Avg Within Lab SD	1.3	1.23	2.1	5.6	1.3	
Labs Included	45	48	47	49	47	
Labs Reporting	49	49	50	51	49	



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
74RQNC	116.0		1.67	63.7		1.26	137.3		1.72	455.0		1.71	220.0		1.61
UKYQQD	115.8		0.42	65.8		1.18	121.0		0.16	434.3		0.11	241.5		0.60
UPUKNE	115.8		0.15	67.7		0.04	136.3		0.03	374.7		0.24	221.0		0.21
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	115.8			65.8			136.3			434.3			221.0		
Median Abs Dev															
Avg Within Lab SD	4.7			3.2			9.7			20.9			9.1		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7KHVRY	112.7		1.00	62.7		1.38	159.3		1.41	470.0		1.41	257.3		1.00	
FBHKCL	107.7		1.00	70.3		0.32	158.3		0.12	496.7		0.05	209.0			
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	110.2			66.5			158.8			483.3			233.2			
Median Abs Dev																
Avg Within Lab SD	1.5			1.8			5.0			11.8			2.5			
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		
SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RN7PNZ	111.3		1.00	62.5		1.00	104.8		1.00	383.8		1.00	131.3		1.00

K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	111.3			62.5			104.8			383.8			131.3		
Median Abs Dev	0.3			0.5			2.4			1.5			0.3		
Avg Within Lab SD	0.3			0.5			2.4			1.5			0.3		
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

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RN7PNZ	1,956.0		1.00	1,228.7		1.00	381.0		1.00	1,247.7		1.00	651.0		1.00

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

Data units: mg/kg

	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405
Grand Median	1,956.0	1,228.7	381.0	1,247.7	651.0
Median Abs Dev					
Avg Within Lab SD	11.1	9.1	3.6	5.7	16.8
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



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Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RN7PNZ	207.0			134.7		1.00	144.7		1.00	186.7		1.00	75.3		1.00			

Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
Grand Median	207.0			134.7			144.7			186.7			75.3					
Median Abs Dev																		
Avg Within Lab SD	0.0			0.6			1.2			0.6			4.9					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RN7PNZ	0.90		1.00	0.30		1.00	0.40		1.00	1.30		1.00	1.43		1.00			

Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
Grand Median	0.90			0.30			0.40			1.30			1.43					
Median Abs Dev																		
Avg Within Lab SD	0.00			0.00			0.00			0.00			0.06					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RN7PNZ	0.10						0.10		1.00	0.20		1.00	0.10		1.00			

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups														Data units: mg/kg			
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405	
Grand Median	0.10						0.10			0.20			0.10				
Median Abs Dev																	
Avg Within Lab SD	0.00			0.00			0.00			0.00			0.00				
Labs Included	1			0			1			1			1				
Labs Reporting	1			0			1			1			1				



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Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RN7PNZ	30.27		1.00	4.13		1.00	17.40		1.00	7.70		1.00	4.43		1.00			

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups													Data units: mg/kg					
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
Grand Median	30.3			4.13			17.4			7.70			4.43					
Median Abs Dev																		
Avg Within Lab SD	0.2			0.06			0.4			0.26			0.15					
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		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	2.82	-0.42	1.44	2.12		2.00	1.33		1.91	1.18		1.97	1.35		1.98
2P9CJH	2.60	-0.55	0.00	1.56		0.00	3.01		0.00	2.68		0.00	3.07		0.00
FBHKCL	4.70	0.70	0.10	0.57		0.06	17.73		0.60	0.93		0.36	0.77		0.23
M3K2CD	4.23	0.42	0.17												
PHP8HT	4.50	0.58	1.96												
XHF78D	1.19	-1.39	0.17	0.49		0.01	1.78		0.09	1.25		0.09	2.39		0.19
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	3.53			1.06			2.39			1.22			1.87		
Median Abs Dev	0.95														
Avg Within Lab SD	0.99			1.05			0.63			0.32			0.25		
Labs Included	6			4			4			4			4		
Labs Reporting	6			4			4			4			4		



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8CZM43	16.3	0.55	0.86	23.7	0.53	0.79	18.6	1.13	0.69	222.9	0.30	2.08	127.9	0.84	0.69	
G67WCP	11.4	-0.62	0.30	14.3	-1.08	0.57	13.5	-0.95	2.07	157.1	-1.65	0.15	92.9	-0.35	0.33	
JXXFTF	11.0	-0.70	0.92	19.6	-0.17	0.36	15.9	0.03	0.33	202.5	-0.30	0.54	96.2	-0.24	0.53	
PHP8HT	13.7	-0.07	0.42	17.5	-0.54	0.69	15.7	-0.03	0.61	238.4	0.76	0.92	173.6	2.41	2.04	
VTM2DD	14.3	0.07	1.55	21.6	0.17	1.73	15.3	-0.22	0.32	197.3	-0.46	0.39	100.3	-0.10	0.90	
XHF78D	22.5	2.02	1.31	29.7	1.56	1.20	20.0	1.69	0.80	231.8	0.57	0.60	106.2	0.10	0.39	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups										Data units: mg/kg					
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	14.0			20.6			15.8			212.7			103.2		
Median Abs Dev	2.5			3.1			1.4			17.2			8.7		
Avg Within Lab SD	0.2			0.6			0.6			3.4			3.1		
Labs Included	6			6			6			6			6		
Labs Reporting	6			6			6			6			6		



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8CZM43	84.3	0.34	1.02	59.8	-0.13	1.20	131.6	0.07	1.45	446.2	0.10	1.50	219.0	1.25	2.09	
G67WCP	66.3	-1.48	1.94	41.5	-1.05	0.64	106.3	-1.00	1.82	349.0	-1.37	0.25	184.2	0.05	0.98	
JXXFTF	80.9	0.00	0.23	65.0	0.13	0.16	136.3	0.27	0.20	441.9	0.04	0.18	174.5	-0.28	0.13	
PHP8HT	147.9	6.78X	3.74	105.2	2.16	1.68	175.4	1.94	0.53	566.2	1.93	1.91	243.1	2.07	0.52	
VTM2DD	73.9	-0.72	0.04	54.0	-0.43	0.87	113.8	-0.68	0.28	402.1	-0.57	0.06	181.2	-0.05	0.64	
XHF78D	89.1	0.83	0.38	65.4	0.15	0.74	128.1	-0.07	0.41	436.8	-0.04	0.11	172.7	-0.34	0.03	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	80.9			62.4			129.9			439.4			182.7			
Median Abs Dev	7.1			5.7			11.2			22.0			9.1			
Avg Within Lab SD	2.8			1.8			3.0			15.2			4.7			
Labs Included	5			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8CZM43	2,063.9	0.07	0.64	1,458.0	-0.20	0.45	483.7	0.19	0.72	1,690.4	0.67	1.76	1,166.5	1.24	0.87	
G67WCP	1,510.0	-1.23	0.31	1,044.0	-1.76	0.19	399.7	-1.76	1.69	1,307.7	-1.65	0.86	957.2	-0.06	0.56	
JXXFTF	2,005.2	-0.07	0.70	1,564.0	0.20	0.18	475.9	0.01	0.42	1,580.4	0.00	0.56	864.4	-0.63	0.18	
PHP8HT	2,676.8	1.50	2.23	1,755.6	0.92	2.31	528.3	1.23	1.24	2,632.6	6.37X	3.01	1,267.0	1.86	2.20	
VTM2DD	1,771.7	-0.62	0.09	1,336.9	-0.66	0.03	438.9	-0.85	0.37	1,516.0	-0.39	0.69	975.2	0.06	0.03	
XHF78D	2,274.9	0.56	0.14	1,593.6	0.31	0.62	475.3	-0.01	0.88	1,690.6	0.67	0.62	932.6	-0.21	0.20	

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	2,034.5			1,511.0			475.6			1,580.4			966.2			
Median Abs Dev	251.6			128.3			22.4			110.0			67.7			
Avg Within Lab SD	24.2			76.4			14.4			16.9			45.4			
Labs Included	6			6			6			5			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8CZM43	460.0	-0.03	0.04	105.4	-0.16	0.85	119.6	0.08	0.15	249.7	0.53	1.36	149.2	1.00	0.99	
G67WCP	346.1	-0.93	0.10	77.0	-0.90	1.21	96.7	-0.98	1.08	191.7	-1.69	1.66	120.7	-0.01	1.40	
JXXFTF	494.2	0.23	0.08	118.7	0.18	0.12	122.0	0.19	0.39	248.3	0.48	0.53	115.5	-0.19	0.33	
PHP8HT	754.5	2.29	2.45	199.0	2.25	1.79	160.4	1.95	2.09	467.2	8.89X	5.17	198.0	2.72	1.67	
VTM2DD	397.5	-0.53	0.01	96.9	-0.39	0.21	101.2	-0.77	0.28	218.5	-0.67	0.30	121.1	0.01	0.28	
XHF78D	468.7	0.03	0.01	118.2	0.16	0.73	116.3	-0.08	0.46	235.8	0.00	0.15	117.5	-0.12	0.32	

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	464.4			111.8			117.9			235.8			120.9			
Median Abs Dev	48.3			10.9			10.4			13.9			4.4			
Avg Within Lab SD	27.1			3.4			5.1			3.5			2.7			
Labs Included	6			6			6			5			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P9CJH	3.3	-9.91X	0.00	21.4	-0.69	0.00	18.7	-1.97	0.00	10.9	-6.53X	0.00	17.9	-0.73	0.00
8CZM43	46.7	0.00	0.34	31.0	0.64	1.12	40.3	0.43	2.01	28.1	1.63	1.91	23.8	1.57	1.39
G67WCP	41.4	-1.22	1.42	21.9	-0.63	0.46	31.6	-0.54	0.87	24.7	0.00	0.43	20.8	0.40	0.80
JXXFTF	47.9	0.25	0.70	28.8	0.34	0.54	39.3	0.32	0.63	24.5	-0.06	0.70	16.8	-1.17	0.67
PHP8HT	146.4	22.72X	10.79	188.2	22.54X	7.11	89.3	5.88X	1.18	65.7	19.57X	5.91	69.5	19.56X	13.22
VTM2DD	41.3	-1.23	1.26	23.9	-0.34	0.46	33.6	-0.32	0.44	23.3	-0.64	0.07	19.6	-0.09	0.88
XHF78D	49.7	0.66	0.89	36.5	1.40	2.01	40.7	0.47	0.77	26.9	1.05	0.81	20.0	0.09	1.48

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	46.7			26.4			36.4			24.7			19.8		
Median Abs Dev	2.9			4.5			4.1			1.3			1.4		
Avg Within Lab SD	0.5			0.8			1.0			0.5			0.3		
Labs Included	5			6			6			5			6		
Labs Reporting	7			7			7			7			7		



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2P9CJH				0.52	-1.44	0.00	0.35	-5.93	0.00	1.86	-2.21	0.00	4.64	-0.93	0.00
8CZM43	2.13	0.15	0.49	1.23	0.04	0.48	1.01	1.53	1.27	3.66	0.05	1.12	7.00	1.44	1.19
G67WCP	1.44	-1.26	1.78	0.37	-1.76	0.55	0.86	-0.26	0.54	2.70	-1.16	0.61	5.50	-0.07	1.70
JXXFTF	1.99	-0.15	0.33	1.22	0.01	0.14	1.01	1.42	0.80	3.62	0.00	0.54	5.44	-0.13	0.74
PHP8HT	2.80	1.51	1.48	1.79	1.20	2.19	0.84	-0.44	1.06	4.25	0.79	2.03	7.63	2.08	1.39
VTM2DD	1.74	-0.64	0.46	1.08	-0.27	0.75	0.86	-0.20	0.90	3.23	-0.49	0.91	5.63	0.07	0.36
XHF78D	2.22	0.34	0.29	1.21	0.00	1.05	0.90	0.20	1.24	3.64	0.03	0.36	5.57	0.00	0.30

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	2.06			1.21			0.88			3.62			5.57		
Median Abs Dev	0.24			0.13			0.03			0.39			0.13		
Avg Within Lab SD	0.04			0.04			0.04			0.07			0.11		
Labs Included	6			7			6			7			7		
Labs Reporting	6			7			7			7			7		



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7J3C82	0.88	-1.14	0.07	0.74	-1.40	0.18	0.99	-1.12	0.06	0.98	-1.08	0.21	1.27	-1.38	0.38
7XMU3Q	0.90	-1.02	0.00	0.90	-0.37	0.00	1.00	-1.04		1.10	-0.32	0.00	1.40	-0.49	0.00
8CZM43	1.25	1.16	0.85	1.27	2.03	0.60	1.35	1.10	0.21	1.33	1.13	0.42	1.63	1.13	1.42
8DDEWJ	1.06	0.00	0.85	0.91	-0.28	0.61	1.10	-0.42	0.98	1.12	-0.20	0.72	1.49	0.14	0.94
BYYKRW	1.14	0.45	0.22	0.97	0.09	0.61	1.26	0.60	0.23	1.19	0.23	0.22	1.60	0.95	0.19
DVWYFJ	0.92	-0.87	0.64	0.83	-0.80	0.23	1.00	-1.04	0.33	0.96	-1.22	0.24	1.33	-1.01	0.54
FF9VLK	1.11	0.27	2.09	1.00	0.26	1.01	1.21	0.26	1.50	1.25	0.62	0.42	1.56	0.66	0.54
MGHDKH	1.00	-0.42	0.12	0.96	0.00	0.77	1.17	0.00	0.47	1.15	0.00	0.55	1.45	-0.11	0.19
NBWFUW	3.17	13.16X		2.79	11.93X		3.42	13.97X		3.43	14.28X		4.48	21.27X	
WMHKH X	1.15	0.52	1.62	0.99	0.20	2.62	1.25	0.52	1.90	1.29	0.89	2.35	1.57	0.74	2.02
ZRFFR8	1.20	0.85		1.17	1.39		1.25	0.51		1.31	0.99		1.47	0.00	
ZULXP4	0.95	-0.70	1.04	0.86	-0.60	0.57	1.04	-0.81	1.32	1.03	-0.74	1.77	1.36	-0.80	1.49

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	1.06			0.96			1.17			1.15			1.47		
Median Abs Dev	0.11			0.06			0.10			0.12			0.10		
Avg Within Lab SD	0.02			0.02			0.03			0.02			0.01		
Labs Included	11			11			11			11			11		
Labs Reporting	12			12			12			12			12		



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EZMVFU	11.0	0.18	0.19	33.0	0.57	0.32	35.1	0.82	0.33	89.2	0.00	0.44	77.1	0.08	0.21
G8YTZJ	8.8	-0.40	0.14	33.4	0.73	0.04	32.2	0.00	0.17	78.5	-1.61	0.14	59.9	-1.82	0.74
GEGYXQ	10.5	0.05	0.76	34.8	1.19	0.46	36.7	1.30	1.48	94.5	0.80	1.47	92.7	1.81	0.18
K2EYDA	18.6	2.10	0.28	33.2	0.66	0.33	32.0	-0.08	0.55	90.7	0.22	0.69	68.0	-0.92	0.50
L8H7TC	8.5	-0.47	0.32	29.6	-0.59	0.95	28.9	-0.98	0.90	88.1	-0.17	1.26	72.4	-0.44	0.36
MGHDKH	19.7	2.37	0.72	31.3	0.00	1.07	32.3	0.03	0.95	83.3	-0.89	1.00	76.3	0.00	0.60
QFZ6AK	8.5	-0.47	0.14	29.2	-0.73	0.32	32.1	-0.05	0.29	84.4	-0.73	0.39	71.0	-0.59	0.09
RVL6GA	10.3	0.00	2.86	34.3	1.04	2.26	38.0	1.67	1.42	101.3	1.83	1.80	81.7	0.59	1.49
VH6JK7	7.3	-0.77	0.91	29.9	-0.48	1.73	27.3	-1.44	1.95	95.8	0.99	1.45	79.2	0.31	2.62
WMVDVC	8.3	-0.51	0.35	27.2	-1.42	0.45	29.4	-0.83	0.24	89.2	-0.01	0.12	73.2	-0.35	0.22
Y4V33U	10.7	0.08	0.72	31.3	0.00	0.41	33.0	0.22	0.82	90.3	0.17	0.25	81.0	0.52	0.68

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	10.3			31.3			32.2			89.2			76.3		
Median Abs Dev	1.9			1.9			2.8			4.8			4.7		
Avg Within Lab SD	0.8			1.4			1.2			2.3			3.9		
Labs Included	11			11			11			11			11		
Labs Reporting	11			11			11			11			11		



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	22.1	-0.11	1.82	33.3	-1.01	2.01	37.6	-0.57	2.19	101.8	0.15	1.32	83.4	-0.81	1.21	
2442A9	23.9	0.43	0.72	38.6	-0.02	0.54	39.1	-0.06	1.09	97.9	-0.24	0.30	94.9	0.27	0.28	
3QWB9Z	18.2	-1.34	0.28	29.8	-1.68	0.27	28.3	-3.71X	0.24	101.7	0.13	0.42	98.3	0.60	0.07	
3ZMTL9	24.7	0.69	0.00	37.9	-0.15	0.00	37.8	-0.50	0.00	92.4	-0.79	0.00	89.7	-0.22	0.00	
42AU62	21.5	-0.31	0.12	38.0	-0.13	0.45	36.5	-0.94	0.85	99.8	-0.05	0.26	91.9	-0.01	0.72	
44GAC8	21.2	-0.38	0.35	37.1	-0.31	0.24	39.4	0.04	0.52	97.3	-0.30	0.84	89.3	-0.25	0.36	
74RQNC	17.7	-1.49	0.57	37.3	-0.26	1.08	38.7	-0.21	1.26	115.7	1.52	0.51	97.0	0.47	2.26	
77WJFP	22.0	-0.15	0.99	42.0	0.63	0.94	45.0	1.94	0.83	115.7	1.52	1.07	110.7	1.76	0.27	
7J3C82	25.3	0.89	0.40	38.8	0.02	0.71	38.4	-0.31	0.37	99.0	-0.14	0.71	91.4	-0.05	0.64	
7XMU3Q	21.3	-0.35	0.57	40.3	0.31	0.54	41.7	0.81	1.26	110.0	0.96	1.00	113.3	2.01	1.38	
8DDEWJ	20.7	-0.55	0.13	39.7	0.20	0.24	40.4	0.37	0.48	113.9	1.35	0.26	102.5	0.99	0.55	
8JZ2QP	248.4	70.21X	2.92	39.7	0.19	0.37	38.6	-0.22	0.93	98.8	-0.16	0.73	95.8	0.36	0.69	
99DM2R	21.3	-0.35	0.03	41.3	0.50	0.30	43.4	1.39	0.37	118.8	1.83	0.81	111.0	1.79	0.30	
AFD723	19.6	-0.89	0.09	38.7	0.00	0.20	37.5	-0.62	0.02	97.7	-0.26	0.54	81.9	-0.95	1.08	
BCAQ6J	25.4	0.90	0.62	36.2	-0.47	0.25	37.9	-0.46	0.18	97.5	-0.28	0.90	92.9	0.09	0.45	
BLYE38	23.1	0.20	0.24	49.5	2.06	0.28	42.8	1.18	0.15	190.9	9.01X	0.91	123.5	2.97X	0.33	
BURRXZ	20.3	-0.66	0.57	33.0	-1.08	0.94	32.7	-2.24X	0.48	89.0	-1.13	0.33	80.0	-1.13	0.23	
BYYKRW	20.6	-0.58	1.76	39.7	0.20	0.68	41.1	0.61	1.11	102.3	0.19	0.55	77.4	-1.38	0.18	
DVWYFJ	19.3	-1.00	0.22	34.1	-0.88	0.35	34.4	-1.66	0.55	88.2	-1.21	0.66	90.5	-0.14	0.83	
ET234V	12.5	-3.10X	2.26	30.0	-1.64	1.25	28.3	-3.71X	2.98	80.2	-2.01	1.33	64.8	-2.57X	0.45	
FF9VLK	23.8	0.40	1.14	42.0	0.63	2.68	43.9	1.56	1.41	115.0	1.46	1.53	102.7	1.01	0.36	
FWHLNP	22.1	-0.11	0.77	36.2	-0.48	0.88	38.0	-0.43	1.00	97.7	-0.27	0.74	97.0	0.47	0.84	
FXAHDJ	19.8	-0.83	0.06	35.9	-0.52	0.04	40.6	0.45	0.05	112.7	1.23	0.01	93.8	0.17	0.01	
G67WCP	17.8	-1.44	0.59	33.3	-1.02	0.13	36.7	-0.86	0.50	91.9	-0.84	0.44	88.2	-0.36	0.41	
G8YTZJ	30.7	2.56X	0.28	47.1	1.60	0.20	42.3	1.01	0.42	103.1	0.28	1.06	79.8	-1.15	0.36	
JKCZPF	23.1	0.18	0.20	42.8	0.78	0.40	40.8	0.50	0.14	120.4	1.99	0.85	92.6	0.06	1.20	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	24.7	0.69	0.26	45.1	1.22	0.12	42.5	1.09	0.58	106.2	0.58	0.07	87.4	-0.43	1.41	
LJARY8	26.0	1.09	0.37	45.2	1.24	1.52	41.7	0.80	0.41	110.1	0.97	1.20	85.6	-0.60	0.79	
MGHDKH	23.7	0.38	0.68	37.7	-0.18	1.77	39.0	-0.11	1.19	100.2	-0.01	0.81	92.0	0.00	0.65	
NBFWFU	21.9	-0.18		41.1	0.46		41.3	0.68		115.0	1.46		110.0	1.70		
PFJPGC	16.0	-2.01	1.87	33.4	-0.99	0.22	36.8	-0.84	1.04	95.1	-0.52	1.81	83.5	-0.80	1.95	
PGBL77	22.8	0.11	0.19	39.3	0.11	0.07	41.6	0.80	0.13	117.1	1.67	0.13	95.7	0.35	0.08	
QFZ6AK	23.1	0.19	0.15	37.2	-0.28	0.32	37.0	-0.78	0.05	97.0	-0.33	0.42	75.8	-1.52	0.22	
QHL8TD	24.3	0.58	0.57	42.7	0.75	0.54	42.0	0.92	0.83	103.7	0.33	0.77	103.7	1.10	0.68	
THFEE3	24.0	0.47	0.64	39.9	0.24	0.44	39.1	-0.06	0.32	103.3	0.30	0.36	97.2	0.49	0.15	
TRLGC8	23.4	0.29	3.83	47.5	1.68	1.90	42.4	1.05	3.41	179.8	7.90X	0.42	101.3	0.88	0.73	
UKYQQD	23.3	0.26	1.58	43.3	0.88	1.19	40.7	0.46	0.34	98.2	-0.21	0.33	82.2	-0.93	0.44	
UPUKNE	23.2	0.23	0.20	35.7	-0.58	0.16	37.8	-0.49	0.16	95.7	-0.46	0.16	89.1	-0.28	0.04	
VTM2DD	16.7	-1.78	0.58	33.4	-1.01	0.44	37.3	-0.68	0.22	99.9	-0.05	0.23	90.5	-0.14	0.25	
WEZBU2	24.8	0.71		45.3	1.24		43.2	1.32	0.00	102.0	0.17		84.7	-0.69	0.00	
WMHKH X	24.3	0.58	1.00	40.7	0.38	1.69	41.5	0.75	2.16	108.4	0.80	2.86	98.4	0.60	4.07	
WZJH6U	17.6	-1.51	0.10	32.5	-1.18	0.43	39.4	0.04	0.22	92.0	-0.83	0.37	88.8	-0.30	0.09	
XMEJU3	21.0	-0.46	0.49	36.2	-0.48	0.27	38.2	-0.38	0.63	103.7	0.33	0.77	103.2	1.05	0.90	
Y4V33U	26.0	1.10	1.97	39.7	0.19	1.43	38.0	-0.43	1.65	100.3	0.00	3.24	84.0	-0.75	0.94	
ZRFFR8	24.0	0.48		45.0	1.20		42.0	0.92		97.0	-0.33		85.0	-0.66		
ZU7E67	24.4	0.59	0.43	38.3	-0.07	0.72	39.2	-0.04	0.43	95.8	-0.46	0.24	92.3	0.03	0.20	
ZULXP4	16.9	-1.74	1.05	35.5	-0.61	2.80	38.5	-0.28	1.02	102.8	0.25	0.68	98.1	0.57	1.10	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	22.5	38.7	39.3	100.3	92.0	
Median Abs Dev	1.8	2.8	1.8	3.4	6.3	
Avg Within Lab SD	1.0	1.1	1.2	3.0	4.3	
Labs Included	44	47	44	45	45	
Labs Reporting	47	47	47	47	47	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2442A9	160.5	-0.18	0.76	74.7	-0.54	0.44	152.1	-0.04	0.96	587.5	0.37	0.85	269.3	0.49	0.33
3QWB9Z	148.0	-0.91	0.09	79.8	-0.12	0.08	136.8	-1.14	0.04	510.5	-1.13	0.65	256.8	0.10	0.42
3ZMTL9	161.2	-0.14	0.00	75.6	-0.47	0.00	151.5	-0.08		565.0	-0.07		255.3	0.05	0.00
44GAC8	143.3	-1.18	0.39	74.0	-0.60	0.28	148.7	-0.28	0.27	549.7	-0.37	0.24	263.3	0.30	0.39
74RQNC	162.0	-0.10	1.23	75.3	-0.49	0.99	151.3	-0.09	0.63	549.0	-0.38	0.05	259.0	0.17	1.79
77WJFP	181.7	1.04	1.52	104.3	1.88	0.58	184.3	2.27	1.14	664.7	1.87	0.86	296.3	1.34	0.32
7J3C82	152.8	-0.63	0.44	82.3	0.08	0.51	147.8	-0.35	0.23	541.0	-0.54	0.58	255.0	0.04	0.72
7XMU3Q	157.0	-0.39	0.50	86.3	0.41	0.58	160.7	0.58	0.92	612.7	0.86	0.50	299.0	1.42	0.64
8DDEWJ	182.3	1.08	0.21	83.6	0.18	0.58	164.9	0.88	0.53	633.9	1.27	0.48	289.9	1.14	0.08
8JZ2QP	155.3	-0.48	2.04	71.4	-0.81	0.70	135.5	-1.23	0.61	500.9	-1.31	0.96	243.3	-0.32	0.69
99DM2R	174.5	0.63	0.10	81.2	-0.01	0.17	159.3	0.48	0.22	594.5	0.51	0.42	288.1	1.08	0.48
AFD723	165.0	0.08	0.06	84.7	0.28	0.51	145.6	-0.50	0.57	539.2	-0.57	0.73	195.5	-1.82	0.29
BCAQ6J	151.0	-0.74	0.10	69.6	-0.95	0.89	139.4	-0.95	0.50	551.1	-0.34	0.68	261.9	0.26	2.93
BLYE38	185.9	1.29	0.17	104.7	1.91	0.36	162.4	0.70	0.03	617.9	0.96	0.11	234.9	-0.58	0.20
BURRXZ	137.7	-1.51	0.22	68.3	-1.06	0.16	127.7	-1.79	0.45	495.7	-1.42	0.16	232.3	-0.67	0.30
BYYKRW	190.2	1.54	0.54	98.4	1.39	0.73	147.3	-0.38	0.95	516.6	-1.01	0.56	187.4	-2.07	1.29
DVWYFJ	159.2	-0.26	0.17	75.8	-0.45	0.22	145.8	-0.49	0.40	540.7	-0.54	1.08	260.6	0.22	0.68
ET234V	176.5	0.75	0.32	89.7	0.68	0.58	151.0	-0.12	1.34	581.3	0.25	0.10	217.1	-1.14	0.31
FF9VLK	163.3	-0.02	3.30	73.7	-0.62	2.92	141.7	-0.78	0.52	575.0	0.13	0.82	244.3	-0.29	1.53
FWHLNP	153.3	-0.60	0.85	67.5	-1.13	0.46	147.3	-0.38	0.88	515.0	-1.04	1.05	260.3	0.21	0.97
FXAHDJ	186.2	1.31	0.00	85.6	0.35	0.01	158.5	0.42	0.01	570.9	0.05	0.00	282.8	0.91	0.00
G67WCP	147.6	-0.93	0.77	81.4	0.01	1.00	158.1	0.39	0.83	579.0	0.20	0.73	263.0	0.29	0.66
JKCZPF	188.1	1.42	0.38	98.6	1.41	0.43	163.7	0.79	0.65	572.2	0.07	0.70	211.8	-1.31	0.07
JXXFTF	177.7	0.81	0.45	96.3	1.22	0.19	161.2	0.62	0.51	615.3	0.91	0.28	226.3	-0.85	1.16
K2EYDA	171.6	0.46	0.17	98.1	1.37	0.22	159.3	0.48	0.31	568.5	0.00	0.12	230.0	-0.74	0.20
LJARY8	169.3	0.33	0.67	96.9	1.28	0.57	153.2	0.04	0.64	582.6	0.27	0.41	210.8	-1.34	0.79



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MGHDKH	142.7	-1.22	0.29	71.7	-0.79	0.32	143.0	-0.69	0.18	530.7	-0.74	0.45	239.0	-0.46	0.22
NBFWFU	183.0	1.12		81.1	-0.02		174.0	1.53		672.0	2.01		300.0	1.45	
PFJPGC	169.2	0.32	1.93	83.6	0.19	0.19	166.9	1.03	2.82	575.4	0.13	1.41	259.7	0.19	0.81
PGBL77	170.2	0.38	0.05	81.1	-0.01	0.04	162.0	0.67	0.11	566.0	-0.05	0.13	247.8	-0.18	0.02
QFZ6AK	164.0	0.02	0.30	79.2	-0.17	0.03	153.6	0.07	0.37	566.2	-0.05	0.12	223.7	-0.94	0.07
QHL8TD	150.7	-0.76	0.22	73.0	-0.68	0.49	141.0	-0.83	0.36	521.3	-0.92	0.42	255.0	0.04	0.46
RVL6GA	178.3	0.85	1.10	84.3	0.25	2.65	168.3	1.13	0.55	427.0	-2.75X	1.71	257.0	0.11	0.78
THFEE3	149.2	-0.84	0.22	73.6	-0.63	0.42	147.2	-0.39	0.40	564.5	-0.08	0.58	252.2	-0.04	0.51
TRLGC8	170.8	0.42	1.41	95.8	1.18	0.98	146.1	-0.47	0.21	528.2	-0.78	2.44	205.7	-1.50	1.59
UKYQQD	146.7	-0.98	0.62	69.0	-1.01	0.43	141.0	-0.83	0.48	485.5	-1.61	0.25	217.2	-1.14	0.30
UPUKNE	162.2	-0.09	0.06	90.0	0.71	0.17	146.4	-0.44	0.13	522.0	-0.90	0.02	231.5	-0.69	0.15
VH6JK7	169.2	0.32	1.79	93.2	0.97	0.50	165.7	0.94	2.29	587.4	0.37	0.05	236.2	-0.55	2.93
VTM2DD	160.6	-0.18	0.24	82.6	0.11	0.48	166.7	1.01	0.29	605.2	0.71	0.26	268.2	0.46	0.73
WEZBU2	161.8	-0.11	0.00	95.3	1.14	0.00	161.7	0.65	0.00	534.8	-0.66	3.02	238.6	-0.47	0.00
WMHKH X	186.8	1.34	2.49	77.7	-0.29	3.95	173.7	1.51	4.05	613.9	0.88	3.50	269.9	0.51	2.45
WMVDVC	152.3	-0.66	0.96	71.4	-0.81	0.69	151.3	-0.09	1.02	597.3	0.56	0.30	250.7	-0.09	0.39
WZJH6U	125.6	-2.21	0.32	68.3	-1.06	0.34	151.4	-0.09	0.44	481.9	-1.68	0.50	232.4	-0.66	0.05
XMEJU3	170.2	0.38	0.76	77.7	-0.30	0.96	162.2	0.68	0.51	609.2	0.79	1.74	302.0	1.51	1.00
Y4V33U	168.7	0.29	0.22	83.3	0.17	0.16	148.0	-0.33		568.0	-0.01	0.31	246.0	-0.24	0.13
ZRFFR8	165.0	0.08		95.0	1.12		166.0	0.96		612.0	0.85		252.0	-0.05	
ZU7E67	156.9	-0.40	1.57	73.9	-0.60	0.65	155.0	0.17	0.37	581.6	0.25	0.39	269.8	0.51	1.03
ZULXP4	173.9	0.59	1.44	87.4	0.50	1.92	175.1	1.61	0.89	633.0	1.25	0.84	298.9	1.42	1.45



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	163.7	81.3	152.6	568.5	253.6	
Median Abs Dev	10.6	7.5	8.3	29.3	16.2	
Avg Within Lab SD	5.3	3.6	5.6	19.1	7.8	
Labs Included	48	48	48	47	48	
Labs Reporting	48	48	48	48	48	



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2442A9	2,353.7	0.02	0.46	1,228.6	-0.39	0.04	479.2	-0.14	0.59	1,511.1	-0.12	0.62	1,045.6	-0.06	0.36	
3QWB9Z	2,088.5	-1.17	0.49	1,237.3	-0.36	0.24	445.3	-0.70	0.03	1,501.5	-0.18	0.38	1,053.8	0.00	0.06	
3ZMTL9	2,366.2	0.07	0.00	1,234.5	-0.37		508.4	0.35	0.00	1,454.5	-0.48		1,069.1	0.10	0.00	
44GAC8	2,118.7	-1.04	0.25	1,210.7	-0.47	0.12	468.0	-0.32	0.08	1,507.0	-0.15	0.14	1,070.7	0.11	0.05	
74RQNC	2,438.0	0.40	1.03	1,259.3	-0.26	0.84	497.7	0.17	0.78	1,592.3	0.39	1.07	1,142.0	0.58	2.98	
77WJFP	2,685.0	1.50	1.06	1,710.7	1.68	0.48	571.7	1.40	0.49	1,749.0	1.39	1.54	1,195.7	0.93	0.28	
7J3C82	2,167.8	-0.82	0.49	1,181.7	-0.59	0.72	461.2	-0.44	0.55	1,448.7	-0.52	0.95	1,009.7	-0.29	0.79	
7XMU3Q	2,356.3	0.03	0.68	1,397.7	0.33	0.55	486.7	-0.01	0.95	1,601.7	0.45	0.57	1,263.7	1.37	1.51	
8DDEWJ	2,516.3	0.75	0.18	1,333.2	0.06	0.36	473.4	-0.23	0.32	1,637.9	0.68	0.25	1,131.6	0.51	0.51	
8JZ2QP	2,295.3	-0.24	2.06	1,202.1	-0.51	0.47	421.3	-1.10	0.13	1,377.8	-0.97	0.82	1,023.5	-0.20	0.54	
99DM2R	2,426.2	0.34	0.08	1,295.0	-0.11	0.23	465.5	-0.36	0.49	1,652.3	0.77	0.61	1,171.4	0.77	0.48	
AFD723	2,320.9	-0.13	0.32	1,379.0	0.25	0.22	407.6	-1.32	0.13	1,391.0	-0.88	0.35	780.0	-1.80	0.66	
BCAQ6J	2,114.7	-1.05	0.31	1,099.1	-0.95	0.35	427.3	-1.00	0.34	1,413.8	-0.74	0.59	998.1	-0.37	0.62	
BLYE38	3,050.7	3.14X	0.25	1,834.2	2.21	0.24	530.7	0.72	0.20	1,977.9	2.84	0.13	1,077.5	0.15	0.16	
BURRXZ	2,023.7	-1.46	0.11	1,165.0	-0.67	0.07	375.7	-1.85	0.16	1,378.7	-0.96	0.12	941.3	-0.74	0.07	
BYYKRW	2,336.5	-0.06	0.48	1,528.5	0.90	0.11	592.7	1.74	1.98	1,531.8	0.01	0.43	911.0	-0.94	0.28	
DVWYFJ	2,282.6	-0.30	0.65	1,260.7	-0.25	0.15	442.5	-0.75	0.44	1,437.5	-0.59	1.08	1,068.4	0.09	0.65	
ET234V	2,470.3	0.54	0.32	1,547.9	0.98	0.26	448.3	-0.65	0.85	1,525.6	-0.03	0.41	839.6	-1.41	0.48	
FF9VLK	2,702.0	1.58	3.31	1,466.7	0.63	1.76	564.3	1.27	0.56	1,706.3	1.12	2.28	1,157.7	0.68	0.86	
FWHLNP	2,329.7	-0.09	1.08	1,179.7	-0.60	0.37	507.0	0.32	0.92	1,429.7	-0.64	1.07	1,114.3	0.39	0.60	
G67WCP	2,206.8	-0.64	0.60	1,229.3	-0.39	0.50	499.1	0.19	0.32	1,464.3	-0.42	0.52	1,083.0	0.19	0.24	
JKCZPF	3,018.7	3.00X	0.25	1,889.0	2.45	0.23	479.2	-0.14	0.24	1,890.0	2.28	1.17	948.1	-0.70	0.52	
JXXFTF	2,570.8	0.99	0.49	1,545.4	0.97	0.19	487.9	0.01	0.46	1,536.4	0.04	0.25	897.3	-1.03	1.49	
K2EYDA	2,538.9	0.85	0.09	1,603.4	1.22	0.06	499.4	0.20	0.09	1,615.9	0.54	0.04	931.3	-0.81	0.05	
LJARY8	2,292.3	-0.26	0.67	1,461.3	0.61	1.03	427.6	-0.99	0.42	1,398.7	-0.83	0.77	760.3	-1.93	0.53	
NBWFUW	2,620.0	1.21		1,320.0	0.00		483.0	-0.07		1,720.0	1.20		1,150.0	0.63		



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PFJPGC	2,257.3	-0.41	1.17	1,262.7	-0.25	0.23	493.4	0.10	1.61	1,438.3	-0.58	2.03	949.2	-0.69	1.31	
QFZ6AK	2,305.6	-0.20	0.49	1,186.0	-0.58	0.30	468.4	-0.32	0.03	1,446.3	-0.53	0.21	879.3	-1.15	0.19	
QHL8TD	2,619.7	1.21	0.85	1,411.3	0.39	0.96	595.0	1.78	0.88	2,169.0	4.05X	1.49	1,372.3	2.09	2.37	
THFEE3	2,229.8	-0.54	0.13	1,227.4	-0.40	0.17	468.1	-0.32	0.60	1,530.3	0.00	0.14	1,057.7	0.02	0.69	
TRLGC8	2,411.6	0.28	2.29	1,484.9	0.71	1.59	467.5	-0.33	2.55	1,548.3	0.11	0.72	859.2	-1.28	1.44	
UKYQOD	2,160.2	-0.85	0.46	1,151.6	-0.72	0.59	488.7	0.02	0.21	1,382.2	-0.94	0.34	917.3	-0.90	0.10	
UPUKNE	2,220.7	-0.58	0.44	1,362.0	0.18	0.11	527.7	0.67	0.09	1,456.7	-0.47	0.56	1,140.0	0.56	0.26	
VH6JK7	2,645.9	1.33	0.84	1,884.7	2.43	4.16	580.1	1.54	0.79	1,821.7	1.85	0.80	1,103.4	0.32	0.47	
VTM2DD	2,368.4	0.08	0.17	5,693.0	18.80X	100.45	575.2	1.45	0.58	1,618.3	0.56	0.49	1,240.3	1.22	0.39	
WEZBU2	2,490.3	0.63		1,609.3	1.24		583.8	1.60		1,582.6	0.33	0.00	1,050.5	-0.02		
WMHKH X	2,568.2	0.98	1.80	1,296.3	-0.10	2.14	408.5	-1.31	2.85	1,665.9	0.86	3.37	924.8	-0.85	2.73	
WMVDVC	2,205.3	-0.65	0.16	1,165.7	-0.66	0.26	521.7	0.57	2.96	1,494.7	-0.23	0.61	987.3	-0.44	0.24	
WZJH6U	1,899.8	-2.02	0.94	1,181.4	-0.60	1.09	518.3	0.51	0.26	1,444.2	-0.55	0.18	1,086.1	0.21	0.66	
XMEJU3	2,604.3	1.14	0.69	1,351.2	0.13	0.61	523.0	0.59	0.40	1,662.8	0.84	1.91	1,226.2	1.13	1.14	
Y4V33U	2,345.7	-0.02	1.10	1,321.0	0.00	1.04	549.0	1.02	1.60	1,555.3	0.16	0.88	1,013.7	-0.27	1.20	
ZRFFR8	2,543.0	0.87		1,637.0	1.36		474.0	-0.22		1,623.0	0.59		930.0	-0.81		
ZU7E67	2,253.9	-0.43	0.33	1,222.3	-0.42	0.23	487.0	-0.01	0.44	1,514.7	-0.10	0.32	1,054.6	0.00	0.10	
ZULXP4	2,477.8	0.57	1.60	1,464.7	0.62	1.78	540.5	0.88	0.60	1,704.0	1.10	0.83	1,199.1	0.95	1.27	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	2,349.7			1,320.0			487.5			1,530.3			1,054.2			
Median Abs Dev	134.8			134.0			32.5			88.0			99.6			
Avg Within Lab SD	67.5			72.4			22.6			44.1			43.1			
Labs Included	42			43			44			43			44			
Labs Reporting	44			44			44			44			44			



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2442A9	550.9	0.04	0.50	104.6	0.13	0.13	137.0	0.69	1.40	283.8	0.02	0.46	168.3	0.37	0.54
3QWB9Z	512.0	-0.64	0.83	102.5	0.00	0.72	116.8	-0.96	0.37	284.5	0.04	0.49	169.5	0.43	
3ZMTL9	547.2	-0.03	0.00	100.9	-0.09	0.00	131.7	0.26	0.00	271.0	-0.47		164.7	0.20	0.00
44GAC8	497.0	-0.91	0.16	93.7	-0.52	0.37	128.7	0.01	0.17	269.7	-0.52	0.17	166.0	0.26	0.59
74RQNC	545.3	-0.06	0.89	96.7	-0.34	0.70	128.0	-0.04	1.29	283.0	-0.02	0.80	175.0	0.69	3.27
77WJFP	649.0	1.76	1.54	131.7	1.72	1.21	155.0	2.16	0.78	328.3	1.70	0.38	182.7	1.06	0.68
7J3C82	503.7	-0.79	0.13	94.6	-0.47	0.07	120.7	-0.64	0.40	263.9	-0.74	0.52	160.7	0.00	0.65
7XMU3Q	537.0	-0.21	0.56	110.0	0.44	0.84	131.7	0.26	1.81	296.3	0.49	0.83	190.7	1.45	1.12
8DDEWJ	595.7	0.83	0.24	96.0	-0.38	0.59	125.7	-0.24	0.58	296.3	0.49	0.67	169.3	0.42	0.35
8JZ2QP	529.0	-0.35	2.15	90.4	-0.71	0.97	109.3	-1.57	0.68	250.8	-1.24	1.01	154.6	-0.29	0.50
99DM2R	598.8	0.88	0.14	102.0	-0.03	0.26	132.9	0.36	0.15	318.7	1.33	0.99	191.3	1.47	0.63
AFD723	577.2	0.50	1.27	101.4	-0.06	0.34	111.0	-1.43	0.27	260.3	-0.87	0.33	122.4	-1.84	0.51
BCAQ6J	480.9	-1.19	0.26	78.4	-1.42	0.13	104.8	-1.94	0.54	246.1	-1.41	0.47	142.3	-0.88	0.63
BLYE38	620.9	1.27	0.12	133.2	1.81	0.09	131.2	0.22	0.36	316.9	1.27	0.07	152.1	-0.41	0.29
BURRXZ	460.3	-1.55	0.22	82.3	-1.19	0.50	97.3	-2.55	0.62	245.0	-1.45	0.69	141.7	-0.91	0.64
BYYKRW	520.3	-0.50	0.69	108.1	0.33	0.58	116.6	-0.97	0.48	255.6	-1.05	0.27	119.8	-1.96	0.80
DVWYFJ	517.4	-0.55	0.81	90.6	-0.70	0.16	113.9	-1.20	0.88	254.0	-1.11	1.22	156.0	-0.22	0.98
ET234V	595.5	0.82	0.35	122.3	1.16	1.03	130.1	0.12	1.03	299.8	0.62	0.29	140.4	-0.97	0.32
FF9VLK	621.3	1.28	3.45	114.0	0.68	3.19	138.0	0.77	0.78	331.7	1.83	1.66	184.3	1.14	1.26
FWHLNP	528.3	-0.36	0.89	91.3	-0.66	0.33	127.3	-0.10	1.40	256.0	-1.04	0.91	165.7	0.24	0.78
G67WCP	527.2	-0.38	0.52	105.4	0.17	0.63	128.1	-0.04	0.99	282.5	-0.03	0.91	163.2	0.12	0.44
JKCZPF	568.0	0.34	0.14	115.6	0.77	0.13	120.9	-0.63	0.28	280.5	-0.11	0.42	129.6	-1.49	0.08
JXXFTF	619.5	1.24	0.48	117.0	0.86	0.36	128.4	-0.01	0.74	284.9	0.06	0.38	138.5	-1.06	1.67
K2EYDA	649.1	1.77	0.10	141.9	2.32	0.26	141.5	1.06	0.18	322.3	1.47	0.11	150.3	-0.50	0.35
LJARY8	560.5	0.21	0.67	111.0	0.50	0.99	117.7	-0.89	0.66	265.3	-0.69	0.83	125.9	-1.67	0.67
NBWFUW	612.0	1.11		92.0	-0.62		128.0	-0.04		294.0	0.40		165.0	0.21	



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PFJPGC	551.5	0.05	0.92	99.4	-0.18	1.49	134.1	0.45	2.44	267.9	-0.59	2.99	152.5	-0.39	1.50	
QFZ6AK	521.3	-0.48	0.21	101.0	-0.09	0.24	124.6	-0.33	0.30	269.6	-0.52	0.22	141.7	-0.91	0.07	
QHL8TD	547.7	-0.02	0.15	116.0	0.80	0.24	142.0	1.10	0.78	305.3	0.83	0.74	190.7	1.45	0.26	
THFEE3	538.4	-0.18	0.31	94.7	-0.46	0.95	130.4	0.15	0.31	270.0	-0.51	0.80	160.5	0.00	1.07	
TRLGC8	576.0	0.48	1.25	128.5	1.53	1.82	127.8	-0.06	2.02	287.9	0.17	0.68	139.3	-1.02	0.83	
UKYQOD	520.9	-0.49	0.89	92.7	-0.57	0.19	127.6	-0.08	1.22	257.5	-0.98	0.72	146.3	-0.69	0.53	
UPUKNE	517.3	-0.55	0.43	114.3	0.70	0.91	131.0	0.20	0.78	273.3	-0.38	0.74	160.0	-0.03	0.44	
VH6JK7	498.0	-0.89	0.39	165.0	3.68X	10.73	135.9	0.60	1.03	307.2	0.90	1.31	146.1	-0.70	0.48	
VTM2DD	552.6	0.07	0.29	103.9	0.08	0.57	129.3	0.06	0.97	280.6	-0.11	0.06	161.8	0.06	0.49	
WEZBU2	567.6	0.33	0.00	137.6	2.07	0.00	153.3	2.02	0.00	292.2	0.33	0.00	168.4	0.37	0.00	
WMHKH X	590.0	0.73	2.77	96.6	-0.35	2.35	127.7	-0.07	1.12	301.8	0.70	2.41	157.8	-0.13	1.71	
WMVDVC	549.7	0.02	0.39	85.1	-1.03	0.52	111.3	-1.41	1.04	292.3	0.34	0.43	145.0	-0.75	0.22	
WZJH6U	425.7	-2.16	0.28	95.6	-0.41	0.42	144.6	1.31	0.39	276.3	-0.27	1.41	163.2	0.12	0.23	
XMEJU3	608.8	1.06	0.74	103.0	0.03	0.96	140.0	0.94	0.65	300.0	0.63	2.52	186.7	1.25	2.10	
Y4V33U	543.3	-0.09	0.82	108.7	0.36	1.81	123.7	-0.40	2.22	291.0	0.29	0.40	162.3	0.08	1.14	
ZRFFR8	625.0	1.34		128.0	1.50		132.0	0.28		306.0	0.86		150.0	-0.51		
ZU7E67	530.5	-0.32	0.67	95.8	-0.39	0.47	129.7	0.09	1.34	280.4	-0.11	0.27	163.3	0.13	0.93	
ZULXP4	597.1	0.85	1.68	108.9	0.38	2.11	140.2	0.95	1.08	302.2	0.71	0.72	177.8	0.83	1.85	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	548.7			102.5			128.5			283.4			160.6			
Median Abs Dev	29.9			8.5			5.2			16.0			10.5			
Avg Within Lab SD	16.3			4.1			3.4			6.6			4.5			
Labs Included	44			43			44			44			44			
Labs Reporting	44			44			44			44			44			



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2442A9	13.75	0.15	0.26	10.02	0.20	0.06	34.77	0.30	0.60	134.71	0.39	1.74	15.90	0.14	0.15	
3ZMTL9	14.10	0.22	0.00	9.38	0.07	0.00	35.10	0.37	0.00	119.80	-0.66	0.00	18.00	0.65		
74RQNC	16.00	0.61	4.48	8.00	-0.21	0.81	33.00	-0.04	1.12	120.67	-0.60	3.35	14.33	-0.25	1.51	
77WJFP	8.67	-0.88	0.54	6.20	-0.58	0.14	35.33	0.41	0.86	145.33	1.14	0.76	11.00	-1.06	0.28	
7J3C82	15.44	0.50	0.98	11.67	0.53	0.89	36.11	0.56	0.32	127.30	-0.13	0.56	19.27	0.96	0.45	
7XMU3Q	9.67	-0.68	0.46	6.33	-0.55	0.27	32.33	-0.17	0.65	134.33	0.37	0.55	14.33	-0.25	0.27	
8DDEWJ	7.28	-1.16	0.01	2.77	-1.27	0.00	29.60	-0.70	0.24	139.37	0.72	0.42	9.60	-1.40	0.03	
8JZ2QP	11.28	-0.35	0.14	7.65	-0.28	0.12	29.08	-0.80	0.69	115.15	-0.98	1.08	13.78	-0.38	0.71	
99DM2R	9.23	-0.77	0.29	7.61	-0.29	0.32	31.39	-0.35	0.21	132.47	0.23	0.64	14.38	-0.23	0.10	
AFD723	4.46	-1.74	0.10	1.05	-1.62	0.16	23.27	-1.92	0.24	111.01	-1.28	0.27	5.08	-2.49	0.17	
BCAQ6J	13.00	0.00	1.44	8.25	-0.16	0.10	28.78	-0.86	0.55	113.22	-1.12	0.54	20.67	1.30	4.11	
BLYE38	11.36	-0.33	0.36	104.67	19.43X	0.60	162.43	25.00X	0.11	134.74	0.39	0.19	10.36	-1.21	0.16	
BURRXZ	9.33	-0.75	0.46	6.67	-0.48	0.27	26.00	-1.39		117.00	-0.85	0.26	12.67	-0.65	0.27	
BYYKRW	13.00	0.00	0.51	8.90	-0.03	0.22	31.63	-0.30	0.84	127.53	-0.11	0.25	12.34	-0.73	0.03	
DVWYFJ	6.54	-1.32	0.07	3.12	-1.20	0.09	26.26	-1.34	0.21	113.67	-1.09	1.16	9.10	-1.52	0.04	
ET234V	596.25	118.82X	2.46	599.86	120.02X	3.77	625.80	114.66X	5.29	717.67	41.42X	0.79	594.03	140.68X	3.17	
FF9VLK	9.10	-0.79	1.13	5.10	-0.80	0.87	32.50	-0.14	1.55	137.00	0.55	1.14	13.27	-0.50	0.20	
FWHLNP	10.77	-0.45	0.73	7.64	-0.29	0.24	33.00	-0.04	0.48	115.67	-0.95	0.40	15.47	0.03	0.26	
G67WCP	13.39	0.08	0.36	11.36	0.47	0.24	37.50	0.83	1.05	132.98	0.27	0.64	18.30	0.72	0.32	
JKCZPF	99.55	17.63X	3.18	47.17	7.74X	3.86	44.02	2.09	2.30	166.10	2.60	1.07	35.26	4.84X	0.52	
JXXFTF	13.97	0.20	0.73	10.62	0.32	0.34	36.39	0.62	0.82	136.00	0.48	0.48	16.51	0.28	0.49	
K2EYDA	19.52	1.33	0.40	13.50	0.91	0.09	41.06	1.52	0.54	137.38	0.58	0.28	19.67	1.05	0.37	
LJARY8	8.82	-0.85	0.08	6.58	-0.50	0.43	30.64	-0.49	0.39	118.80	-0.73	0.76	10.17	-1.26	0.35	
PFJPGC	16.47	0.71	0.24	12.01	0.60	0.23	40.12	1.34	1.67	129.13	0.00	1.95	18.84	0.85	0.52	
QFZ6AK	14.03	0.21	0.12	10.97	0.39	0.07	31.80	-0.27	0.00	110.10	-1.34	0.41	16.27	0.22	0.07	
QHL8TD	15.67	0.54	0.46	14.00	1.01		36.33	0.61	0.32	128.67	-0.03	0.84	19.67	1.05	0.27	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
THFEE3	13.76	0.16	0.10	9.87	0.17	0.08	32.67	-0.10	0.05	122.23	-0.49	0.53	15.31	-0.01	0.03	
TRLGC8	34.80	4.44X	16.23	19.62	2.15	5.22	35.99	0.54	2.08	138.73	0.68	1.56	19.80	1.08	3.03	
UKYQQD	14.19	0.24	0.26	11.93	0.59	0.11	34.05	0.16	0.76	117.74	-0.80	0.47	14.59	-0.18	0.34	
UPUKNE	20.93	1.62	0.81	23.17	2.87	0.19	33.36	0.03	0.12	127.70	-0.10	0.09	16.01	0.16	0.09	
VH6JK7	118.86	21.57X	3.87	116.36	21.80X	1.89	156.94	23.94X	5.84	253.57	8.76X	1.77	135.04	29.10X	7.14	
VTM2DD	11.52	-0.30	0.17	9.19	0.03	0.11	37.54	0.84	0.61	132.48	0.24	0.29	15.37	0.01	0.53	
WMHKH X	12.97	-0.01	1.42	8.00	-0.21	0.38	34.27	0.21	2.42	143.97	1.04	0.99	14.90	-0.11	0.88	
WZJH6U	0.91	-2.46	0.20	1.84	-1.46	0.27	3.83	-5.68X	0.03	12.17	-8.23X	0.14	1.68	-3.32X	0.06	
Y4V33U	11.41	-0.32	0.90	9.21	0.03	0.40	32.08	-0.22	1.17	128.00	-0.08	0.68	17.37	0.49	0.61	
ZRFFR8	24.00	2.24		17.00	1.62		44.00	2.09		147.00	1.26		17.00	0.40		
ZU7E67	13.71	0.15	0.15	8.52	-0.11	0.13	33.04	-0.03	0.73	130.89	0.12	0.78	15.19	-0.04	0.05	
ZULXP4	16.94	0.80	1.42	13.60	0.93	1.11	39.65	1.25	1.18	146.18	1.20	1.14	20.62	1.28	0.06	

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	13.0			9.04			33.2			129.1			15.3			
Median Abs Dev	2.6			2.42			2.7			8.5			2.4			
Avg Within Lab SD	1.2			2.13			1.8			3.8			2.1			
Labs Included	34			34			34			35			34			
Labs Reporting	38			38			38			38			38			



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	12.48	-0.12	1.24	9.78	0.10	1.03	14.64	0.55	0.78	24.08	0.08	0.93	11.70	0.59	1.63
2442A9	12.63	-0.02	0.70	7.74	-1.25	0.31	13.20	-0.43	0.62	21.16	-0.80	0.51	9.95	-0.83	0.21
3ZMTL9	12.70	0.02	0.00	9.37	-0.17	0.00	13.80	-0.02	0.00	23.50	-0.10		11.30	0.27	0.00
44GAC8	10.90	-1.10	0.20	8.23	-0.92	0.34	14.00	0.12	0.38	22.93	-0.27	0.35	10.37	-0.49	0.27
74RQNC	12.00	-0.41		8.00	-1.07		13.67	-0.11	0.74	25.67	0.56	0.50	11.00	0.02	1.17
77WJFP	13.50	0.52	0.52	10.13	0.33	0.67	15.40	1.07	0.84	26.33	0.76	1.33	11.50	0.43	0.62
7J3C82	14.23	0.97	1.57	8.68	-0.62	1.48	12.50	-0.91	1.39	23.95	0.04	1.44	11.13	0.13	1.94
7XMU3Q	12.00	-0.41		8.00	-1.07		12.67	-0.80	0.74	25.67	0.56	0.50	11.33	0.29	0.68
8DDEWJ	4.09	-5.35X	0.68	4.26	-3.54X	0.21	10.24	-2.45	0.64	18.99	-1.46	0.28	4.89	-4.94X	0.35
99DM2R	13.76	0.68	0.18	9.43	-0.13	0.15	14.27	0.30	0.23	25.78	0.59	0.16	11.73	0.61	0.08
BCAQ6J	12.52	-0.09	0.23	8.11	-1.00	0.35	12.83	-0.68	0.39	22.30	-0.46	0.25	10.09	-0.72	0.29
BLYE38	13.65	0.61	0.82	10.10	0.31	0.42	13.99	0.11	0.43	30.44	2.00	0.29	11.07	0.08	0.88
BURRXZ	14.33	1.04	1.13	9.00	-0.41		9.00	-3.30X		19.00	-1.45		9.33	-1.33	0.68
BYYKRW	11.08	-0.99	0.30	8.47	-0.76	0.16	11.99	-1.25	0.83	21.09	-0.82	0.39	7.67	-2.68	0.21
DVWYFJ	10.23	-1.52	0.46	7.24	-1.58	0.02	11.31	-1.72	0.32	19.72	-1.24	0.68	9.14	-1.49	0.39
ET234V	22.39	6.06X	1.20	17.88	5.45X	2.44	14.60	0.53	3.28	21.64	-0.66	0.72	11.93	0.78	2.16
FF9VLK	13.30	0.40	0.52	10.93	0.86	1.97	15.93	1.44	0.93	27.30	1.05	2.24	12.23	1.02	1.06
FWHLNP	11.53	-0.71	0.45	8.09	-1.01	0.50	13.23	-0.41	0.73	22.73	-0.33	0.18	11.33	0.29	0.83
G67WCP	11.73	-0.59	0.66	10.54	0.60	0.30	16.02	1.50	0.98	24.90	0.33	0.08	12.41	1.16	1.14
G8YTZJ	16.30	2.27	0.74	12.36	1.80	0.28	16.10	1.55	0.42	24.67	0.26	0.15	10.43	-0.44	0.59
JXXFTF	13.54	0.55	0.27	10.35	0.48	0.26	14.14	0.21	0.22	24.96	0.35	0.09	9.84	-0.92	0.89
K2EYDA	13.74	0.67	0.07	10.00	0.25	0.05	12.99	-0.57	0.06	20.62	-0.97	0.29	8.90	-1.68	0.03
LJARY8	20.23	4.72X	0.96	11.75	1.40	1.33	15.15	0.90	0.44	27.38	1.08	0.32	10.96	-0.01	0.71
PFJPGC	12.46	-0.13	2.03	9.63	0.00	2.10	14.55	0.49	2.11	23.82	0.00	0.99	10.82	-0.12	1.17
QFZ6AK	12.85	0.12	0.50	10.02	0.26	0.39	15.10	0.87	0.17	24.54	0.22	0.43	10.95	-0.02	0.47
QHL8TD	13.33	0.42	1.13	10.00	0.25		15.67	1.25	0.74	26.33	0.76	1.01	13.00	1.65	



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
THFEE3	13.03	0.23	0.78	7.73	-1.25	0.18	13.64	-0.13	0.33	22.18	-0.50	0.45	10.35	-0.50	0.12	
TRLGC8	13.71	0.65	1.74	10.04	0.27	1.70	13.83	0.00	0.67	28.54	1.43	1.63	10.79	-0.15	0.94	
UKYQQD	9.08	-2.24	0.45	9.08	-0.36	1.81	13.82	-0.01	0.52	20.65	-0.96	0.88	10.15	-0.67	0.76	
UPUKNE	12.32	-0.22	0.12	9.64	0.01	0.14	13.33	-0.34	0.36	21.98	-0.55	0.54	11.01	0.03	0.25	
VTM2DD	11.31	-0.84	0.78	8.38	-0.82	0.95	13.49	-0.24	0.52	23.60	-0.07	0.11	10.64	-0.27	0.96	
WMHKH X	13.83	0.73	2.67	10.10	0.31	1.65	14.97	0.78	2.59	25.23	0.43	3.46	11.00	0.02	3.13	
WZJH6U	14.70	1.27	1.89	11.67	1.35	0.31	19.53	3.90X	0.52	31.57	2.34	1.01	14.80	3.11	0.23	
Y4V33U	12.80	0.08	0.68	9.65	0.02	1.35	13.27	-0.39	0.96	24.65	0.25	1.53	10.09	-0.71	0.55	
ZRFFR8	12.00	-0.41		11.00	0.91		15.00	0.80		23.00	-0.25		11.00	0.02		
ZU7E67	12.07	-0.37	0.88	7.49	-1.41	0.44	12.82	-0.69	0.32	21.33	-0.75	0.45	10.09	-0.72	0.37	
ZULXP4	10.19	-1.54	0.48	9.25	-0.25	1.76	13.83	0.00	0.29	22.94	-0.26	0.34	10.99	0.01	0.04	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	12.7			9.63			13.8			23.8			11.0			
Median Abs Dev	0.9			0.91			0.8			1.8			0.6			
Avg Within Lab SD	0.5			0.73			0.8			1.1			0.9			
Labs Included	34			35			35			37			36			
Labs Reporting	37			37			37			37			37			



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2442A9	956.4	0.03	0.81	871.4	0.17	0.23	717.1	-0.02	0.64	392.3	-0.18	1.07	380.3	0.59	0.47	
77WJFP	1,043.0	0.89	0.47	1,017.0	1.39	1.10	847.3	1.45	1.44	452.0	0.94	0.79	418.0	1.68	0.26	
7J3C82	950.1	-0.03	0.11	826.1	-0.21	0.35	694.1	-0.28	0.33	381.7	-0.38	0.74	369.1	0.26	0.94	
8DDEWJ	1,052.0	0.98	0.10	941.2	0.75	0.35	781.7	0.71	0.45	447.2	0.84	0.36	382.7	0.66	0.08	
8JZ2QP	979.7	0.26	1.49	850.5	-0.01	0.39	687.3	-0.36	0.74	386.7	-0.29	0.80	373.5	0.39	0.45	
99DM2R	1,155.0	2.01	0.26	1,008.1	1.31	0.24	896.4	2.00	0.48	527.2	2.34	0.78	511.8	4.39X	0.27	
AFD723	1,080.9	1.27	1.92	972.7	1.02	0.72	707.2	-0.13	0.59	402.1	0.00	0.38	336.4	-0.68	0.38	
BCAQ6J	905.1	-0.48	0.25	741.6	-0.92	0.19	645.9	-0.82	0.86	366.5	-0.67	0.47	332.0	-0.81	0.53	
BLYE38	1,537.7	5.82X	0.04	1,473.7	5.21X	0.15	1,254.3	6.03X	0.34	735.1	6.24X	0.42	602.7	7.02X	0.73	
BURRXZ	949.7	-0.04	0.17	802.3	-0.41	0.15	695.0	-0.27	0.29	403.3	0.02	0.53	360.0	0.00	0.19	
BYYKRW	940.6	-0.13	0.49	911.0	0.50	0.82	789.0	0.79	1.76	405.8	0.07	0.52	336.9	-0.67	0.79	
DVWYFJ	869.8	-0.83	0.36	772.5	-0.66	0.16	631.1	-0.99	0.52	352.8	-0.92	0.96	347.6	-0.36	0.70	
ET234V	1,092.6	1.39	0.67	1,084.2	1.95	0.42	959.1	2.70	1.21	499.6	1.83	0.34	399.7	1.15	0.58	
FF9VLK	1,065.0	1.11	2.98	981.3	1.09	2.91	887.0	1.89	2.70	485.3	1.56	2.98	411.3	1.48	1.90	
FWHLNP	974.0	0.21	0.42	808.0	-0.36	0.26	742.0	0.26	0.64	389.3	-0.24	0.81	387.3	0.79	0.72	
G67WCP	883.2	-0.70	0.33	814.7	-0.31	0.38	707.8	-0.12	0.07	376.8	-0.48	0.58	351.3	-0.25	0.43	
JXXFTF	1,056.7	1.03	0.21	1,001.7	1.26	0.18	772.1	0.60	0.49	415.5	0.25	0.11	350.8	-0.27	0.97	
LJARY8	1,012.9	0.59	0.78	1,013.0	1.35	1.50	843.3	1.40	0.56	437.6	0.66	0.76	376.8	0.49	0.87	
NBFWU	914.0	-0.39		779.0	-0.61		676.0	-0.48		350.0	-0.98		292.0	-1.97		
PFJPGC	864.1	-0.89	0.42	825.0	-0.22	0.43	705.6	-0.15	0.62	449.8	0.89	0.01	331.3	-0.83	0.31	
THFEE3	899.9	-0.53	0.75	835.4	-0.13	0.20	706.3	-0.14	0.59	384.3	-0.33	0.77	364.4	0.13	0.74	
TRLGC8	1,067.7	1.14	1.02	1,007.8	1.31	0.51	794.9	0.86	0.95	463.6	1.15	2.15	346.0	-0.41	0.65	
UKYQQD	936.4	-0.17	0.32	782.3	-0.58	1.09	709.5	-0.10	0.86	383.5	-0.35	0.27	348.1	-0.34	1.41	
VTM2DD	882.4	-0.70	0.02	845.6	-0.05	0.00	743.6	0.28	0.72	422.5	0.38	1.25	369.8	0.28	0.61	
WMHKH X	1,003.8	0.50	2.04	852.2	0.01	2.80	754.5	0.40	1.67	144.0	-4.84X	0.34	346.1	-0.40	3.15	



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZRFFR8	898.0	-0.55		909.0	0.48		690.0	-0.32		383.0	-0.36		296.0	-1.85		
ZU7E67	883.9	-0.69	0.61	791.8	-0.50	0.59	720.6	0.02	0.74	363.1	-0.73	0.12	364.4	0.13	0.58	
Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	953.3			851.3			718.8			402.1			360.0			
Median Abs Dev	64.5			64.3			33.6			25.3			16.8			
Avg Within Lab SD	26.3			32.9			21.2			11.1			13.9			
Labs Included	26			26			26			25			25			
Labs Reporting	27			27			27			27			27			



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2442A9	2.84	0.56	0.20	1.53	0.46	0.26	1.16	0.46	0.39	4.17	0.05	0.22	6.95	0.04	0.07	
3ZMTL9	2.40	-0.77	0.00	1.28	-0.52	0.00	1.06	-0.44	0.00	3.65	-1.31	0.00	6.54	-0.42	0.00	
44GAC8	2.40	-0.78	0.56	1.52	0.42	0.55	1.18	0.66	0.40	3.83	-0.83	0.47	6.70	-0.23	0.74	
74RQNC	2.49	-0.52	1.68	1.38	-0.12	0.70	1.05	-0.53	1.09	4.11	-0.10	0.93	7.01	0.11	2.35	
77WJFP	3.03	1.14	1.27	1.49	0.30	0.50	1.20	0.85	0.40	4.55	1.05	1.59	7.96	1.18	0.24	
7J3C82	2.65	-0.02	0.45	1.43	0.07	0.66	1.19	0.76	0.52	4.17	0.05	1.01	6.90	-0.01	0.56	
7XMU3Q	2.67	0.03	1.30	1.57	0.60	0.72	1.20	0.85	0.00	4.37	0.57	0.47	8.37	1.64	1.14	
8DDEWJ	2.71	0.17	0.07	1.36	-0.20	0.33	1.12	0.15	0.23	4.46	0.80	0.47	7.47	0.63	0.34	
8JZ2QP	2.58	-0.24	1.16	1.35	-0.25	0.76	1.05	-0.51	0.97	3.80	-0.92	0.65	6.92	0.01	0.49	
99DM2R	2.77	0.34	0.14	1.60	0.72	0.07	1.29	1.65	0.19	5.04	2.33	0.18	8.41	1.69	0.11	
AFD723	2.37	-0.86	0.14	1.42	0.02	0.04	1.07	-0.39	0.34	3.94	-0.55	0.39	6.00	-1.02	0.72	
BCAQ6J	2.60	-0.17	1.18	1.15	-1.00	0.47	1.03	-0.75	0.24	3.87	-0.72	0.78	56.87	56.15X	244.02	
BLYE38	3.14	1.46	0.07	1.77	1.40	0.94	1.15	0.42	0.49	4.42	0.71	0.38	6.54	-0.41	0.03	
BURRXZ	2.42	-0.73	0.33	1.30	-0.43	0.13	1.06	-0.47	0.23	3.87	-0.74	0.49	6.48	-0.48	0.07	
BYYKRW	2.74	0.25	0.63	1.84	1.65	1.81	1.27	1.47	1.52	4.24	0.25	0.49	5.70	-1.36	0.28	
DVWYFJ	2.42	-0.72	0.11	1.24	-0.65	0.29	1.09	-0.19	1.37	3.67	-1.26	0.89	6.92	0.01	0.52	
ET234V	3.60	2.86X	2.90	1.05	-1.42	2.17	0.96	-1.35	3.66	6.17	5.28X	0.64	9.35	2.74X	1.49	
FF9VLK	2.84	0.55	1.13	1.66	0.95	1.61	1.32	1.92	2.66	4.56	1.06	0.82	7.19	0.31	0.14	
FWHLNP	2.66	0.02	0.75							4.04	-0.30	0.59	7.68	0.87	1.25	
G67WCP	1.69	-2.95X	0.97	1.07	-1.32	0.13	0.95	-1.44	0.47	3.81	-0.90	0.25	6.67	-0.27	0.73	
JKCZPF	3.29	1.92	0.72	2.02	2.37	0.72	1.21	0.91	0.87	4.72	1.49	0.81	6.37	-0.61	0.49	
JXXFTF	2.81	0.46	0.46	1.68	1.03	0.29	1.99	8.07X	18.78	4.20	0.13	0.44	6.20	-0.80	1.23	
K2EYDA	2.04	-1.87	0.10	1.72	1.20	0.22	1.05	-0.50	0.17	3.97	-0.48	0.14	5.71	-1.34	0.03	
LJARY8	2.70	0.13	1.15	1.60	0.74	1.04	1.10	-0.10	0.38	4.31	0.41	0.85	5.90	-1.14	1.31	
MGHDKH	2.59	-0.20	0.60	1.34	-0.26	0.29	1.14	0.30	0.15	4.19	0.10	0.25	6.96	0.05	0.09	
NBWFUW	3.01	1.08		1.69	1.08		1.92	7.45X		4.64	1.28		8.28	1.54		



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PFJPGC	2.36	-0.90	2.25	1.33	-0.33	2.60	1.11	0.00	1.77	3.82	-0.86	2.59	6.09	-0.92	0.91	
QFZ6AK	2.84	0.57	0.29	1.50	0.32	0.22	1.26	1.38	0.03	4.18	0.08	0.27	5.83	-1.21	0.17	
QHL8TD	2.57	-0.27	0.65	1.40	-0.05	0.00	1.40	2.68X	0.00	4.60	1.18	0.81	8.50	1.79	0.74	
THFEE3	2.87	0.63	0.49	1.54	0.49	0.46	1.19	0.77	0.28	4.28	0.35	0.12	7.23	0.37	0.09	
TRLGC8	2.96	0.92	0.31	1.76	1.36	0.74	1.06	-0.44	0.64	4.06	-0.24	0.42	5.73	-1.32	0.58	
UKYQQD	2.38	-0.83	0.79	1.00	-1.58	0.51	0.95	-1.44	0.45	3.65	-1.32	0.70	5.95	-1.08	0.31	
UPUKNE	2.61	-0.15	0.28	1.38	-0.12	0.38	1.11	-0.01	0.23	3.85	-0.78	0.44	6.83	-0.09	0.06	
VH6JK7	3.02	1.12	0.62	1.64	0.87	0.62	1.05	-0.53	0.61	4.75	1.58	0.40	6.33	-0.65	0.18	
VTM2DD	2.30	-1.09	0.11	1.31	-0.38	0.07	1.24	1.18	0.61	3.96	-0.50	0.56	7.48	0.64	1.65	
WMHKH X	2.41	-0.75	1.37	1.23	-0.70	0.78	1.07	-0.34	0.26	4.13	-0.05	1.92	6.97	0.07	2.79	
WZJH6U	1.90	-2.30	1.13	1.40	-0.05	2.17	1.23	1.15	0.87	3.73	-1.09	0.47	7.07	0.18	1.27	
XMEJU3	2.58	-0.22	3.26	1.20	-0.82	2.17	1.05	-0.53	0.76	4.15	0.00	3.45	7.85	1.06	2.77	
Y4V33U	2.68	0.06	1.27	1.41	0.00	1.56	1.11	0.00	0.67	4.20	0.13	1.75	6.29	-0.69	0.82	
ZRFFR8	2.99	1.01		1.53	0.46		1.17	0.57		4.46	0.81		6.78	-0.14		
ZU7E67	2.76	0.32	0.76	1.37	-0.16	0.33	1.12	0.11	0.40	4.07	-0.20	0.45	7.05	0.16	0.09	
ZULXP4	2.38	-0.84	0.88	1.22	-0.75	1.31	1.10	-0.09	1.01	4.11	-0.10	0.83	7.29	0.43	1.05	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	2.66			1.41			1.11			4.15			6.91			
Median Abs Dev	0.20			0.13			0.06			0.27			0.55			
Avg Within Lab SD	0.09			0.08			0.07			0.12			0.36			
Labs Included	40			41			38			41			40			
Labs Reporting	42			41			41			42			42			



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2442A9	115.5	0.28	0.53	174.2	0.26	0.96	55.4	-0.02	0.83	75.2	0.12	1.41	53.1	0.32	0.44
3ZMTL9	104.3	-0.23	0.00	150.4	-0.35	0.00	48.8	-0.87	0.00	61.2	-1.11	0.00	44.8	-0.74	0.00
44GAC8	104.7	-0.22	0.39	141.0	-0.59	0.13	54.4	-0.16	0.18	72.8	-0.08	0.13	48.7	-0.25	0.33
74RQNC	110.5	0.05	1.06	173.6	0.24	0.61	56.9	0.17	1.33	76.4	0.23	1.28	50.8	0.03	1.39
77WJFP	123.3	0.65	0.39	197.0	0.84	0.13	66.7	1.43	0.86	86.0	1.08	1.23	60.3	1.23	0.87
7J3C82	112.3	0.13	0.39	165.1	0.03	0.14	49.7	-0.75	0.43	70.6	-0.29	0.31	53.1	0.32	0.61
7XMU3Q	90.7	-0.86	0.29	141.0	-0.59	0.46	55.3	-0.03	0.65	65.0	-0.78	0.47	53.3	0.34	0.87
8DDEWJ	121.5	0.56	0.29	180.5	0.42	0.08	58.2	0.34	0.56	82.4	0.76	0.28	53.7	0.39	0.17
8JZ2QP	113.4	0.19	0.97	170.1	0.15	1.25	51.4	-0.54	0.73	72.3	-0.13	0.71	53.0	0.31	0.80
99DM2R	103.4	-0.28	0.06	161.3	-0.07	0.03	59.2	0.47	0.52	85.3	1.02	0.78	64.3	1.74	0.32
AFD723	76.0	-1.54	0.62	110.9	-1.36	0.16	47.1	-1.09	0.22	52.1	-1.92	0.27	37.7	-1.64	0.74
BCAQ6J	99.9	-0.44	0.42	136.2	-0.71	0.26	48.7	-0.88	0.71	69.4	-0.39	0.47	44.5	-0.78	0.47
BLYE38	183.2	3.41X	0.25	302.9	3.55X	0.27	68.2	1.63	0.16	93.5	1.75	0.36	63.4	1.62	0.52
BURRXZ	82.0	-1.27	0.25	115.0	-1.25	0.13	40.0	-2.00		60.0	-1.22	0.47	39.7	-1.39	0.66
BYYKRW	109.6	0.01	0.76	172.1	0.21	0.99	58.1	0.32	1.46	74.0	0.02	0.23	42.9	-0.99	0.76
DVWYFJ	86.9	-1.04	0.22	131.8	-0.82	0.25	48.3	-0.94	0.69	63.5	-0.91	1.25	47.4	-0.41	1.02
ET234V	147.9	1.78	0.67	242.3	2.00	0.45	63.5	1.02	0.75	88.1	1.27	0.07	51.8	0.15	0.85
FF9VLK	148.0	1.79	2.87	220.3	1.44	2.06	73.7	2.33	0.24	98.1	2.15	2.42	63.4	1.62	1.08
FWHLNP	106.0	-0.16	0.44	152.3	-0.30	0.61	55.7	0.02	0.67	70.8	-0.26	1.23	56.0	0.68	0.57
G67WCP	77.7	-1.47	0.45	113.3	-1.30	0.24	48.6	-0.89	0.34	62.4	-1.00	0.59	44.4	-0.79	1.64
JKCZPF	178.4	3.19X	0.65	286.7	3.13X	0.50	67.0	1.48	0.19	98.3	2.17	0.43	65.3	1.86	1.40
JXXFTF	122.3	0.60	0.20	187.1	0.59	0.42	56.7	0.14	0.63	74.9	0.10	0.13	46.9	-0.48	1.55
K2EYDA	125.0	0.72	0.26	199.1	0.89	0.24	50.8	-0.62	0.52	72.3	-0.13	0.20	44.0	-0.85	0.34
LJARY8	124.0	0.67	0.72	197.4	0.85	1.05	55.9	0.04	0.55	73.5	-0.02	0.96	48.2	-0.31	1.05
NBFWU	116.0	0.31		173.0	0.23		61.7	0.79		80.6	0.60		55.3	0.59	
PFJPGC	91.9	-0.81	0.49	134.3	-0.76	0.87	52.0	-0.47	2.41	69.3	-0.40	1.19	44.3	-0.80	1.51



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QFZ6AK	109.2	-0.01	0.16	156.1	-0.20	0.17	59.5	0.50	0.26	75.0	0.10	0.02	44.4	-0.79	0.33
QHL8TD	123.3	0.65	0.39	193.3	0.75	0.27	54.7	-0.12	0.65	84.7	0.96	0.54	57.3	0.85	0.33
THFEE3	115.7	0.29	1.03	175.9	0.30	0.67	53.6	-0.26	2.71	74.3	0.05	0.67	51.4	0.10	2.17
TRLGC8	145.4	1.67	3.64	242.8	2.01	4.24	58.0	0.31	1.87	75.6	0.16	1.93	46.5	-0.52	0.79
UKYQQD	102.0	-0.34	0.35	146.6	-0.45	1.10	53.1	-0.31	1.05	70.8	-0.26	1.00	46.4	-0.53	1.61
VH6JK7	133.1	1.10	0.57	196.4	0.82	0.20	69.6	1.80	0.18	91.2	1.54	0.50	56.2	0.71	0.51
VTM2DD	100.4	-0.41	0.16	153.5	-0.27	0.09	60.3	0.61	0.91	75.7	0.17	2.36	50.4	-0.03	0.16
WMHKH X	97.4	-0.55	1.94	147.2	-0.43	1.49	51.2	-0.57	0.12	69.9	-0.34	0.65	48.3	-0.30	0.34
WZJH6U	97.4	-0.56	0.83	153.8	-0.26	0.57	57.9	0.30	1.65	70.5	-0.29	1.53	51.9	0.16	1.89
ZRFFR8	136.5	1.25		213.5	1.26		61.0	0.70		85.4	1.02		46.8	-0.48	
ZU7E67	107.9	-0.07	0.65	163.1	-0.03	0.30	53.1	-0.31	1.55	72.8	-0.09	1.55	51.3	0.09	1.49
ZULXP4	80.2	-1.35	0.20	115.1	-1.25	0.57	52.5	-0.40	0.64	65.5	-0.73	0.59	47.4	-0.41	0.95

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	109.4			164.1			55.6			73.8			50.6		
Median Abs Dev	12.1			23.1			4.0			4.4			4.1		
Avg Within Lab SD	3.9			7.8			1.8			2.1			1.8		
Labs Included	36			36			38			38			38		
Labs Reporting	38			38			38			38			38		



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2442A9	201.8	0.20	0.16	125.3	0.13	1.01	85.5	0.03	0.38	115.9	-0.17	0.88	141.5	0.54	0.24	
3ZMTL9	190.1	-0.21	0.00	112.4	-0.39	0.00	74.7	-0.77	0.00	101.3	-0.85	0.00	124.6	-0.53	0.00	
44GAC8	183.3	-0.45	0.10	122.0	0.00	0.19	92.3	0.53	0.15	125.3	0.28	0.41	146.7	0.87	0.72	
74RQNC	198.7	0.09	1.37	136.3	0.58	0.11	94.7	0.70	1.67	139.5	0.94	1.47	142.2	0.59	1.78	
77WJFP	201.7	0.20	0.88	122.3	0.01	0.29	91.7	0.48	0.54	123.7	0.20	0.55	146.0	0.83	0.24	
7J3C82	193.0	-0.10	0.34	111.4	-0.42	0.32	74.3	-0.79	0.45	105.8	-0.64	1.10	136.4	0.22	1.04	
7XMU3Q	161.0	-1.23	0.46	119.0	-0.12	0.56	89.7	0.33	0.30	128.7	0.43	0.41	153.3	1.30	0.49	
8DDEWJ	218.0	0.77	0.19	128.0	0.24	0.23	84.0	-0.08	0.26	127.5	0.38	0.28	136.1	0.20	0.00	
8JZ2QP	207.8	0.42	1.63	120.1	-0.08	0.54	77.8	-0.54	0.27	116.7	-0.13	0.93	136.0	0.19	0.77	
99DM2R	223.7	0.97	0.21	148.3	1.06	0.19	118.6	2.46	0.24	195.7	3.57X	0.75	206.2	4.66X	0.25	
AFD723	150.3	-1.61	0.39	100.9	-0.85	0.18	78.9	-0.46	0.42	115.9	-0.17	0.30	123.3	-0.61	0.64	
BCAQ6J	190.1	-0.21	0.61	105.5	-0.66	0.70	85.9	0.05	3.09	111.5	-0.37	0.67	126.4	-0.41	0.83	
BLYE38	321.2	4.40X	0.32	233.1	4.47X	0.36	143.7	4.30X	0.14	246.2	5.94X	0.13	218.6	5.46X	0.63	
BURRXZ	173.3	-0.80	0.27	99.0	-0.92	0.19	73.7	-0.84	0.15	115.0	-0.21	0.27	121.3	-0.74	0.36	
BYYKRW	208.1	0.43	0.75	126.3	0.17	1.04	94.7	0.70	0.97	123.9	0.21	0.11	123.6	-0.59	0.96	
DVWYFJ	153.7	-1.49	0.38	88.3	-1.36	0.34	65.2	-1.46	0.33	91.8	-1.29	0.55	120.0	-0.83	0.67	
ET234V	244.8	1.72	0.89	156.3	1.38	0.83	100.7	1.14	0.89	167.6	2.25	0.69	154.6	1.38	1.00	
FF9VLK	236.7	1.43	2.79	155.0	1.33	2.17	110.7	1.88	0.15	165.0	2.13	2.66	169.0	2.30	0.85	
FWHLNP	196.0	0.00	0.52	115.3	-0.27	0.96	86.3	0.09	0.14	118.0	-0.07	0.70	146.7	0.87	1.42	
G67WCP	145.8	-1.77	0.54	88.9	-1.33	0.28	74.5	-0.78	2.38	110.1	-0.44	1.88	124.7	-0.53	0.50	
JKCZPF	346.0	5.28X	0.68	251.6	5.21X	0.59	158.5	5.39X	0.76	255.1	6.35X	0.27	235.0	6.49X	2.67	
JXXFTF	213.6	0.62	0.18	130.8	0.35	0.50	84.4	-0.05	0.44	120.8	0.07	0.29	129.0	-0.25	1.28	
K2EYDA	205.6	0.34	0.21	155.3	1.34	0.21	104.0	1.38	0.26	161.9	1.99	0.47	141.6	0.55	0.41	
LJARY8	210.4	0.51	0.80	145.3	0.94	1.68	93.2	0.59	0.31	142.5	1.08	0.46	149.5	1.05	1.22	
PFJPGC	179.6	-0.58	0.98	97.9	-0.97	1.67	85.1	0.00	2.72	109.8	-0.45	2.14	118.4	-0.92	1.19	
QFZ6AK	207.2	0.39	0.53	126.6	0.19	0.22	95.1	0.73	0.26	134.3	0.70	0.26	132.0	-0.06	0.27	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QHL8TD	216.7	0.73	0.10	133.7	0.47	1.21	82.0	-0.23	0.45	133.3	0.65	1.54	146.7	0.87	0.27
THFEE3	195.8	-0.01	0.92	125.5	0.14	0.32	80.0	-0.38	0.71	114.2	-0.25	0.60	137.3	0.27	0.54
TRLGC8	208.6	0.44	2.80	157.4	1.42	2.71	90.6	0.40	0.64	151.5	1.50	1.92	124.6	-0.53	0.51
UKYQQD	189.6	-0.23	0.37	101.1	-0.84	1.62	75.5	-0.71	0.69	109.0	-0.49	0.42	115.1	-1.14	1.27
VH6JK7	207.5	0.40	2.00	142.3	0.82	2.15	107.4	1.64	0.64	146.7	1.28	0.83	134.2	0.08	1.31
VTM2DD	178.2	-0.63	0.20	99.1	-0.92	0.15	83.6	-0.11	0.41	127.9	0.40	0.10	127.8	-0.32	0.04
WMHKH X	178.5	-0.61	1.48	103.6	-0.74	1.19	74.3	-0.80	1.57	107.5	-0.56	0.90	118.1	-0.94	2.67
WZJH6U	160.4	-1.25	0.37	111.2	-0.43	0.17	85.7	0.04	0.19	116.2	-0.15	0.75	131.4	-0.10	1.69
ZRFFR8	220.3	0.86		137.4	0.62		78.9	-0.45		131.5	0.57		122.0	-0.70	
ZU7E67	187.4	-0.30	0.70	112.8	-0.37	0.49	78.6	-0.48	0.59	108.4	-0.51	0.91	133.9	0.06	1.25
ZULXP4	149.9	-1.62	0.40	78.5	-1.75	0.27	64.9	-1.49	0.27	94.7	-1.16	0.32	108.7	-1.54	0.66

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	196.0			122.0			85.1			119.4			132.9		
Median Abs Dev	14.4			15.4			7.3			10.0			9.3		
Avg Within Lab SD	5.7			5.3			3.9			3.8			4.2		
Labs Included	35			35			35			34			34		
Labs Reporting	37			37			37			37			37		



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2442A9	1.47	-0.32	0.38	0.68	-0.73	0.31	0.75	-0.76	0.41	3.08	-0.04	0.35	1.46	-0.23	0.20	
3ZMTL9	1.48	-0.30	0.00	0.72	-0.50	0.00	0.78	-0.54	0.00	2.85	-0.54	0.00	1.50	-0.08	0.00	
44GAC8	1.59	0.14	0.40	0.89	0.53	0.20	1.01	1.19	0.60	3.13	0.09	1.66	1.47	-0.21	0.78	
74RQNC	1.60	0.17	0.52	0.78	-0.14	1.10	0.86	0.04	0.31	3.23	0.29	0.80	1.51	-0.03	2.66	
77WJFP	1.81	0.97	0.78	0.98	1.05	0.41	0.96	0.84	0.48	3.65	1.21	1.71	1.87	1.41	0.61	
7J3C82	1.55	-0.03	0.34	0.73	-0.42	0.82	0.83	-0.16	0.60	2.89	-0.45	1.20	1.55	0.13	0.49	
7XMU3Q	1.50	-0.22		0.80	-0.02	0.00	0.87	0.12	0.87	3.20	0.23	0.00	1.80	1.14	1.35	
8DDEWJ	1.86	1.16	0.00	0.90	0.59	0.39	0.90	0.37	0.30	3.62	1.15	0.38	1.73	0.87	0.34	
8JZ2QP	1.63	0.30	1.45	0.78	-0.15	0.61	0.76	-0.67	0.39	3.01	-0.18	1.16	1.63	0.46	0.56	
99DM2R	1.86	1.16	0.13	0.95	0.89	0.27	1.02	1.28	0.16	3.87	1.70	0.25	1.95	1.75	0.25	
AFD723	1.35	-0.80	0.07	0.75	-0.33	0.01	0.70	-1.17	0.12	2.73	-0.80	0.42	1.15	-1.49	0.63	
BCAQ6J	1.53	-0.09	0.32	0.72	-0.53	0.26	0.81	-0.28	0.36	2.96	-0.28	0.18	1.52	0.02	0.79	
BLYE38	2.06	1.93	0.34	1.02	1.29	0.11	0.97	0.89	0.45	3.54	0.98	0.11	1.39	-0.52	0.27	
BURRXZ	1.07	-1.87	0.34	0.46	-2.05	0.63	0.45	-3.01X	0.15	2.28	-1.78	0.19	1.11	-1.64	0.43	
BYYKRW	1.56	0.00	0.42	0.88	0.45	1.08	0.81	-0.33	0.44	2.96	-0.29	0.30	1.23	-1.18	0.36	
DVWYFJ	1.41	-0.58	0.52	0.73	-0.44	0.20	0.74	-0.86	0.38	2.62	-1.04	1.10	1.50	-0.09	0.95	
ET234V	2.04	1.86	4.44	0.60	-1.21	3.16	0.85	-0.04	4.76	2.75	-0.76	0.84	0.51	-4.07X	4.35	
FF9VLK	1.84	1.10	1.49	0.99	1.11	2.17	1.04	1.42	0.66	3.92	1.80	2.40	1.84	1.29	0.77	
FWHLNP	1.55	-0.03	0.34							2.87	-0.49	1.07	1.66	0.59	1.03	
G67WCP	1.25	-1.17	0.31	0.61	-1.16	0.41	0.68	-1.32	0.08	2.81	-0.62	1.67	1.34	-0.73	0.81	
JKCZPF	2.18	2.39	0.00	1.13	1.98	0.00	1.01	1.19	0.00	4.18	2.38	1.09	1.61	0.37	0.00	
JXXFTF	1.73	0.65	0.32	0.92	0.72	0.49	0.88	0.19	0.51	3.24	0.32	0.11	1.43	-0.38	1.76	
K2EYDA	1.78	0.84	0.17	0.97	0.99	0.50	0.89	0.32	0.23	3.34	0.55	0.13	1.39	-0.51	0.05	
LJARY8	1.54	-0.06	0.45	0.82	0.12	0.97	0.73	-0.88	0.23	2.98	-0.25	1.04	1.19	-1.32	0.68	
NBFWU	1.96	1.54		0.90	0.61		1.00	1.10		3.77	1.48		1.95	1.75		
PFJPGC	1.54	-0.08	0.33	0.79	-0.10	0.35	0.78	-0.54	0.40	2.99	-0.22	1.92	1.35	-0.69	2.20	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QFZ6AK	1.58	0.09	0.36	0.74	-0.40	0.39	0.80	-0.36	0.06	3.31	0.47	0.03	1.36	-0.64	0.22
QHL8TD	1.63	0.29	0.75	0.70	-0.62	0.00	0.73	-0.88	0.87	3.33	0.53	0.63	1.70	0.74	0.00
THFEE3	1.44	-0.44	0.67	0.81	0.02	0.53	0.83	-0.19	0.35	2.95	-0.31	0.53	1.53	0.06	0.34
TRLGC8	1.77	0.82	1.30	0.86	0.34	0.47	0.78	-0.53	0.52	3.12	0.06	0.68	1.21	-1.26	0.37
UKYQQD	1.60	0.18	0.20	1.04	1.41	0.11	0.66	-1.46	0.53	2.60	-1.07	1.06	1.85	1.33	1.43
VH6JK7	0.62	-3.59X	1.53							2.70	-0.87	0.66	0.42	-4.46X	1.41
VTM2DD	1.48	-0.29	0.13	0.89	0.51	1.83	0.89	0.29	1.05	3.14	0.10	1.18	1.55	0.12	0.28
WMHKH X	1.52	-0.15	1.43	0.78	-0.12	1.59	0.89	0.27	1.65	2.95	-0.31	0.66	1.51	-0.02	1.33
WZJH6U	1.30	-0.98	1.30	0.83	0.18	2.27	1.00	1.12		3.00	-0.20	1.88	1.47	-0.21	2.06
ZRFFR8	1.90	1.31		1.16	2.16		1.08	1.72		3.77	1.48		1.62	0.41	
ZU7E67	1.49	-0.26	0.48	0.80	-0.05	0.37	0.89	0.28	0.34	3.11	0.04	0.31	1.58	0.27	0.56
ZULXP4	1.45	-0.40	0.65	0.74	-0.39	1.14	0.85	0.00	0.25	3.20	0.23	0.73	1.60	0.35	1.28
Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	1.56			0.80			0.85			3.09			1.52		
Median Abs Dev	0.10			0.09			0.07			0.22			0.13		
Avg Within Lab SD	0.08			0.05			0.07			0.09			0.07		
Labs Included	37			36			35			38			36		
Labs Reporting	38			36			36			38			38		



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2442A9	0.70	-0.05	0.62	0.24	-0.57	0.49	0.17	-0.87	0.33	0.56	-0.31	0.29	0.63	0.01	0.44
3ZMTL9	0.73	0.12	0.00	0.35	0.28	0.00	0.27	0.28	0.00	0.63	0.12	0.00	0.69	0.30	0.00
44GAC8	0.65	-0.33	0.38	0.30	-0.07	0.14	0.26	0.16	0.25	0.57	-0.21	0.31	0.62	-0.04	0.27
74RQNC	0.71	0.00	1.42	0.31	0.00	1.39	0.24	-0.03	0.77	0.62	0.03	1.97	0.66	0.19	2.42
7J3C82	0.53	-1.05	0.18	0.20	-0.87	0.78	0.17	-0.87	0.45	0.48	-0.74	0.21	0.53	-0.44	0.10
7XMU3Q	1.07	2.09	1.05	0.67	2.65	1.39	0.60	4.12X	2.15	1.03	2.37	1.16	1.20	2.76	0.00
8DDEWJ	0.66	-0.27	0.44	0.24	-0.58	0.60	0.17	-0.79	0.30	0.61	0.00	0.52	0.63	0.05	0.17
8JZ2QP	0.84	0.76	1.50	0.38	0.50	0.37	0.29	0.59	0.45	0.66	0.27	0.88	0.69	0.31	1.06
99DM2R	0.31	-2.32	0.66	0.05	-1.95	0.51	0.07	-2.01	0.24	0.43	-1.02	0.32	0.62	-0.01	0.79
BCAQ6J	0.66	-0.31	0.37	0.33	0.13	1.17	0.29	0.60	0.27	0.64	0.17	0.59	0.75	0.60	2.10
BLYE38	2.93	13.00X	0.82	1.85	11.51X	1.11	1.60	15.69X	1.06	2.42	10.12X	1.86	1.99	6.56X	1.58
BURRXZ	0.59	-0.70	0.18	0.28	-0.25	0.24	0.21	-0.41	0.33	0.51	-0.55	0.31	0.54	-0.39	0.27
BYYKRW	0.53	-1.07	0.31	0.27	-0.30	0.78	0.24	0.00	0.24	0.47	-0.79	0.24	0.42	-1.00	0.74
DVWYFJ	1.04	1.96	0.46	0.58	2.02	1.00	0.60	4.16X	1.10	1.08	2.63	2.00	1.19	2.70	1.57
ET234V	1.03	1.90	1.98	0.32	0.05	2.48	0.28	0.41	4.16	0.09	-2.92	0.50	0.26	-1.74	2.18
FF9VLK	0.50	-1.23	0.55	0.14	-1.27	0.61	0.08	-1.83	0.33	0.48	-0.73	0.20	0.48	-0.69	0.00
G67WCP	0.63	-0.47	0.55	0.29	-0.20	0.25	0.26	0.24	0.16	0.62	0.06	0.15	0.65	0.12	0.90
JXXFTF	0.71	0.00	0.13	0.30	-0.09	0.17	0.21	-0.37	0.06	0.58	-0.17	0.42	0.53	-0.46	0.69
LJARY8	0.73	0.14	1.00	0.41	0.70	1.78	0.31	0.82	1.51	0.63	0.11	1.04	0.48	-0.68	0.37
PFJPGC	0.76	0.27	0.84	0.34	0.18	0.74	0.27	0.37	1.10	0.66	0.25	1.57	0.65	0.12	0.29
QFZ6AK	0.79	0.49	0.08	0.47	1.15	0.01	0.39	1.69	0.06	0.66	0.26	0.02	0.65	0.12	0.22
QHL8TD	0.93	1.31	1.05	0.60	2.15	0.00	0.40	1.82	0.00	0.83	1.25	1.16	1.10	2.28	0.00
THFEE3	0.64	-0.41	0.33	0.27	-0.31	0.10	0.18	-0.70	0.37	0.61	-0.02	0.32	0.62	0.00	0.29
TRLGC8	0.72	0.05	3.47	0.31	0.01	2.88	0.17	-0.83	1.68	0.48	-0.74	3.29	0.40	-1.08	2.35
UKYQQD	0.75	0.26	0.28	0.29	-0.15	0.14	0.23	-0.14	0.37	0.56	-0.29	0.53	0.51	-0.55	0.18
VTM2DD	0.73	0.12	0.36	0.38	0.52	0.14	0.28	0.40	0.25	0.63	0.13	0.31	0.66	0.16	0.10



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WZJH6U	0.16	-3.22X	0.36	0.12	-1.42	0.50	0.16	-0.99	0.45	0.14	-2.66	0.12	0.13	-2.36	0.37	
ZRFFR8	0.74	0.18		0.39	0.57		0.27	0.32		0.65	0.22		0.59	-0.16		
ZU7E67	0.59	-0.71	0.19	0.24	-0.51	0.03	0.20	-0.54	0.14	0.52	-0.52	0.22	0.61	-0.06	0.36	
ZULXP4	0.65	-0.33	0.48	0.32	0.07	0.74	0.25	0.13	0.30	0.62	0.03	0.41	0.67	0.20	0.57	
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	0.71			0.31			0.24			0.61			0.62			
Median Abs Dev	0.06			0.07			0.05			0.05			0.06			
Avg Within Lab SD	0.05			0.04			0.05			0.05			0.06			
Labs Included	28			29			27			29			29			
Labs Reporting	30			30			30			30			30			



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	1.61	-0.51	0.95	0.32	-0.29	0.80	0.60	0.09	1.11	1.02	-0.34	1.10	2.37	0.58	0.96	
2ATECV	2.90	3.21X	0.15	0.57	1.65	1.54	0.66	0.64	2.61	1.57	1.58	0.92	2.63	1.04	0.51	
2MJBB9	1.95	0.47	0.14	0.31	-0.40	0.25	0.53	-0.69	0.10	1.03	-0.33	0.34	1.90	-0.25	0.45	
2P9CJH	1.93	0.40	0.00	0.41	0.43	0.00	0.63	0.37	0.00	1.19	0.25	0.00	1.77	-0.48	0.00	
3A8ZLX	1.95	0.47	0.14	0.33	-0.26	0.29	0.52	-0.76	0.00	1.06	-0.21	0.00	1.84	-0.36	0.34	
3QWB9Z	1.70	-0.26	1.18	0.45	0.71	1.26	0.55	-0.46	0.90	1.25	0.46	1.12	2.35	0.55	0.50	
3TN8WU	1.53	-0.74	0.68	0.27	-0.74	1.46	0.40	-1.97	0.00	0.87	-0.89	1.29	1.73	-0.55	1.52	
3VUPVP	3.10	3.78X		0.70	2.70X		1.00	4.07X		1.80	2.39		3.40	2.42		
42AU62	1.45	-0.97	0.92	0.35	-0.08	0.44	0.57	-0.22	0.55	1.55	1.51	0.39	2.95	1.62	0.63	
74RQNC	1.66	-0.37	1.20	0.50	1.11	2.32	0.67	0.71	0.28	1.70	2.05	2.91	3.37	2.36	1.15	
7KHVRY	0.51	-3.70X	0.14	0.16	-1.62	0.41	0.43	-1.63	0.21	1.00	-0.42	0.41	2.27	0.41	1.15	
8JZ2QP	1.76	-0.08	0.32	0.33	-0.22	0.32	0.60	0.09	1.68	1.09	-0.12	0.60	2.34	0.53	0.46	
8VVFNZ	1.76	-0.09	0.31	0.34	-0.19	0.53	0.60	0.08	0.45	1.14	0.08	0.72	2.32	0.49	0.21	
AFD723	1.83	0.13	0.16	0.35	-0.07	0.60	0.65	0.59	0.18	1.26	0.49	0.83	2.87	1.47	0.18	
BCAQ6J	1.75	-0.12	0.14	0.29	-0.53	0.50	0.60	0.05	0.32	0.99	-0.46	0.08	2.28	0.43	0.81	
BLYE38	2.01	0.64	0.25	0.41	0.42	0.29	0.36	-2.37	0.18	1.30	0.63	0.22	2.17	0.23	0.53	
CMMA3L	1.98	0.54	0.92	0.21	-1.19	0.51	0.40	-1.97	0.36	0.95	-0.61	1.36	1.67	-0.66	0.11	
EG8LEU	1.45	-0.97	0.46	0.45	0.73	0.16	0.62	0.26	0.56	1.48	1.26	0.53	2.36	0.57	0.19	
ET234V	1.82	0.08	0.05	0.33	-0.22	0.32	0.51	-0.82	0.27	1.03	-0.32	0.22	1.90	-0.25	0.38	
EZMVFU	1.07	-2.08	0.68	0.27	-0.74	1.46	0.47	-1.30	1.04	0.90	-0.77	0.00	1.87	-0.31	0.57	
FBHKCL	1.33	-1.33	0.00	0.24	-0.98	0.15	0.53	-0.69	0.38	0.82	-1.06	0.13	1.52	-0.92	0.06	
FF9VLK	1.98	0.54	1.66	0.36	0.00	1.16	0.60	0.04	0.62	1.28	0.57	0.90	2.80	1.36	2.13	
FTHDKE	1.79	0.00	0.71	0.36	0.00	0.00	0.57	-0.26	0.48	1.06	-0.22	0.26	1.92	-0.21	0.41	
G67WCP	2.17	1.09	1.37	0.49	1.03	0.44	0.74	1.45	0.54	1.33	0.74	0.81	2.27	0.40	0.73	
G8YTZJ	1.76	-0.08	0.07	0.40	0.29	0.53	0.66	0.61	1.93	1.13	0.05	0.26	1.84	-0.36	0.20	
GWFC9D	1.52	-0.76	0.03	0.21	-1.23	0.05	0.21	-3.85X	0.00	0.75	-1.28	0.52	1.28	-1.36	0.13	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
J9JG9P	1.98	0.56	0.60	0.50	1.11	0.51	0.61	0.14	0.36	1.14	0.07	0.81	1.89	-0.26	0.15	
JKCZPF	2.50	2.06	0.25	0.50	1.11	0.41	0.73	1.35	0.70	1.39	0.94	0.68	2.08	0.07	0.36	
JVUGHM	1.58	-0.60	0.36	0.49	1.03	0.38	0.47	-1.22	0.17	1.55	1.50	0.70	2.53	0.87	0.16	
K782FN	1.80	0.03	0.71	0.33	-0.27	0.78	0.64	0.41	3.81	1.17	0.16	2.00	2.40	0.65	0.77	
KNPZM8	1.83	0.12	2.74	0.57	1.63	2.35	0.53	-0.65	1.04	0.98	-0.50	0.76	2.07	0.05	0.96	
L8H7TC	1.31	-1.37	0.53	0.28	-0.66	0.39	0.50	-0.93	0.81	0.89	-0.81	1.24	2.05	0.01	1.54	
M3K2CD	2.14	1.00	1.27	0.38	0.13	0.29	0.62	0.24	0.31	1.11	-0.05	0.68	1.87	-0.30	0.53	
MDJ2PH	1.50	-0.84	1.18	0.38	0.16	0.76	0.56	-0.39	0.38	1.93	2.85X	3.41	1.50	-0.96	0.99	
MGHDKH	1.30	-1.42	0.27	0.67	2.43	0.29	0.57	-0.22	0.10	2.09	3.39X	0.34	3.44	2.50	0.15	
NC36WH	2.02	0.65	3.09	0.34	-0.19	1.25	0.67	0.75	0.65	1.10	-0.08	1.80	2.02	-0.03	1.96	
NUMVW G	1.93	0.41	2.74	0.30	-0.48	0.00	0.60	0.04	1.80	0.93	-0.66	1.29	1.83	-0.37	0.57	
PHP8HT	2.32	1.52	0.90	0.43	0.52	0.09	0.66	0.67	0.56	1.23	0.38	0.27	2.11	0.12	0.46	
QFZ6AK	1.50	-0.84		0.37	0.05	1.46	0.57	-0.29	1.04	1.00	-0.42		2.03	-0.01	0.57	
RRLWCZ	1.27	-1.51	0.68	0.20	-1.27	0.00	0.47	-1.30	1.04	0.80	-1.12	0.00	1.70	-0.60	0.99	
TRLGC8	1.91	0.34	0.71	0.34	-0.13	0.92	0.60	0.00	1.03	0.90	-0.78	0.63	1.52	-0.93	1.38	
TXURR9	1.60	-0.55	0.12	0.45	0.71	0.76	0.65	0.58	0.45	1.04	-0.28	0.00	1.77	-0.47	0.45	
UPUKNE	1.51	-0.81	0.54	0.54	1.40	1.27	0.62	0.28	0.63	1.93	2.83	1.36	3.53	2.65	1.74	
UYYPDA	1.86	0.20	0.89	0.46	0.82	3.30	0.51	-0.83	0.75	0.96	-0.55	1.80	1.86	-0.31	1.24	
VKWEAZ	2.08	0.83	0.60	0.47	0.87	0.88	0.67	0.78	1.04	1.23	0.37	1.45	1.96	-0.15	0.90	
VTM2DD	1.42	-1.08	0.18	0.25	-0.85	0.35	0.41	-1.91	0.17	0.89	-0.81	1.13	1.39	-1.16	0.99	
WD9E68	2.10	0.89	0.28							1.18	0.19	0.54	2.19	0.27	2.58	
Y4V33U	1.53	-0.76	0.28	0.47	0.83	1.32	0.58	-0.17	0.27	1.16	0.13	1.19	2.33	0.52	2.71	
ZM2WAQ	1.87	0.22	0.68	0.43	0.58	1.05	0.60	0.04	0.65	1.17	0.16	1.29	1.97	-0.13	0.57	
ZRFFR8	1.93	0.40		0.36	0.00		0.56	-0.36		1.26	0.49		1.94	-0.18		



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	1.79	0.36	0.60	1.12	2.04	
Median Abs Dev	0.19	0.08	0.06	0.14	0.27	
Avg Within Lab SD	0.08	0.04	0.06	0.04	0.10	
Labs Included	47	48	47	48	50	
Labs Reporting	50	49	49	50	50	



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	49.90	-0.33	1.42	6.07	-0.43	0.11	25.49	0.39	0.55	2.19	-0.88	0.42	4.22	-0.10	1.16
2ATECV	121.78	3.04X	0.95	40.94	4.25X	1.10	53.28	6.83X	8.14	11.77	4.86X	6.24	9.25	4.13X	3.25
2MJBB9	64.90	0.37	0.29	12.73	0.46	0.19	21.57	-0.52	0.08	4.03	0.22	0.28	3.92	-0.34	0.15
2P9CJH	65.54	0.40	0.00	14.98	0.77	0.00	25.43	0.37	0.00	5.18	0.91	0.00	4.35	0.01	0.00
3A8ZLX	97.82	1.91	0.11	25.26	2.14	0.65	33.08	2.15	0.53	6.82	1.89	1.13	5.90	1.32	0.69
3TN8WU	34.13	-1.07	0.39	3.67	-0.75	2.00	20.77	-0.71	3.61	1.67	-1.20	0.28	3.07	-1.07	1.39
42AU62	41.10	-0.75	2.05	3.73	-0.74	0.74	22.33	-0.35	0.47	4.90	0.74	2.54	5.63	1.09	0.52
74RQNC	34.00	-1.08	1.11	4.57	-0.63	1.62	22.90	-0.21	0.59	4.47	0.48	2.42	6.37	1.71	1.14
7KHVRY	20.29	-1.72	0.10	5.35	-0.53	0.05	20.61	-0.75	0.15	4.17	0.30	0.80	6.20	1.57	2.93
8JZ2QP	48.48	-0.40	0.51	6.43	-0.38	0.30	23.83	0.00	0.63	2.78	-0.53	0.62	4.24	-0.08	0.16
8VVFNZ	42.33	-0.69	0.85	9.67	0.05	0.57	21.70	-0.49	0.59	3.67	0.00	1.11	4.80	0.39	0.45
AFD723	64.06	0.33	0.40	14.61	0.72	0.51	26.50	0.62	0.10	5.07	0.84	0.31	6.66	1.96	0.52
BCAQ6J	54.55	-0.12	0.09	4.95	-0.58	0.28	23.55	-0.06	0.62	3.59	-0.05	0.34	4.94	0.51	0.30
BLYE38	107.15	2.35	0.41	20.97	1.57	0.20	27.83	0.93	0.12	7.06	2.03	0.26	5.67	1.12	0.25
CMMA3L	85.25	1.32	1.59	19.86	1.42	0.45	28.33	1.04	0.16	5.86	1.32	1.78	4.37	0.03	0.21
EG8LEU	60.37	0.16	1.73	24.24	2.01	0.13	25.81	0.46	0.16	6.98	1.99	0.57	6.61	1.91	0.14
ET234V	67.05	0.47	0.69	17.12	1.05	0.83	24.67	0.20	0.06	4.56	0.54	0.42	4.62	0.24	0.32
EZMVFU	33.07	-1.12	0.21	3.50	-0.77	0.16	19.30	-1.05	0.25	1.63	-1.22	0.28	3.37	-0.81	0.26
FBHKCL	40.17	-0.79	0.08	3.43	-0.78	0.19	18.43	-1.25	0.17	2.07	-0.96	0.28	2.80	-1.29	0.00
FF9VLK	57.73	0.03	2.72	6.97	-0.31	2.07	24.80	0.23	0.96	2.87	-0.48	1.00	4.97	0.53	1.72
FTHDKE	42.38	-0.69	0.57	5.55	-0.50	0.38	22.37	-0.34	0.69	2.13	-0.92	0.49	3.37	-0.81	0.11
G67WCP	78.76	1.02	0.61	18.41	1.22	1.55	26.75	0.68	0.50	5.45	1.07	0.27	5.07	0.62	0.93
G8YTZJ	62.97	0.28	0.10	13.70	0.59	1.23	26.22	0.56	0.36	3.78	0.07	0.31	4.20	-0.11	0.05
GWFC9D	46.93	-0.47	0.01	12.16	0.39	0.10	14.44	-2.18	0.06	3.47	-0.12	0.48	2.94	-1.17	0.48
J9JG9P	65.83	0.41	0.12	13.73	0.60	0.61	25.13	0.30	1.12	4.63	0.58	2.00	4.33	0.00	0.95
JKCZPF	116.40	2.79X	1.70	35.85	3.56X	2.93	33.81	2.31	1.00	6.60	1.76	0.56	6.61	1.92	0.26



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JVUGHM	40.84	-0.76	0.80	5.75	-0.47	0.25	21.91	-0.45	0.53	4.46	0.47	0.21	3.94	-0.33	0.26	
K782FN	57.43	0.02	1.27	8.83	-0.06	0.72	26.03	0.51	0.45	3.60	-0.04	1.17	4.91	0.48	1.22	
KNPZM8	94.59	1.76	0.32	21.41	1.63	1.94	32.58	2.03	1.02	5.05	0.83	1.61	5.05	0.61	1.29	
L8H7TC	57.80	0.04	0.91	8.88	-0.05	1.17	21.63	-0.51	2.21	3.21	-0.27	0.65	4.50	0.14	1.30	
M3K2CD	70.73	0.64	1.66	13.00	0.50	1.13	26.77	0.68	1.20	3.48	-0.11	0.41	4.13	-0.17	0.41	
MDJ2PH	47.33	-0.45	0.08	4.72	-0.61	0.30	22.47	-0.32	0.69	2.07	-0.96	0.73	2.90	-1.21	0.21	
MGHDKH	41.03	-0.75	0.38	3.91	-0.72	0.31	19.27	-1.06	0.61	4.72	0.63	0.37	4.87	0.45	1.17	
NC36WH	50.91	-0.29	0.92	6.14	-0.42	1.02	23.80	-0.01	0.92	3.28	-0.23	0.70	4.26	-0.06	0.64	
NUMVW G	56.60	-0.02	1.38	4.93	-0.58	0.37	23.53	-0.07	0.96	2.53	-0.68	1.00	3.50	-0.70	1.20	
PHP8HT	86.02	1.36	1.93	20.46	1.50	0.47	28.96	1.19	1.45	6.96	1.98	1.00	5.67	1.12	0.68	
QFZ6AK	38.80	-0.85	1.18	5.87	-0.46	0.25	20.60	-0.75	0.73	2.67	-0.60	0.55	3.70	-0.53	0.45	
RRLWCZ	46.00	-0.52	0.55	8.67	-0.08	0.93	20.67	-0.73	0.85	3.00	-0.40		4.67	0.28	2.62	
TRLGC8	60.29	0.15	0.63	7.63	-0.22	1.26	22.54	-0.30	1.43	3.49	-0.11	0.66	3.51	-0.69	1.97	
TXURR9	56.44	-0.03	0.57	11.26	0.27	0.28	25.79	0.46	0.21	3.02	-0.39	0.05	3.41	-0.78	0.20	
UPUKNE	33.17	-1.12	0.91	3.48	-0.78	0.18	20.60	-0.75	0.21	5.01	0.80	0.35	5.79	1.22	0.64	
UYYPDA	58.19	0.05	1.92	10.96	0.23	0.57	20.91	-0.68	1.43	3.28	-0.23	0.40	3.52	-0.69	1.69	
VKWEAZ	74.93	0.84	0.36	17.97	1.17	1.92	26.67	0.66	1.11	4.38	0.43	1.39	4.18	-0.13	0.80	
VTM2DD	58.46	0.07	0.08	13.60	0.58	0.52	25.54	0.40	2.04	3.45	-0.13	0.94	3.39	-0.80	0.89	
WD9E68	79.91	1.07	0.73	13.45	0.56	1.99	26.97	0.73	0.16	4.49	0.49	1.00	4.48	0.12	0.50	
Y4V33U	39.55	-0.82	0.12	7.95	-0.18	2.55	20.52	-0.77	0.91	3.16	-0.30	2.15	4.22	-0.10	1.10	
ZM2WAQ	49.33	-0.36	1.28	11.67	0.32	0.93	24.00	0.04	1.47	3.20	-0.28	1.27	3.90	-0.36	0.45	
ZRFFR8	72.92	0.75		11.15	0.25		25.96	0.49		4.11	0.27		4.33	0.00		



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	57.0	9.27	23.8	3.67	4.33	
Median Abs Dev	12.4	4.32	2.3	0.89	0.63	
Avg Within Lab SD	1.8	0.62	0.7	0.21	0.22	
Labs Included	46	46	47	47	47	
Labs Reporting	48	48	48	48	48	



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	94.5	-0.35	0.18	10.3	-0.75	0.83	17.9	-0.18	0.37	9.9	-0.16	0.59	11.4	0.55	0.46
2ATECV	237.0	5.74X	0.94	30.4	4.36X	3.02	49.7	5.35X	0.26	21.0	3.03X	0.60	20.0	3.03X	1.25
2MJBB9	102.8	0.00	0.13	11.3	-0.50	0.13	16.3	-0.46	0.04	8.6	-0.55	0.09	8.1	-0.39	0.14
2P9CJH	124.1	0.91	0.00	15.1	0.48	0.00	2.3	-2.90	0.00	12.0	0.44	0.00	10.6	0.33	0.00
3A8ZLX	111.9	0.39	0.07	14.6	0.36	0.08	20.8	0.33	0.09	9.8	-0.19	0.19	7.6	-0.52	0.17
3QWB9Z	86.9	-0.68	0.09	13.9	0.17	0.11	16.3	-0.47	0.47	10.5	0.00	0.21	7.2	-0.66	0.90
3TN8WU	106.7	0.17	2.52	11.0	-0.56	2.80	12.3	-1.15	0.85	8.7	-0.53	0.62	7.3	-0.61	2.12
42AU62	108.3	0.24	2.56	10.3	-0.74	0.56	20.6	0.28	0.32	14.2	1.07	1.14	15.0	1.61	1.94
74RQNC	105.0	0.10	0.98	21.1	2.01	2.18	29.4	1.81	0.71	23.7	3.78X	2.56	26.2	4.81X	0.35
7KHVRY	35.7	-2.87X	0.06	6.5	-1.70	0.01	16.6	-0.40	0.00	30.8	5.82X	0.52	40.1	8.82X	0.63
8JZ2QP	97.0	-0.25	0.39	11.6	-0.41	0.38	17.8	-0.20	0.14	10.2	-0.09	0.59	8.7	-0.22	0.49
8VVENZ	105.5	0.12	0.94	16.8	0.90	1.11	18.5	-0.08	0.11	14.6	1.18	1.28	14.0	1.30	1.79
AFD723	110.5	0.33	0.46	13.2	0.00	0.28	21.5	0.44	0.04	13.2	0.78	0.66	14.9	1.58	0.43
BCAQ6J	81.7	-0.90	0.12	8.1	-1.30	0.07	16.6	-0.41	0.81	7.8	-0.78	0.14	9.1	-0.09	0.12
BLYE38	120.7	0.77	0.07	14.6	0.36	0.43	25.4	1.12	0.51	10.5	0.00	0.27	8.9	-0.14	0.06
CMMA3L	126.4	1.01	2.08	12.7	-0.12	0.37	24.3	0.93	0.62	6.8	-1.06	0.27	5.5	-1.13	0.34
EG8LEU	126.9	1.03	1.19	24.0	2.74X	0.48	21.1	0.38	0.11	20.0	2.71	0.43	15.1	1.61	0.09
ET234V	115.3	0.53	0.39	15.6	0.61	2.03	23.6	0.82	3.42	10.9	0.11	0.10	9.4	-0.01	0.15
EZMVFU	65.8	-1.58	0.19	10.0	-0.82	0.87	20.8	0.32	0.58	9.3	-0.34	0.99	8.8	-0.18	0.42
FBHKCL	74.0	-1.23		8.0	-1.32		41.3	3.89X	0.63	6.7	-1.10	0.62	7.0	-0.70	
FF9VLK	107.3	0.20	1.08	15.9	0.69	2.98	24.6	0.98	4.46	14.0	1.00	1.49	13.3	1.11	2.45
FTHDKE	93.9	-0.38	0.39	12.8	-0.12	0.41	16.8	-0.37	0.04	10.4	-0.03	0.35	12.2	0.80	2.66
G67WCP	98.0	-0.21	0.53	15.7	0.62	0.52	44.0	4.35X	0.71	18.2	2.20	0.64	11.5	0.60	0.25
G8YTZJ	97.6	-0.22	0.06	13.8	0.16	0.14	19.8	0.15	0.12	11.3	0.22	0.13	10.6	0.34	0.22
GWFC9D	86.7	-0.69	0.04	9.3	-0.99	0.04	10.1	-1.53	0.04	6.5	-1.14	0.05	4.3	-1.49	0.10
J9JG9P	137.8	1.50	0.65	15.6	0.61	0.16	18.9	0.00	0.19	12.0	0.44	0.34	10.6	0.34	1.04



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JKCZPF	132.6	1.28	0.47	16.4	0.82	0.55	25.2	1.08	0.32	7.7	-0.80	0.05	7.7	-0.49	0.11	
JVUGHM	104.4	0.07	0.43	14.3	0.27	0.05	16.9	-0.35	0.10	13.3	0.79	0.12	9.8	0.11	0.12	
K782FN	92.5	-0.44	0.45	10.7	-0.65	0.50	17.2	-0.31	0.17	9.5	-0.30	0.32	9.9	0.13	0.60	
KNPZM8	137.7	1.49	1.66	16.6	0.85	1.96	23.3	0.76	1.20	11.2	0.20	1.67	15.1	1.63	1.61	
L8H7TC	99.8	-0.13	0.67	12.3	-0.24	0.75	20.9	0.34	0.35	10.1	-0.13	0.65	12.2	0.79	0.69	
M3K2CD	130.7	1.19	2.54	14.4	0.29	0.22	20.4	0.25	0.49	10.3	-0.05	0.60	9.2	-0.08	0.60	
MDJ2PH	73.2	-1.26	0.20	9.1	-1.03	0.05	14.7	-0.73	0.13	7.8	-0.79	0.09	8.2	-0.36	0.32	
MGHDKH	94.7	-0.35	0.48	11.7	-0.38	0.22	18.2	-0.12	0.02	15.8	1.51	0.43	15.2	1.65	0.42	
NC36WH	132.0	1.25	0.95	15.5	0.57	1.70	24.0	0.87	0.86	13.4	0.84	1.52	14.2	1.35	1.50	
NUMVW G	89.0	-0.59	0.23	9.3	-0.98	0.61	15.7	-0.57	0.63	8.0	-0.72		7.7	-0.51	0.80	
PHP8HT	149.3	1.99	1.40	15.0	0.46	0.45	24.0	0.89	0.58	10.5	-0.02	0.50	9.5	0.01	0.51	
QFZ6AK	82.7	-0.86	0.71	11.6	-0.41	0.63	16.6	-0.40	0.29	10.2	-0.10	0.55	11.0	0.46	0.35	
RRLWCZ	101.3	-0.06	0.35	10.3	-0.73	0.61	18.0	-0.16		10.3	-0.05	0.62	12.0	0.73	1.39	
TRLGC8	80.4	-0.96	1.00	11.1	-0.55	0.60	26.5	1.32	1.92	7.5	-0.86	0.80	7.4	-0.59	1.49	
TXURR9	114.2	0.49	0.31	17.7	1.14	0.33	23.1	0.73	0.11	10.6	0.02	0.17	7.5	-0.55	0.10	
UPUKNE	110.5	0.33	0.80	12.9	-0.09	0.73	19.3	0.07	0.07	16.4	1.68	0.31	16.5	2.04	0.34	
UYYPDA	95.3	-0.32	1.72	10.5	-0.69	0.85	12.9	-1.05	0.13	6.3	-1.19	0.06	5.3	-1.20	0.53	
VKWFAZ	144.7	1.79	0.35	19.9	1.70	1.06	23.3	0.76	0.37	14.8	1.23	0.46	8.9	-0.17	0.79	
VTM2DD	98.6	-0.18	0.26	22.1	2.26	0.06	32.6	2.37	0.49	18.1	2.17	0.07	8.6	-0.23	0.14	
WD9E68	124.0	0.91	1.37	15.8	0.65	0.85	57.1	6.63X	0.76	11.2	0.19	0.38	11.2	0.52	0.65	
Y4V33U	80.4	-0.96	0.63	14.5	0.31	1.44	14.5	-0.77	0.50	11.4	0.26	1.52	11.0	0.46	1.39	
ZM2WAQ	96.0	-0.29	0.82	13.7	0.11	0.61	16.3	-0.45	0.24	13.7	0.91	4.93	9.4	-0.01	1.21	
ZRFFR8	85.4	-0.74		12.4	-0.21		17.2	-0.30		10.8	0.09		7.2	-0.65		



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	102.8	13.2	18.9	10.5	9.45	
Median Abs Dev	12.5	2.4	2.6	1.9	1.87	
Avg Within Lab SD	4.4	0.9	2.4	0.9	0.72	
Labs Included	47	47	45	46	46	
Labs Reporting	49	49	49	49	49	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.98	-0.53	1.53	0.21	-0.87	2.13	0.40	-0.70	1.64	1.33	-0.58	0.90	0.45	-0.09	0.68	
2ATECV	2.09	4.39X	0.56	0.31	0.30	2.27	0.58	1.25	0.37	2.45	3.16X	0.66	0.50	0.26	1.39	
2MJBB9	1.18	0.37	0.06	0.27	-0.14	0.20	0.42	-0.56	0.17	1.43	-0.25	0.24	0.42	-0.28	0.00	
2P9CJH	1.18	0.35	0.00	0.20	-1.04	0.00	0.45	-0.14	0.00	1.59	0.29	0.00	0.32	-0.95	0.00	
3A8ZLX	1.28	0.80	0.00	0.32	0.41	0.00	0.48	0.15	0.00	1.49	-0.04	0.36	0.42	-0.28	0.00	
3QWB9Z	1.15	0.22	0.55	0.40	1.34	0.00	0.57	1.13	1.73	1.77	0.87	0.90	0.63	1.12	1.53	
3TN8WU	0.93	-0.74	0.63	0.20	-0.99	0.00	0.37	-1.13	1.73	1.10	-1.36	0.00	0.33	-0.85	1.53	
42AU62	1.00	-0.44	1.10	0.47	2.12	2.02	0.73	3.00X	3.46	2.03	1.76	2.39	0.97	3.31X	3.07	
74RQNC	1.00	-0.44		0.53	2.90X	2.02	0.70	2.63	0.00	1.67	0.54	1.81	1.07	3.96X	1.53	
7KHVRY	0.37	-3.23X	0.04	0.14	-1.64	0.20	0.38	-0.94	0.05	1.33	-0.58	0.08	0.55	0.59	0.78	
8JZ2QP	1.08	-0.07	0.23	0.26	-0.33	0.20	0.45	-0.19	0.60	1.51	0.02	0.79	0.52	0.37	0.70	
8VVENZ	1.10	-0.01	0.28	0.27	-0.14	0.20	0.48	0.11	0.46	1.66	0.52	0.65	0.58	0.74	0.31	
AFD723	1.17	0.30	0.05	0.26	-0.33	0.21	0.50	0.37	0.27	1.69	0.61	0.48	0.66	1.27	0.87	
BCAQ6J	1.04	-0.26	0.18	0.21	-0.92	0.34	0.45	-0.16	0.44	1.34	-0.54	0.09	0.50	0.21	0.50	
BLYE38	1.38	1.22	0.08	0.32	0.44	0.04	0.48	0.15	0.06	1.65	0.48	0.16	0.46	-0.02	0.27	
BYYKRW	1.01	-0.39	0.23	0.57	3.33X	1.24	0.52	0.65	0.57	1.92	1.39	0.28	0.80	2.19	0.46	
CMMA3L	1.20	0.44	0.50	0.28	-0.10	0.40	0.42	-0.53	0.00	1.41	-0.31	1.66	0.37	-0.59	0.31	
EG8LEU	1.08	-0.10	0.69	0.36	0.84	0.12	0.49	0.28	0.50	1.86	1.18	0.48	0.54	0.51	0.34	
ET234V	1.12	0.10	0.15	0.21	-0.89	0.94	0.39	-0.85	1.42	1.46	-0.15	0.42	0.39	-0.49	0.70	
EZMVFU	0.70	-1.77	0.00	0.30	0.17	0.00	0.47	0.00	1.73	1.33	-0.58	0.90	0.50	0.24		
FBHKCL	0.80	-1.33	0.00	0.19	-1.15	0.20	0.41	-0.68	0.17	1.25	-0.87	0.09	0.36	-0.66	0.15	
FF9VLK	1.18	0.35	1.15	0.29	0.02	1.45	0.48	0.11	0.46	1.84	1.10	0.65	0.66	1.29	1.16	
FTHDKE	1.07	-0.15	0.23	0.27	-0.17	0.00	0.43	-0.41	0.00	1.38	-0.44	0.36	0.40	-0.42	0.53	
G67WCP	1.16	0.25	0.06	0.31	0.29	0.60	0.48	0.15	0.52	1.53	0.08	0.41	0.44	-0.15	0.46	
G8YTZJ	1.16	0.28	0.23	0.34	0.68	0.20	0.53	0.71	0.79	1.59	0.28	0.16	0.44	-0.13	0.15	
GWFC9D	0.84	-1.17	0.02	0.04	-2.90X	0.08	0.10	-4.15X	0.06	0.99	-1.72	0.57	0.10	-2.37	0.30	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
J9JG9P	1.49	1.74	0.17	0.35	0.80	0.20	0.42	-0.49	0.46	1.66	0.51	1.57	0.49	0.20	0.15	
JKCZPF	1.45	1.53	0.17	0.14	-1.71	0.37	0.37	-1.05	0.06	1.85	1.14	0.09	0.28	-1.21	0.13	
JVUGHM	0.86	-1.05	0.17	0.29	0.05	0.32	0.34	-1.46	0.14	1.36	-0.48	0.05	0.53	0.46	0.31	
K782FN	1.18	0.35	1.58	0.25	-0.45	1.92	0.48	0.11	1.95	1.61	0.35	0.78	0.54	0.48	1.56	
KNPZM8	1.73	2.76X	0.25	0.50	2.50	2.82	0.69	2.47	1.22	1.79	0.94	0.46	0.84	2.45	1.06	
L8H7TC	0.84	-1.15	0.44	0.19	-1.11	0.35	0.38	-1.03	0.45	1.14	-1.23	1.18	0.40	-0.39	0.41	
M3K2CD	1.27	0.77	0.06	0.29	0.06	0.70	0.46	-0.04	0.46	1.51	0.00	0.65	0.42	-0.31	1.07	
MDJ2PH	0.86	-1.08	0.49	0.22	-0.76	0.35	0.38	-0.98	0.30	1.20	-1.03	1.57	0.32	-0.94	0.27	
MGHDKH	0.76	-1.52	0.54	0.28	-0.10	0.20	0.47	0.08	0.17	1.55	0.16	1.18	0.78	2.10	0.55	
NC36WH	1.17	0.31	1.62	0.28	-0.02	1.98	0.49	0.26	1.08	1.44	-0.23	1.51	0.53	0.46	3.84	
NUMVW G	1.10	0.00	0.00	0.30	0.17	0.00	0.47	0.00	1.73	1.33	-0.58	0.90	0.43	-0.20	1.53	
PHP8HT	1.39	1.29	0.46	0.30	0.19	0.20	0.51	0.48	0.19	1.72	0.72	0.34	0.49	0.17	0.28	
QFZ6AK	0.80	-1.33	0.00	0.20	-0.99	0.00	0.40	-0.75	0.00	1.40	-0.36	0.00	0.43	-0.20	1.53	
RRLWCZ	0.90	-0.88	0.00	0.20	-0.99	0.00	0.40	-0.75	0.00	1.17	-1.14	0.90	0.47	0.02	1.53	
TRLGC8	1.01	-0.42	0.90	0.21	-0.87	0.43	0.36	-1.23	0.69	1.14	-1.22	1.04	0.30	-1.08	0.34	
TXURR9	0.92	-0.80	0.11	0.33	0.52	0.00	0.52	0.56	0.17	1.52	0.04	0.31	0.41	-0.35	0.00	
UPUKNE	0.90	-0.88	0.22	0.39	1.26	0.88	0.57	1.16	1.67	2.06	1.85	0.27	0.84	2.45	0.67	
UYYPDA	1.36	1.13	5.50	0.30	0.17	2.42	0.44	-0.34	2.44	1.22	-0.97	0.24	0.38	-0.57	1.46	
VKWEAZ	1.43	1.46	0.40	0.42	1.57	1.21	0.64	1.99	3.00	1.87	1.23	1.16	0.54	0.48	1.36	
VTM2DD	1.11	0.03	0.17	0.31	0.25	0.53	0.20	-3.01X	0.24	1.32	-0.61	3.22	1.21	4.88X	0.55	
WD9E68	1.35	1.09	0.68				0.56	1.11	0.69	1.81	1.02	0.80	0.50	0.24	0.70	
Y4V33U	0.97	-0.59	0.22	0.27	-0.22	1.00	0.42	-0.55	0.41	1.48	-0.09	1.27	0.54	0.48	0.36	
ZM2WAQ	1.13	0.15	0.63	0.33	0.52	1.05	0.46	-0.04	0.69	1.50	-0.02	1.57	0.46	0.00	0.55	
ZRFFR8	1.12	0.09		0.32	0.41		0.54	0.83		1.68	0.58		0.41	-0.35		



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	1.10	0.29	0.47	1.51	0.46	
Median Abs Dev	0.10	0.04	0.05	0.17	0.07	
Avg Within Lab SD	0.09	0.03	0.03	0.06	0.04	
Labs Included	47	46	47	49	47	
Labs Reporting	50	49	50	50	50	



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
BYYKRW	2.48		1.04	1.69		1.41	1.19		0.96	3.81		0.48	5.08		0.14	
G67WCP													5.00			
TRLGC8	2.71		0.96	1.28		0.11	0.99		1.04	3.82		1.33	5.94		1.41	
ZRFFR8	2.65			1.14			0.98			4.03			6.49			
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	2.65			1.28			0.99			3.82			5.51			
Median Abs Dev																
Avg Within Lab SD	0.05			0.09			0.09			0.11			0.61			
Labs Included	3			3			3			3			4			
Labs Reporting	3			3			3			3			4			



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Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BYYKRW	76.7		1.00	120.5		1.00	40.7		1.00	51.8		1.00	30.0		1.00

Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups

Data units: mg/kg

	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405
Grand Median	76.7	120.5	40.7	51.8	30.0
Median Abs Dev					
Avg Within Lab SD	2.1	5.4	1.8	0.3	0.9
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	3.67	0.36	1.21	3.11	0.27	0.41	6.74	0.42	1.56	48.94	0.00	1.76	4.56	0.78	1.28	
42AU62	4.17	0.67	0.79	3.13	0.28	0.52	6.03	-0.06	0.53	46.70	-0.23	0.04	5.53	1.24	2.00	
7J3C82	3.40	0.19	0.52	4.07	0.88	1.64	6.37	0.17	0.30	33.65	-1.56	0.55	2.37	-0.26	0.18	
8JZ2QP	0.27	-1.78	0.03	0.19	-1.60	0.08	0.64	-3.67X	0.05	5.71	-4.42X	0.04	0.31	-1.23	0.09	
8VVFNZ	2.33	-0.48	0.56	1.67	-0.66	0.49	4.17	-1.31	0.25	56.00	0.72	1.08	1.83	-0.51	0.34	
BYYKRW	9.83	4.23X	2.34	11.60	5.70X	1.54	17.50	7.63X	0.90	61.20	1.25	2.19	45.03	19.97X	13.04	
EZMVFU	2.80	-0.19	0.52	2.40	-0.19	0.34	5.03	-0.73	0.41	37.17	-1.20	0.10	4.27	0.64	0.73	
FBHKCL	1.50	-1.00	0.34	1.93	-0.49	0.10	4.50	-1.08		55.63	0.68	0.31	1.70	-0.57	0.21	
FF9VLK	4.90	1.13	0.78	5.70	1.92	2.22	8.00	1.26	0.23	52.47	0.36	0.07	5.00	0.99	0.32	
JVUGHM	3.41	0.20	2.52	2.99	0.19	1.03	6.39	0.18	1.06	59.12	1.04	1.22	3.45	0.26	1.67	
VKWFAZ							3.90	-1.49	0.15	45.97	-0.30	0.12				
ZM2WAQ	1.90	-0.75	0.00	2.27	-0.27	0.69	6.20	0.06	2.18	48.33	-0.06	0.14	2.37	-0.26	0.86	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	3.10			2.69			6.12			48.9			2.91			
Median Abs Dev	0.92			0.60			0.85			6.7			1.28			
Avg Within Lab SD	0.51			0.58			1.15			4.0			0.84			
Labs Included	10			10			10			11			10			
Labs Reporting	11			11			12			12			11			



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

Data units: mg/kg

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.68	0.00	1.93	0.15	-0.24	2.11	0.13	-0.42	1.57	0.42	-0.10	1.60	0.41	0.20	0.88
2ATECV	1.30	1.62	0.28	0.48	2.35	0.94	1.39	14.79X	1.29	0.87	2.20	0.99	1.33	6.38X	1.88
74RQNC	0.25	-1.12	0.20	0.10	-0.66	0.77	0.08	-0.99	0.00	0.36	-0.41	1.20	0.34	-0.28	0.83
AFD723	0.95	0.71	0.89	0.23	0.34	0.28	0.20	0.50	0.18	0.49	0.23	0.53	0.49	0.71	0.99
BNZM8H	0.50	-0.47	2.02	0.13	-0.39	2.58	0.17	0.05	2.89	0.23	-1.06	1.99	0.20	-1.23	0.00
BYYKRW	0.35	-0.85	0.23	0.18	0.00	0.97	0.16	0.00	0.38	0.32	-0.64	0.27	0.28	-0.70	1.18
EG8LEU	0.32	-0.93	0.68	0.08	-0.80	1.60	0.07	-1.05	1.66	0.24	-1.01	0.53	0.18	-1.39	1.35
ET234V	0.64	-0.09	0.54	0.10	-0.67	0.41	0.13	-0.37	0.57	0.39	-0.25	0.78	0.35	-0.23	1.13
G8YTZJ	0.75	0.18	0.53	0.21	0.21	0.00	0.17	0.09	0.87	0.44	0.00	0.60	0.35	-0.24	0.24
GWFC9D	0.35	-0.86	0.18	0.09	-0.70	0.07	0.06	-1.29	0.08	0.19	-1.29	0.07	0.15	-1.59	0.08
H6Z38A	0.90	0.57	1.69							0.46	0.12	0.92	0.40	0.09	1.45
JVUGHM	0.52	-0.41	0.21	0.28	0.79	0.17	0.22	0.71	0.52	0.56	0.61	0.23	0.40	0.15	0.88
K2EYDA	0.68	0.00	0.06	0.20	0.10	0.40	0.21	0.55	0.10	0.48	0.20	0.24	0.46	0.50	0.39
L8H7TC	0.76	0.20	0.51	0.22	0.32	0.68	0.22	0.63	1.00	0.47	0.17	1.21	0.44	0.37	0.63
LFEX27	1.16	1.25	0.51	0.33	1.13	0.76	0.30	1.62	0.34	0.70	1.33	0.57	0.53	1.00	0.48
PHP8HT	0.69	0.02	1.35	0.12	-0.47	0.32	0.10	-0.80	0.53	0.27	-0.88	1.50	0.25	-0.86	0.65
RRLWCZ	1.30	1.62	2.02	0.10	-0.66	0.00	0.10	-0.75	0.00	0.60	0.82	0.00	0.53	1.02	2.40
UPUKNE	0.34	-0.89	0.31	0.17	-0.08	0.68	0.15	-0.15	1.00	0.55	0.56	1.04	0.48	0.69	1.46
WD9E68	0.83	0.40	0.72	0.26	0.58	0.97	0.21	0.63	0.65	0.44	0.00	1.70	0.37	-0.09	0.26
XHF78D	2.01	3.47X	0.09	0.45	2.13	0.85	0.68	6.25X	0.79	1.25	4.13X	0.26	1.00	4.20X	0.69
ZRFFR8	0.13	-1.43		0.07	-0.89		0.05	-1.35		0.13	-1.58		0.11	-1.84	
ZXKE3X	0.88	0.53	0.51	0.27	0.66	0.52	0.23	0.85	0.29	0.58	0.72	0.69	0.43	0.33	0.00



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups						Data units: mg/kg
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.68	0.18	0.16	0.44	0.38	
Median Abs Dev	0.22	0.08	0.05	0.12	0.09	
Avg Within Lab SD	0.05	0.02	0.02	0.03	0.02	
Labs Included	21	21	19	21	20	
Labs Reporting	22	21	21	22	22	



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QWB9Z	0.30	0.84	0.00	0.20	2.48	0.00	0.13	1.45	2.53	0.40	2.12	0.00	0.37	1.42	2.59	
3TN8WU	0.15	-0.58	2.64	0.05	-0.90	0.00	0.08	-0.03	1.26	0.25	-0.66	0.43	0.19	-0.97	1.87	
42AU62	0.26	0.43	0.65	0.09	-0.08	0.29	0.10	0.56	0.25	0.35	1.27	0.56	0.33	0.98	0.69	
74RQNC	0.23	0.18	0.42	0.09	0.00	0.51	0.07	-0.43	0.00	0.35	1.27	1.40	0.33	0.98	1.13	
8JZ2QP	0.27	0.52	0.49	0.07	-0.38	0.29	0.06	-0.83	0.25	0.25	-0.54	0.43	0.23	-0.40	0.00	
8VVFNZ	0.16	-0.49	0.42	0.08	-0.15	0.78	0.12	1.06	0.88	0.31	0.43	0.77	0.32	0.84	1.13	
BCAQ6J	0.15	-0.59	0.96	0.14	1.15	3.11	0.12	0.96	2.41	0.27	-0.18	0.35	0.31	0.61	0.81	
EZMVFU	0.16	-0.48	0.56	0.06	-0.77	0.41	0.08	-0.13	0.78	0.25	-0.52	0.47	0.25	-0.18	0.41	
FBHKCL	0.15	-0.62	0.24	0.06	-0.75	0.29	0.06	-0.73	0.00	0.24	-0.78	0.00	0.20	-0.79	0.00	
FF9VLK	0.26	0.43	1.15	0.09	-0.02	1.75	0.06	-0.67	0.32	0.32	0.67	1.00	0.31	0.65	0.99	
FTHDKE	0.11	-0.99	0.88							0.26	-0.48	1.13	0.21	-0.71	0.52	
MDJ2PH	0.13	-0.74	0.65	0.10	0.23	0.51	0.11	0.66	0.67	0.24	-0.78	0.74	0.16	-1.32	0.90	
MGHDKH	0.12	-0.90	0.65	0.07	-0.45	0.88	0.03	-1.72	0.25	0.35	1.21	0.37	0.32	0.75	0.26	
NC36WH	0.35	1.31	2.24	0.11	0.45	1.34	0.12	1.06	0.00	0.27	-0.24	3.32	0.26	-0.04	0.69	
NUMVW G	0.34	1.22	0.42	0.10	0.23	0.00	0.10	0.46	0.00	0.27	-0.24	0.37	0.22	-0.48	1.13	
QFZ6AK	0.20	-0.11	0.00	0.20	2.48	0.00	0.20	3.43X	0.00	0.30	0.30	0.00	0.30	0.53	0.00	
Y4V33U	0.22	0.11	0.65	0.10	0.14	0.18	0.09	0.02	0.32	0.29	0.18	0.54	0.26	0.04	0.12	
ZM2WAQ	0.38	1.60	0.42	0.13	0.83	0.29	0.08	-0.02	0.05	0.30	0.24	0.21	0.23	-0.44	0.26	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	0.21	0.09	0.085	0.28	0.26	
Median Abs Dev	0.06	0.02	0.022	0.03	0.05	
Avg Within Lab SD	0.02	0.02	0.023	0.03	0.02	
Labs Included	18	17	16	18	18	
Labs Reporting	18	17	17	18	18	



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ATECV	0.43	5.11X	0.75	0.17	1.88	0.81	0.17	2.63	2.16	0.12	1.95	0.12	0.07	1.09	1.42	
42AU62	0.30	0.64	0.89	0.15	1.14	0.63	0.11	0.45	0.40	0.08	0.54	0.73	0.09	2.01	2.66	
7J3C82	0.29	0.07	0.07	0.13	0.51	0.71	0.11	0.42	0.14	0.07	0.43	0.00	0.07	1.24	0.33	
CMMA3L	0.28	-0.07	0.41	0.10	-0.85	1.22	0.08	-0.67	0.80	0.04	-0.77	0.00	0.03	-0.54	0.00	
EG8LEU	0.19	-3.36X	0.27	0.07	-2.13	0.15	0.03	-2.23	1.16	0.01	-1.72	0.20	0.00	-1.61		
FBHKCL	0.28	-0.29	0.15	0.12	-0.12	0.24	0.10	0.11	0.29	0.07	0.18	0.47	0.05	0.28	0.76	
FF9VLK	0.28	-0.11	0.05	0.12	-0.19	0.07	0.09	-0.26	0.55	0.05	-0.30	0.23	0.03	-0.38	0.71	
GWFC9D	0.31	0.95	0.29	0.13	0.26	0.36	0.10	0.02	0.14	0.06	0.04	0.31	0.05	0.26	0.25	
JKCZPF	0.26	-0.88	0.14	0.11	-0.44	0.00	0.09	-0.34	0.14	0.05	-0.33	0.12	0.04	-0.17	0.00	
JXXFTF	0.24	-1.49	0.68	0.11	-0.52	0.15	0.08	-0.57	0.06	0.05	-0.39	0.12	0.03	-0.50	0.23	
M3K2CD	0.27	-0.55	1.22	0.12	-0.03	2.12	0.09	-0.19	2.40	0.06	-0.04	0.00	0.04	-0.13	0.00	
NLRTU7	0.30	0.53	0.40	0.12	0.13	0.21	0.09	-0.02	0.08	0.06	-0.20	0.07	0.04	0.00	0.00	
VH6JK7	0.32	1.39	0.41	0.15	1.19	1.22	0.12	0.77	0.80	0.10	1.41	3.50	0.06	0.57	1.25	
WD9E68	0.32	1.14	2.94	0.12	0.03	2.17	0.12	0.76	0.56	0.09	1.14	0.89				

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	0.29			0.12			0.10			0.061			0.043			
Median Abs Dev	0.02			0.01			0.01			0.011			0.012			
Avg Within Lab SD	0.01			0.01			0.01			0.009			0.005			
Labs Included	12			14			14			14			13			
Labs Reporting	14			14			14			14			13			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.29	0.31	0.59	0.14	1.33	3.70	0.09	-0.34	0.43	0.06	-0.06	0.28	0.03	-0.94	1.24	
3A8ZLX	6.63	327.79X	35.15	8.85	522.02X	111.16	11.13	723.30X	55.08	12.97	980.50X	93.45	0.03	-0.80	0.99	
3QWB9Z	0.29	0.17	0.62	0.16	2.15	0.55	0.11	1.39	0.70	0.09	2.09	1.13	0.07	2.28	1.64	
3TN8WU	0.30	0.63	0.35	0.13	0.64	1.42	0.09	0.17	0.35	0.06	0.19	0.41	0.04	0.09	0.90	
3ZMTL9	0.28	0.00	0.00	0.12	-0.13	0.00	0.09	0.00	0.00	0.05	-0.92	0.00	0.03	-0.79	0.00	
42AU62	0.29	0.17	0.62	0.12	0.06	0.00	0.09	0.08	0.70	0.06	0.06	1.96	0.04	0.00	0.95	
7J3C82	0.29	0.18	0.11	0.12	-0.18	0.00	0.10	0.21	0.07	0.06	0.39	0.60	0.04	0.09	0.33	
7KHVRY	0.30	0.78	0.04	0.13	0.70	0.07	0.10	0.83	0.11	0.07	0.73	0.21	0.05	0.54	0.08	
8CZM43	0.32	1.63	3.93	0.11	-0.30	1.81	0.07	-1.47	4.29	0.06	-0.19	0.93	0.03	-1.45	1.12	
8DDEWJ	0.28	0.00	0.62	0.11	-0.54	0.00	0.09	-0.36	0.70	0.06	-0.19	1.13	0.04	0.00	0.95	
8VVFNZ	0.26	-1.43	0.27	0.12	-0.14	0.25	0.09	-0.03	0.14	0.05	-0.44	0.11	0.04	-0.23	0.25	
BLYE38	0.30	0.69	0.62	0.12	0.06	0.00	0.09	0.12	0.12	0.06	0.06	0.00	0.05	0.91	0.16	
DVWYFJ	0.28	-0.18	0.00	0.10	-1.14	0.00	0.07	-1.23	0.70	0.04	-1.20	1.13	0.03	-1.14	0.00	
EZMVFU	0.29	0.13	0.00	0.12	0.12	0.00	0.09	0.17	0.07	0.06	0.11	0.11	0.05	0.20	0.09	
FBHKCL	0.30	1.03	0.27	0.13	0.78	0.38	0.10	0.61	0.07	0.07	0.44	0.52	0.05	0.83	0.16	
FF9VLK	0.27	-0.64	1.49	0.10	-0.97	0.35	0.08	-0.81	0.99	0.04	-1.44	0.88	0.02	-1.61	0.62	
G67WCP	0.26	-1.04	0.62	0.14	1.45	1.27	0.12	2.05	1.85	0.08	1.58	1.96	0.06	1.42	1.64	
GWFC9D	0.31	1.44	0.44	0.13	0.49	0.33	0.10	0.25	0.13	0.06	0.23	0.52	0.05	0.51	0.19	
JKCZPF	0.29	0.10	0.22	0.13	0.80	0.65	0.10	0.58	0.21	0.07	0.47	0.60	0.04	-0.28	0.16	
JXXFTF	0.29	0.13	0.70	0.11	-0.56	1.24	0.08	-0.92	0.84	0.05	-0.95	0.49	0.04	-0.65	0.66	
K2EYDA	0.28	-0.14	0.35	0.11	-0.82	0.34	0.07	-1.41	0.20	0.05	-0.96	0.30	0.03	-0.95	0.82	
LJARY8	0.26	-1.21	1.07	0.11	-0.54	0.00	0.08	-1.01	0.70	0.05	-0.95	1.13	0.04	-0.28	0.00	
M3K2CD	0.27	-0.52	0.62	0.11	-0.54	0.00	0.08	-0.57	1.40	0.05	-0.95	1.13	0.04	-0.57	2.51	
NUMVW G	0.28	-0.18	1.07	0.12	0.26	0.64	0.10	0.52	0.00	0.07	0.82	0.00	0.04	0.00	1.90	
PFJPGC	0.30	0.82	1.50	0.14	1.45	2.48	0.14	2.83X	1.40	0.08	1.25	2.75	0.06	1.14	2.22	



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RN7PNZ	0.29	0.51	0.62	0.13	0.86	0.64	0.10	0.30	0.70	0.06	0.32	1.13	0.05	0.28	0.95	
TXURR9	0.24	-2.12	0.61	0.13	0.70	0.07	0.12	1.58	0.97	0.07	0.92	0.48	0.06	1.66	0.53	
VKWEAZ	0.29	0.10	0.06	0.12	-0.10	0.23	0.09	-0.29	0.14	0.06	-0.19	0.30	0.05	0.14	0.28	
VKWHY6	0.25	-1.55	1.24	0.13	0.86	0.64	0.11	0.95	0.70	0.05	-0.95	1.13	0.04	0.00	0.95	
VTM2DD	0.28	-0.18	0.00	0.11	-0.74	0.64	0.07	-1.23	0.70	0.06	-0.19	1.13	0.05	0.57	1.64	
WMHKH X	0.26	-1.45	1.15	0.12	-0.06	0.11	0.09	-0.09	0.07	0.05	-0.39	0.20	0.04	-0.46	0.33	
XHF78D	0.24	-2.33	0.22	0.11	-0.80	0.55	0.08	-0.53	0.32	0.05	-0.85	1.29	0.04	-0.48	0.09	
XKMN79	0.28	-0.28	1.51	0.13	0.58	0.35	0.10	0.50	0.46	0.07	0.60	0.71	0.05	0.26	0.25	
XMEJU3	0.22	-3.53X	1.14	0.09	-1.57	1.16	0.07	-1.51	0.96	0.04	-1.76	1.19	0.02	-1.77	0.76	
ZRFFR8	0.28	-0.18		0.11	-0.54		0.09	-0.14		0.06	0.06		0.04	-0.28		

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	0.28			0.12			0.09			0.059			0.043			
Median Abs Dev	0.01			0.01			0.01			0.007			0.006			
Avg Within Lab SD	0.01			0.01			0.01			0.005			0.006			
Labs Included	33			34			33			34			35			
Labs Reporting	35			35			35			35			35			



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Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups															Data units: %		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2ATECV	2.36	-3.19X	0.89	1.08	-3.87X	0.43	0.92	-2.17	0.08	0.43	0.46	1.47	0.39	-0.40	0.02		
3TN8WU	3.07	0.41	0.43	1.38	-0.15	0.29	1.07	-0.39	0.91	0.33	-1.89	0.38	0.34	-0.97	1.73		
42AU62	2.89	-0.50	0.11	1.32	-0.94	0.17	1.04	-0.71	0.35	0.41	-0.06	0.31	0.46	0.53	0.00		
8CZM43	3.06	0.35	0.29	1.39	-0.06	0.44	1.11	0.14	0.58	0.41	-0.05	1.93	0.39	-0.42	1.91		
8VVFNZ	2.80	-0.95	0.16	1.36	-0.41	0.21	1.05	-0.58	0.24	0.38	-0.80	0.14	0.42	-0.01	0.27		
BLYE38	3.31	1.61	0.96	1.30	-1.11	0.33	1.12	0.27	0.70	0.37	-0.94	0.00	0.52	1.27	0.51		
DVWYFJ	3.17	0.89	0.11	1.37	-0.23	0.44	1.07	-0.39	0.30	0.35	-1.42	0.00	0.37	-0.67	0.84		
FBHKCL	2.79	-1.03	0.07	1.27	-1.49	0.40	0.99	-1.34	0.16	0.36	-1.18	0.30	0.37	-0.59	0.24		
G67WCP	3.32	1.64	0.57	1.53	1.74	0.50	1.24	1.65	0.35	0.46	1.14	0.31	0.44	0.32	0.19		
GWFC9D	3.11	0.58	0.08	1.33	-0.81	0.11	1.02	-0.98	0.05	0.36	-1.17	0.35	0.59	2.27	0.05		
LJARY8	2.87	-0.63	1.24	1.34	-0.61	0.66	1.05	-0.67	3.04	0.36	-1.18	1.43	0.41	-0.07	1.35		
M3K2CD	2.99	-0.03	2.36	1.36	-0.35	0.60	1.13	0.39	1.94	0.43	0.42	2.19	0.54	1.52	1.08		
PFJPGC	3.11	0.60	0.32	1.42	0.36	0.29	1.14	0.43	0.92	0.41	0.00	0.32	0.46	0.56	0.62		
RN7PNZ	3.00	0.03	0.84	1.41	0.27	1.41	1.06	-0.47	0.97	0.41	0.10	1.74	0.49	0.96	1.18		
TXURR9	3.00	0.04	0.37	1.58	2.33	0.72	1.22	1.45	0.52	0.42	0.34	1.13	0.50	1.09	0.51		
VKWHY6	2.98	-0.04	0.86	1.44	0.65	1.47	1.11	0.14	0.63	0.32	-2.14	0.54	0.36	-0.76	2.04		
VTM2DD	3.26	1.37	0.11	1.42	0.36	2.86	1.17	0.80	0.17	0.43	0.42	0.31	0.45	0.40	1.00		
WMHKH X	2.77	-1.10	2.64	1.40	0.14	0.53	1.10	0.00	0.34	0.41	0.02	0.83	0.42	0.00	0.76		
XHF78D	2.87	-0.60	0.33	1.48	1.09	1.18	1.15	0.60	1.19	0.42	0.37	0.58	0.46	0.55	0.64		
XKMN79	2.86	-0.68	1.25	1.40	0.06	1.59	1.07	-0.39	0.93	0.41	0.05	0.92	0.38	-0.56	1.03		
ZRFFR8	2.91	-0.41		1.42	0.36		1.12	0.22		0.41	0.02		0.40	-0.24			



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Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups						Data units: %
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	2.99	1.39	1.10	0.41	0.42	
Median Abs Dev	0.12	0.03	0.04	0.02	0.04	
Avg Within Lab SD	0.05	0.03	0.03	0.02	0.03	
Labs Included	20	20	21	21	21	
Labs Reporting	21	21	21	21	21	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	3.20	0.96	0.15	1.65	3.03	0.93	1.38	3.38X	1.13	0.72	7.94X	0.61	0.73	3.75	0.91	
2MJBB9	3.18	0.88	0.23	1.42	0.63	0.93	1.17	0.80	0.93	0.45	1.53	2.28	0.46	0.42	0.40	
3A8ZLX	3.38	1.96	4.36	2.29	9.87X	6.48	2.11	12.43X	3.06	1.37	23.40X	4.13	5.98	67.52X	12.78	
3QWB9Z	3.08	0.33	0.06	1.60	2.54	0.65	1.35	3.01	0.38	0.72	7.98X	0.87	0.74	3.85X	0.70	
3ZMTL9	2.87	-0.76	0.00	1.30	-0.65	0.00	1.05	-0.68	0.00	0.37	-0.19	0.00	0.42	-0.09	0.00	
42AU62	2.89	-0.67	0.00	1.29	-0.76	0.26	1.06	-0.51	0.33	0.41	0.58	0.48	0.46	0.38	0.23	
7J3C82	3.05	0.17	0.06	1.39	0.22	0.98	1.17	0.80	0.21	0.51	2.92	0.21	0.33	-1.21	0.64	
8DDEWJ	3.02	0.04	0.10	1.36	-0.05	0.45	1.11	0.10	0.75	0.41	0.66	0.41	0.45	0.34	1.22	
EG8LEU	2.98	-0.17	0.04	1.35	-0.19	1.12	1.07	-0.39	1.08	0.37	-0.27	1.02	0.40	-0.26	1.79	
FBHKCL	2.79	-1.21	0.02	1.27	-0.97	0.62	0.99	-1.39	0.11	0.36	-0.52	0.23	0.37	-0.64	0.29	
FTHDKE	3.01	-0.04	0.45	1.37	0.05	0.35	1.07	-0.47	0.40	0.38	-0.05	0.48	0.42	-0.12	1.10	
G67WCP	3.10	0.45	0.28	1.42	0.56	0.68	1.12	0.23	0.12	0.41	0.74	0.24	0.36	-0.83	0.23	
GWFC9D	3.11	0.48	0.03	1.33	-0.40	0.17	1.02	-1.03	0.03	0.36	-0.52	0.27	0.59	2.05	0.06	
JKCZPF	3.11	0.49	0.77	1.76	4.25X	10.13	1.25	1.75	3.31	0.46	1.80	2.28	0.48	0.67	0.76	
JXXFTF	3.18	0.90	0.51	1.45	0.96	0.52	1.12	0.21	0.78	0.38	0.00	1.26	0.44	0.12	1.78	
K2EYDA	2.89	-0.67	0.00	1.34	-0.30	0.26	1.16	0.64	0.12	0.42	0.91	0.19	0.41	-0.23	0.42	
M3K2CD	2.96	-0.29	0.78	1.30	-0.69	1.61	1.11	0.02	1.62	0.39	0.11	1.87	0.50	0.91	1.44	
PFJPGC	2.77	-1.32	0.32	1.36	-0.08	1.80	1.10	-0.02	1.01	0.38	-0.06	0.15	0.36	-0.79	1.38	
VKWEAZ	3.02	0.04	0.21	1.41	0.49	2.04	1.08	-0.31	0.21	0.37	-0.40	0.11	0.43	0.09	1.27	
VTM2DD	2.99	-0.13	0.13	1.34	-0.26	1.34	1.07	-0.43	0.00	0.37	-0.28	0.41	0.43	0.10	0.23	
XMEJU3	2.58	-2.31	0.06	1.37	0.09	1.12	1.06	-0.51	0.81	0.36	-0.60	0.63	0.41	-0.18	1.39	
ZRFR8	2.91	-0.56		1.42	0.59		1.12	0.18		0.41	0.66		0.40	-0.31		



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	3.02	1.36	1.11	0.38	0.43	
Median Abs Dev	0.10	0.05	0.04	0.02	0.03	
Avg Within Lab SD	0.16	0.02	0.05	0.02	0.03	
Labs Included	22	20	20	19	20	
Labs Reporting	22	22	22	22	22	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ATECV	4.11	-1.11	0.09	1.86	-1.36	0.29	1.59	-1.37	0.12	0.74	0.05	1.37	0.67	-0.48	0.03	
3A8ZLX	5.42	0.31	0.06	2.22	-0.35	0.61	1.82	-0.74	0.00	0.63	-0.73	0.17	0.62	-0.80	0.16	
3TN8WU	6.67	1.67	1.33	2.70	1.01	2.32	2.67	1.58	1.51	0.90	1.19	0.00	1.07	2.05	1.59	
7J3C82	5.58	0.49	0.29	2.45	0.31	0.71	2.14	0.13	0.55	0.96	1.61	2.35	0.78	0.23	0.95	
8VVFNZ	5.13	0.00	0.37	2.23	-0.31	0.67	1.93	-0.43	1.51	0.73	0.02	1.71	0.70	-0.27	0.00	
BLYE38	3.56	-1.71	0.10	1.51	-2.36	0.12	1.36	-2.01	0.45	0.50	-1.64	0.17	0.56	-1.18	0.16	
CMMA3L	5.57	0.47	0.35	2.34	0.00	0.29	1.97	-0.33	0.26	0.70	-0.19	0.17	0.74	0.00	0.97	
EG8LEU	4.94	-0.21	3.11	2.69	0.97	1.60	2.18	0.24	2.23	0.78	0.37	0.95	0.88	0.84	2.34	
ET234V	3.60	-1.66	2.35	2.14	-0.56	1.36	2.08	-0.03	0.87	0.47	-1.84	0.82	0.58	-1.06	0.51	
FBHKCL	5.55	0.46	0.07	2.40	0.17	0.52	2.29	0.54	0.15	0.83	0.73	0.34	0.83	0.57	0.42	
FTHDKE	5.19	0.06	0.76	2.36	0.05	0.20	1.84	-0.69	0.94	0.66	-0.53	0.60	0.72	-0.17	1.30	
GWFC9D	5.35	0.24	0.05	2.29	-0.16	0.08	1.76	-0.90	0.07	0.62	-0.77	0.33	1.02	1.78	0.07	
JKCZPF	5.54	0.45	0.26	2.36	0.06	0.37	2.00	-0.25	0.94	0.65	-0.55	1.00	0.69	-0.32	0.47	
JXXFTF	5.17	0.04	0.36	2.23	-0.31	0.22	1.96	-0.35	0.49	0.68	-0.33	0.00	0.78	0.24	0.90	
K2EYDA	5.10	-0.04	0.38	2.27	-0.21	0.40	2.14	0.13	1.06	0.73	-0.02	0.17	0.67	-0.44	1.11	
L8H7TC	5.66	0.57	0.32	2.68	0.95	0.16	2.33	0.65	1.30	0.85	0.84	0.42	0.67	-0.46	0.78	
MDJ2PH	4.92	-0.24	0.45	2.34	-0.02	0.52	2.15	0.16	0.66	0.87	1.01	0.45	0.95	1.31	0.99	
RRLWCZ	4.47	-0.73	0.37	1.67	-1.91	0.67	2.37	0.76	1.51	0.70	-0.21	0.00	0.87	0.78	1.59	
TRLGC8	5.57	0.48	0.76	2.71	1.03	2.44	2.36	0.75	1.04	1.20	3.29X	1.47	1.28	3.43X	2.89	
VH6JK7	2.90	-2.43	0.43	1.91	-1.24	0.10	1.72	-1.03	0.94	0.64	-0.65	0.95	0.68	-0.42	0.54	
WD9E68	4.77	-0.40	1.58	2.57	0.65	1.74	3.64	4.25X	9.09	0.77	0.30	2.24	2.48	10.98X	2.56	
WMVDVC	4.06	-1.17	0.22	2.86	1.46	0.60	2.73	1.77	0.76	0.89	1.12	1.07	0.85	0.70	1.15	
ZRFFR8	4.58	-0.60		2.37	0.08		2.10	0.03		0.75	0.14		0.75	0.04		



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	5.13	2.34	2.09	0.73	0.74	
Median Abs Dev	0.43	0.12	0.22	0.09	0.08	
Avg Within Lab SD	0.16	0.09	0.04	0.03	0.04	
Labs Included	23	23	22	22	21	
Labs Reporting	23	23	23	23	23	



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SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FF9VLK	4.30		1.00	2.19		1.00	2.04		1.00	0.79		1.00	0.52		1.00	

SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	4.30			2.19			2.04			0.79			0.52			
Median Abs Dev																
Avg Within Lab SD	0.05			0.00			0.05			0.05			0.05			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	5.51	-0.66	2.52	3.82	3.71X	20.25	2.68	-0.02	1.30	1.37	0.31	2.05	0.91	0.65	0.63		
3ZMTL9	5.63	-0.31		2.87	-0.46	0.00	2.68	-0.06	0.00	1.24	-0.50	0.00	0.89	0.44	0.00		
42AU62	5.86	0.36	0.97	2.86	-0.53	0.09	3.00	1.82	0.93	1.39	0.40	0.36	1.21	3.20X	1.02		
44GAC8	5.95	0.63	0.22	3.15	0.78	0.52	2.76	0.43	0.35	1.47	0.92	0.31	0.91	0.58	0.59		
74RQNC	6.08	0.99	3.20	3.20	1.00	1.16	2.90	1.26	0.66	1.37	0.28	0.50	0.82	-0.17	0.41		
7J3C82	6.03	0.86	1.33	2.70	-1.22	1.49	2.57	-0.70	0.77	1.17	-0.97	0.89	0.70	-1.22	0.00		
7XMU3Q	5.30	-1.25	0.00	2.80	-0.78	0.00	2.60	-0.50	0.00	1.10	-1.38	0.00	0.73	-0.93	1.18		
8CZM43	5.91	0.50	1.76	3.08	0.47	3.44	2.78	0.56	2.31	1.44	0.71	3.84	0.78	-0.52	3.33		
8DDEWJ	5.79	0.15	0.05	2.92	-0.25	0.00	2.69	0.00	0.08	1.19	-0.82	0.00	0.84	0.03	0.31		
8JZ2QP	5.47	-0.75	0.24	2.91	-0.30	0.78	2.61	-0.46	0.37	1.24	-0.53	0.39	0.82	-0.17	0.85		
8VVFNZ	5.73	0.00	0.50	3.00	0.10		2.77	0.47	0.77	1.23	-0.55	0.89	0.67	-1.51	1.18		
AFD723	5.73	0.00	2.01	2.97	-0.04	1.72	2.67	-0.12	1.55	1.33	0.07	0.89	0.90	0.52	0.00		
BCAQ6J	0.06	-16.33X	0.00	0.03	-13.00X	0.00	0.03	-15.46X	0.00	0.02	-8.13X	0.00	0.01	-7.24X	0.00		
BURRXZ	6.07	0.98	0.13	3.53	2.43	0.31	3.15	2.69	0.00	1.75	2.66X	0.16	1.03	1.66	0.20		
BYYKRW	5.58	-0.45	0.29	2.91	-0.29	0.20	2.59	-0.56	0.99	1.22	-0.61	0.59	0.81	-0.29	0.92		
DVWYFJ	5.81	0.21	0.22	2.95	-0.12	0.39	2.65	-0.19	0.15	1.26	-0.39	0.16	0.77	-0.64	0.42		
EG8LEU	6.17	1.27	0.45	3.27	1.28	1.71	2.99	1.76	0.44	1.44	0.72	0.27	0.93	0.77	0.52		
ET234V	5.15	-1.68	0.38	2.69	-1.28	0.31	2.35	-1.98	0.66	0.90	-2.65	0.49	0.72	-1.01	0.71		
EZMVFU	5.77	0.11	0.46	3.11	0.60	0.37	2.75	0.39	0.74	1.28	-0.28	0.32	0.87	0.26	0.20		
FWHLNP	6.08	0.99	2.06	3.12	0.62	1.59	2.86	0.99	2.62	1.42	0.63	2.40	0.94	0.86	2.53		
FXAHDJ	5.64	-0.26	0.05	2.88	-0.43	0.15	2.59	-0.58	0.08	1.24	-0.53	0.09	0.80	-0.32	0.12		
G67WCP	5.30	-1.24	0.57	2.64	-1.47	1.33	2.37	-1.82	0.28	1.24	-0.53	0.36	0.72	-1.02	0.51		
GEGYXQ	5.62	-0.34	0.56	3.05	0.34	1.13	2.75	0.39	1.09	1.39	0.42	1.23	0.86	0.20	0.92		
HRFM4B	5.25	-1.40	0.57	2.60	-1.68	0.75	2.69	0.02	0.27	11.01	60.26X	7.98	0.99	1.34	0.72		
J9JG9P	5.67	-0.17	0.22	3.05	0.34	2.31	2.87	1.05	1.22	1.37	0.32	1.64	0.84	0.00	0.71		
JVUGHM	5.81	0.21	0.52	3.14	0.72	1.35	2.90	1.25	0.34	1.35	0.16	0.66	0.92	0.74	1.34		



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	6.04	0.88	0.56	2.81	-0.74	0.29	2.68	-0.04	2.04	1.31	-0.05	0.14	0.96	1.01	0.29	
KNPZM8	5.57	-0.46	1.02	2.68	-1.30	0.44	2.51	-1.05	0.40	1.15	-1.08	0.49	0.72	-1.06	0.28	
L8H7TC	6.10	1.06	1.66	3.12	0.65	0.37	2.88	1.14	1.02	1.26	-0.37	1.01	0.84	-0.03	1.33	
M3K2CD	5.66	-0.21	0.63	3.15	0.78	1.01	2.71	0.12	0.15	1.37	0.32	0.39	0.93	0.76	1.05	
MGHDKH	5.48	-0.74	0.48	2.84	-0.60	0.00	2.60	-0.48	0.15	1.15	-1.07	0.00	0.81	-0.26	0.00	
NC36WH	5.64	-0.26	1.33	2.86	-0.52	0.83	2.41	-1.59	3.18	1.41	0.53	2.06	0.77	-0.58	0.31	
PFJPGC	5.98	0.72	0.22	3.04	0.26	0.70	2.68	-0.06	0.20	1.43	0.69	0.63	0.75	-0.78	0.35	
QFZ6AK	5.75	0.03	0.38	3.04	0.26	0.33	2.75	0.36	0.37	1.25	-0.44	0.03	0.82	-0.16	0.13	
QHL8TD	6.38	1.87	1.09	3.10	0.54	0.26	2.91	1.32	0.51	1.69	2.29	0.86	0.95	0.96	1.76	
RN7PNZ	5.27	-1.34	0.50	2.67	-1.37	0.86	2.30	-2.25X	0.00	0.83	-3.04	0.89	0.37	-4.13X	1.18	
UKYQQD	5.45	-0.83	0.82	2.98	0.00	0.96	2.67	-0.12	0.15	1.40	0.51	0.47	0.88	0.32	1.47	
UPUKNE	5.50	-0.66	0.13	3.11	0.59	0.26	2.75	0.37		1.37	0.32	0.18	0.81	-0.26	0.20	
VTM2DD	5.20	-1.53	0.00	2.84	-0.62	0.17	2.62	-0.39	0.00	1.36	0.24	0.00	0.93	0.78	0.00	
WEZBU2	6.13	1.14	0.00	3.46	2.13	0.00	2.53	-0.91	0.00	1.33	0.05	0.00	0.08	-6.64X	0.00	
WMHKH X	5.77	0.10	1.00	3.03	0.25	0.86	2.80	0.66	0.00	1.27	-0.34	0.89	0.77	-0.64	1.18	
WZJH6U	6.02	0.83	0.13	2.91	-0.29	0.30	2.55	-0.81	0.28	1.40	0.49	0.16	0.88	0.32	0.31	
XHF78D	5.88	0.41	0.71	3.16	0.79	0.33	2.73	0.23	1.23	1.34	0.12	0.30	0.94	0.87	0.82	
Y4V33U	5.57	-0.48	0.50	2.87	-0.49	0.86	2.67	-0.12	0.77	1.20	-0.76	0.00	0.77	-0.64	1.18	
ZM2WAQ	5.47	-0.77	0.50	2.97	-0.04	0.86	2.67	-0.12	0.77	1.17	-0.97	0.89	0.75	-0.76	1.43	
ZRFFR8	4.69	-3.00X		3.07	0.41		2.73	0.25		1.22	-0.63		1.09	2.18		
ZULXP4	5.64	-0.27	0.30	3.02	0.18	0.22	2.71	0.14	0.25	1.43	0.68	0.25	0.93	0.79	0.24	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405	
Grand Median	5.73	2.98	2.69	1.32	0.84	
Median Abs Dev	0.23	0.12	0.08	0.09	0.07	
Avg Within Lab SD	0.11	0.07	0.07	0.06	0.05	
Labs Included	45	45	45	44	43	
Labs Reporting	47	47	47	47	47	



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups															Data units: %
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
FF9VLK	4.97		0.44	2.63		0.02	2.44		0.30	1.04		1.66	0.75		1.36
UPUKNE	4.67		0.25	4.54		1.73	2.22		0.00	0.99		0.51	0.50		0.39
VKWEAZ	6.40		1.66	3.37		0.06	3.00		1.71	1.40		0.00			
ZRFFR8	4.69			3.07			2.73			1.22			1.09		
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups															Data units: %
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	4.83			3.22			2.59			1.13			0.75		
Median Abs Dev															
Avg Within Lab SD	0.06			0.99			0.06			0.02			0.03		
Labs Included	4			4			4			4			3		
Labs Reporting	4			4			4			4			3		



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
BYYKRW	0.42		1.09	0.44		1.48	0.42		1.53	0.44		1.39	0.49		1.31	
FTHDKE	0.31		1.02	0.44		1.34	0.14		0.80	0.37		0.72	0.41		1.13	
GWFC9D	0.11		0.01	0.11		0.00	0.10		0.01	0.10		0.00	0.10		0.00	
VKWEAZ	0.47		1.33	0.47		0.00				0.44		1.25	0.48			
CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	0.36			0.44			0.14			0.40			0.45			
Median Abs Dev																
Avg Within Lab SD	0.02			0.03			0.01			0.02			0.03			
Labs Included	4			4			3			4			4			
Labs Reporting	4			4			3			4			4			



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CaCO3 Content effervescent (SubTestCode 1852)														Data units: %		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8VVFNZ	0.23		0.49	0.33		0.55	0.27		0.23	0.43		1.24	0.30		0.00	
EG8LEU	0.35		0.43	0.14		0.16	0.15			0.66		0.55	0.27		0.12	
M3K2CD	0.32		1.60	0.74		1.63	0.46		1.40	0.43		1.08	0.31		1.73	
CaCO3 Content effervescent (SubTestCode 1852)														Data units: %		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	0.32			0.33			0.27			0.43			0.30			
Median Abs Dev																
Avg Within Lab SD	0.12			0.10			0.26			0.05			0.04			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3TN8WU	17.50	-1.20	0.53	7.57	-0.86	0.45	6.10	0.00	0.93	7.30	-1.24	1.21	3.87	-0.54	0.38
77WJFP	22.10	-0.18	0.42	10.63	0.44	0.24	5.87	-0.16	0.15	14.00	4.33X	0.82	8.37	4.33X	0.76
7J3C82	20.86	-0.46	0.38	8.22	-0.58	0.47	4.79	-0.89	0.39	9.08	0.24	0.21	4.63	0.28	0.36
BLYE38	30.60	1.69	0.05	11.91	0.99	0.12	6.95	0.57	0.15	9.60	0.67	0.20	5.21	0.91	0.33
EG8LEU	27.09	0.91	0.47	12.21	1.11	0.69	8.72	1.78	1.04	9.39	0.50	0.31	4.84	0.51	1.10
FBHKCL	27.57	1.02	0.11	12.43	1.21	1.27	6.23	0.09	0.83	7.80	-0.82	2.18	4.37	0.00	0.38
G8YTZJ	26.93	0.88	3.00	9.92	0.14	1.92	6.39	0.19	2.01	9.67	0.73	0.73	13.52	9.92X	17.61
JKCZPF	21.70	-0.27	0.22	7.76	-0.78	0.47	4.39	-1.16	0.30	8.00	-0.66	0.15	4.01	-0.39	0.88
M3K2CD	22.93	0.00	0.99	8.54	-0.45	1.62	3.99	-1.43	1.91	8.65	-0.12	1.59	3.72	-0.70	2.33
VKWEAZ	26.37	0.76	0.29	9.59	0.00	1.36	5.24	-0.59	0.31	8.93	0.12	0.60	4.86	0.53	0.95
XPXC76	22.69	-0.05	0.23	7.54	-0.87	0.22	6.92	0.56	0.53	6.81	-1.65	0.40	2.33	-2.20	0.43

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	22.9			9.59			6.10			8.79			4.37		
Median Abs Dev	3.4			1.83			0.85			0.80			0.49		
Avg Within Lab SD	1.4			0.64			0.39			0.44			0.15		
Labs Included	11			11			11			10			9		
Labs Reporting	11			11			11			11			11		



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3A8ZLX	16.04	-1.13	0.17	7.49	-0.18	0.15	3.27	-0.57	0.09	10.15	-0.35	0.06	4.78	-0.38	0.11	
42AU62	27.77	0.81	0.85	6.47	-1.04	0.52	6.10	1.13	0.83	10.50	-0.06	1.94	7.20	1.37	1.35	
8DDEWJ	29.92	1.17	0.19	7.70	0.00	0.71	4.38	0.09	0.63	12.23	1.40	0.61	7.78	1.78	0.94	
EZMVFU	20.33	-0.42	1.29	5.73	-1.66	0.52	7.30	1.85	2.52	8.77	-1.51	0.32	5.30	0.00	0.78	
FF9VLK	26.83	0.66	2.05	7.30	-0.34	1.97	4.07	-0.09	1.04	10.63	0.06	1.41	6.47	0.84	0.90	
G8YTZJ	27.53	0.77	0.77	7.93	0.20	0.52	3.67	-0.33	0.24	10.23	-0.28	0.65	5.23	-0.05	0.90	
GWFC9D	23.87	0.17	1.16	15.30	6.41X	2.28	15.46	6.76X	0.16	6.49	-3.42X	2.66	6.03	0.52	1.36	
J9JG9P	16.87	-0.99	0.42	7.70	0.00	0.45	3.40	-0.49	0.00	10.47	-0.08	0.32	4.93	-0.26	0.45	
JKCZPF	17.86	-0.83	0.69	9.35	1.39	0.32	3.59	-0.38	0.27	11.57	0.84	0.67	5.07	-0.17	0.49	
L8H7TC	23.80	0.15	1.22	6.20	-1.26	0.90	6.20	1.19	0.83	9.70	-0.73	1.68	6.17	0.62	1.19	
M3K2CD	23.33	0.08	1.23	8.53	0.70	0.36	3.79	-0.26	0.36	11.17	0.50	1.62	5.12	-0.13	1.78	
RN7PNZ	22.87	0.00	0.24	9.10	1.18	0.90	6.47	1.35	2.04	8.73	-1.54	0.32	4.30	-0.72	0.78	
WD9E68	17.01	-0.97	1.08	8.32	0.53	0.23	3.78	-0.27	0.35	10.75	0.15	0.59	5.21	-0.07	0.95	
WZJH6U	15.53	-1.21	0.72	7.60	-0.08	1.97	5.53	0.79	0.24	11.10	0.45	0.56	7.43	1.53	1.19	
XHF78D	18.19	-0.77	1.00	8.74	0.88	1.67	5.28	0.64	0.42	12.36	1.51	0.74	7.64	1.68	0.56	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	22.9			7.70			4.22			10.6			5.30			
Median Abs Dev	4.7			0.73			0.89			0.6			0.73			
Avg Within Lab SD	0.5			0.22			0.24			0.2			0.13			
Labs Included	15			14			14			14			15			
Labs Reporting	15			15			15			15			15			



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups

Data units: g/cc

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6LU9WV	1.10	-0.76	0.09	1.09	-0.97	0.31	1.11	-1.16	0.08	1.07	-1.63	0.05	1.40	-1.42	0.09
77WJFP	1.09	-0.85	2.08	1.21	0.19	0.92	1.22	-0.46	0.83	1.22	-0.64	1.30	1.56	-0.11	0.35
F7LWVE	1.18	-0.10	0.26	1.17	-0.22	0.27	1.27	-0.17	0.54	1.37	0.34	0.28	1.59	0.11	0.00
FBHKCL	1.41	1.87	0.26	1.40	1.92	0.27	1.55	1.58	0.00	1.55	1.46	0.28	1.70	0.98	0.00
G8YTZJ	1.15	-0.29	0.26	1.12	-0.65	2.00	1.32	0.17	0.31	1.27	-0.34	1.23	1.69	0.87	0.70
TRLGC8	1.26	0.57	0.79	1.22	0.28	0.73	1.35	0.35	0.91	1.33	0.06	0.48	1.56	-0.11	1.06
WD9E68	1.29	0.86	1.36	1.30	0.98	1.17	1.49	1.22	2.26	1.45	0.86	1.84	1.70	0.95	2.29
ZRFFR8	1.20	0.10		1.17	-0.19		1.25	-0.29		1.31	-0.06		1.47	-0.85	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups

Data units: g/cc

	SRS2401	SRS2402	SRS2403	SRS2404	SRS2405
Grand Median	1.19	1.19	1.30	1.32	1.58
Median Abs Dev	0.08	0.05	0.06	0.08	0.11
Avg Within Lab SD	0.02	0.02	0.02	0.02	0.02
Labs Included	8	8	8	8	8
Labs Reporting	8	8	8	8	8



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	6.5	-1.56	0.45	8.5	-1.25	1.68	37.8	-2.34	2.49	38.5	-2.79X	2.82	77.2	-4.23X	0.70
2MJBB9	20.2	0.32	0.00	15.2	0.07	0.00	51.4	0.60	0.00	59.7	0.45	0.49	92.7	0.15	0.00
2P9CJH	19.0	0.15		9.2	-1.12	0.00	75.3	5.77X	0.00	54.0	-0.41		89.0	-0.89	
3A8ZLX	13.7	-0.58	0.02	12.4	-0.49	0.02	49.7	0.22	0.03	56.7	0.00	0.00	92.5	0.08	0.00
3QWB9Z	19.6	0.23	0.66	14.6	-0.05	0.67	50.4	0.38	0.95	61.7	0.76	0.48	90.4	-0.49	0.66
42AU62	17.3	-0.08	1.05	18.7	0.75	2.85	50.0	0.29		62.7	0.91	2.74	91.3	-0.23	2.12
6LU9WV	5.9	-1.64	0.52	7.5	-1.45	0.61	44.9	-0.81	0.06	62.8	0.93	0.67	81.9	-2.90	0.02
7KHVRY	18.6	0.09	0.57	23.5	1.71	0.64	54.3	1.22	1.10	67.7	1.68	2.93	94.9	0.78	0.42
7XMU3Q	10.1	-1.06	3.60	12.4	-0.49	2.37	45.4	-0.69	1.90	57.6	0.14	1.94	91.6	-0.17	1.33
BLYE38	12.8	-0.69	0.00	14.8	-0.01	0.00	44.8	-0.83	0.00	54.8	-0.29	0.00	90.8	-0.39	0.00
BURRXZ	24.0	0.84		18.0	0.62		50.0	0.29		58.0	0.20		80.0	-3.43	
DVWYFJ	8.8	-1.24	0.65	8.4	-1.27	0.32	43.8	-1.05	0.91	46.1	-1.62	0.51	93.7	0.43	0.00
EG8LEU	15.2	-0.37	1.28	14.8	0.00	2.15	46.4	-0.48	0.71	53.4	-0.50	1.50	92.8	0.19	0.53
EZMVFU	17.0	-0.12		17.0	0.43		49.0	0.08		55.0	-0.26		91.0	-0.33	
FBHKCL	16.0	-0.26		14.0	-0.17		46.0	-0.57		54.0	-0.41		92.0	-0.05	
G67WCP	29.4	1.57	0.00	33.5	3.69X	0.00	44.0	-1.01	0.00	55.6	-0.17	0.00	89.6	-0.73	0.00
G8YTZJ	8.2	-1.33	0.50	9.5	-1.05	0.28	48.4	-0.05	1.18	62.5	0.88	0.04	92.7	0.14	0.19
GWFC9D	26.0	1.10	0.22	26.8	2.37	1.00	57.9	2.01	0.76	73.2	2.52	0.65	93.6	0.41	0.52
H6Z38A	14.6	-0.45	0.63	13.4	-0.29	0.70	42.1	-1.42	0.91	52.5	-0.64	0.81	93.8	0.45	0.03
J9JG9P	12.4	-0.75	1.01	16.2	0.27	0.28	44.9	-0.82	1.62	49.2	-1.14	0.61	87.2	-1.40	0.28
JKCZPF	20.6	0.37	0.00	17.4	0.50	0.00	50.3	0.36	0.00	58.3	0.24	0.00	90.1	-0.59	0.00
L7PA4J	18.7	0.12	0.90	16.8	0.38	0.16	49.4	0.16	0.71	56.4	-0.04	0.35	93.8	0.45	0.17
L8H7TC	15.8	-0.29	0.32	14.8	-0.02	0.33	48.3	-0.08	1.39	44.5	-1.87	0.93	92.3	0.02	0.97
LJARY8	6.9	-1.49	0.08	8.2	-1.30	0.27	46.9	-0.38	0.44	56.2	-0.07	0.36	91.8	-0.10	0.32
M3K2CD	17.0	-0.12	1.57	15.7	0.16	1.08	47.7	-0.21	0.76	60.0	0.50		88.3	-1.08	2.31
NLRTU7	18.4	0.08	1.36	14.1	-0.14	1.40	49.6	0.21	0.00	56.7	0.00	0.00	93.3	0.31	1.38



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PFJPGC	24.6	0.92	0.00	17.6	0.55	0.00	48.6	0.00	0.00	58.8	0.32	0.00	92.7	0.14	0.00	
RN7PNZ	24.3	0.88	1.24	23.1	1.62	0.14	53.8	1.12	0.70	57.2	0.08	0.70	93.4	0.35	0.55	
V2WTH2	4.4	-1.84	0.00	7.4	-1.46	0.00	44.7	-0.86	0.00	51.7	-0.76	0.00	90.0	-0.62	0.00	
VTM2DD	25.3	1.01	0.04	39.2	4.82X	0.00	51.2	0.55	0.00	63.1	0.98	0.00	91.2	-0.27	0.00	
WD9E68	18.7	0.12	0.90	16.8	0.38	0.16	49.4	0.16	0.71	56.4	-0.04	0.35	93.8	0.45	0.17	
WMHKH X	16.2	-0.23	1.22	16.0	0.23	0.56	47.9	-0.17	0.40	56.0	-0.11	0.71	92.2	0.00	1.53	
XHF78D	21.8	0.54	0.00	17.8	0.59	0.00	53.7	1.09	0.00	63.8	1.08	0.00	97.8	1.58	0.00	
ZM2WAQ	19.7	0.24	0.52	17.3	0.49	1.08	52.0	0.73		62.7	0.91	0.76	94.0	0.52		
ZRFFR8	20.0	0.29		12.0	-0.56		51.0	0.51		70.0	2.04		94.0	0.52		
ZULXP4	27.7	1.34	1.59	31.2	3.22X	2.39	40.2	-1.82	2.45	52.7	-0.61	1.19	81.7	-2.94	3.24	

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	17.9			14.8			48.6			56.7			92.2			
Median Abs Dev	3.6			2.5			2.6			3.3			1.5			
Avg Within Lab SD	1.1			1.1			0.8			1.5			1.1			
Labs Included	36			33			35			35			35			
Labs Reporting	36			36			36			36			36			



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups

Data units: Percent

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	50.5	-0.39	1.71	49.8	-1.56	1.50	26.5	-0.51	2.23	42.5	0.88	1.57	7.2	1.21	1.04
2MJBB9	48.6	-0.59	0.00	56.1	-0.60	0.00	22.8	-1.26	0.77	33.7	-0.38	0.78	3.6	-0.61	0.00
2P9CJH	49.5	-0.50		53.4	-1.01	0.00	17.2	-2.41	0.00	39.5	0.45		7.0	1.12	
3A8ZLX	60.2	0.63	0.01	67.0	1.08	0.01	28.5	-0.10	1.48	35.7	-0.10	0.00	2.5	-1.17	0.00
3QWB9Z	52.9	-0.14	0.47	62.5	0.38		27.1	-0.39	0.74	29.2	-1.03	0.87	4.6	-0.11	0.72
42AU62	51.9	-0.25	1.45	59.2	-0.12	0.70	27.1	-0.39	1.18	31.9	-0.64	2.91	5.2	0.20	2.44
6LU9WV	56.8	0.28	0.52	65.1	0.78	0.15	30.8	0.36	0.09	23.9	-1.78	0.46	4.5	-0.14	0.23
7KHVRY	56.2	0.21	2.10	58.4	-0.24	0.32	29.0	0.01	1.84	29.2	-1.02	2.68	3.6	-0.59	0.60
7XMU3Q	61.9	0.82	0.99	64.4	0.68	1.73	33.5	0.92	1.48	39.0	0.38	1.77	7.6	1.43	0.00
BLYE38	59.6	0.57	0.00	59.6	-0.06	0.00	33.6	0.94	0.00	39.6	0.47	0.00	5.6	0.41	0.00
BURRXZ	52.0	-0.23		65.0	0.77		35.0	1.22		37.0	0.10		18.0	6.72X	
DVWYFJ	58.9	0.50	0.46	61.9	0.30	0.15	29.0	0.00		43.3	0.99	0.03	1.3	-1.78	
EG8LEU	58.3	0.44	2.01	64.3	0.66	1.54	32.7	0.76	0.55	42.1	0.82	1.56	6.0	0.60	0.00
EZMVFU	56.0	0.19		60.0	0.00		28.0	-0.20		36.0	-0.05		8.0	1.63	
FBHKCL	62.0	0.83		60.0	0.00		33.0	0.82		40.0	0.53		7.0	1.12	
G67WCP	32.4	-2.31	0.00	30.4	-4.55X	0.00	29.1	0.02	0.00	30.3	-0.86	0.00	4.3	-0.24	0.00
G8Y TZJ	67.7	1.43	0.10	67.6	1.17	0.07	34.7	1.17	1.07	31.0	-0.77	0.09	4.8	0.00	0.27
GWFC9D	54.4	0.02	0.26	57.9	-0.32	0.38	23.7	-1.09	0.59	21.9	-2.08	0.49	3.3	-0.74	0.23
H6Z38A	60.0	0.61	0.04	65.8	0.89	1.00	37.9	1.82	1.97	43.7	1.06	0.75	5.8	0.53	0.81
J9JG9P	62.1	0.84	0.69	57.3	-0.42	0.66	29.6	0.13	0.21	40.0	0.52	0.44	5.6	0.42	0.87
JKCZPF	53.0	-0.13	0.00	64.5	0.69	2.15	29.8	0.17	0.00	34.4	-0.28	0.00	5.0	0.09	0.00
L7PA4J	50.4	-0.40	0.33	53.7	-0.96	0.72	25.7	-0.66	1.11	36.4	0.01	0.43	2.8	-1.03	0.95
L8H7TC	66.0	1.25	0.93	63.5	0.54	1.41	30.5	0.31	0.72	50.5	2.03	1.28	5.3	0.23	1.77
LJARY8	68.1	1.48	0.16	56.7	-0.50	2.06	30.6	0.32	0.26	33.4	-0.41	0.31	5.6	0.40	0.15
M3K2CD	59.0	0.51	3.41	63.7	0.56	1.54	32.3	0.68	0.59	33.3	-0.43	0.70	7.7	1.46	2.53
NLRTU7	53.0	-0.13	0.99	65.3	0.81	1.00	31.1	0.42	1.53	38.2	0.27	0.00	4.2	-0.29	1.51



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PFJPGC	42.8	-1.21	0.00	52.2	-1.20	0.00	20.8	-1.66	0.00	30.6	-0.82	0.00	4.8	0.00	0.00	
RN7PNZ	48.3	-0.63	0.46	56.0	-0.61	0.40	25.2	-0.78	0.58	37.0	0.09	0.52	4.0	-0.41	0.92	
V2WTH2	69.0	1.57	0.00	72.0	1.84		35.2	1.27	0.00	40.6	0.62	0.00	5.0	0.12	0.00	
VTM2DD	38.3	-1.68	0.02	32.4	-4.25X	0.00	22.6	-1.31	0.00	28.5	-1.12	0.00	4.5	-0.16	0.00	
WD9E68	50.4	-0.40	0.33	53.7	-0.96	0.72	25.7	-0.66	1.11	36.4	0.01	0.43	2.8	-1.03	0.95	
WMHKH X	52.1	-0.22	0.34	52.7	-1.13	1.08	26.9	-0.44	1.65	38.0	0.24	0.63	5.2	0.20	1.04	
XHF78D	50.2	-0.43	0.00	58.2	-0.28	0.00	26.2	-0.57	0.00	32.2	-0.59	0.00	2.1	-1.36	0.00	
ZM2WAQ	54.0	-0.02		58.7	-0.20	0.77	29.0	0.00		36.3	0.00	0.70	3.1	-0.88	0.12	
ZRFFR8	56.0	0.19		66.0	0.92		29.0	0.00		24.0	-1.77		4.0	-0.41		
ZULXP4	33.0	-2.25	0.57	32.2	-4.27X	0.23	26.6	-0.50	0.41	11.1	-3.62X	1.15	7.7	1.49	2.21	

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	54.2			60.0			29.0			36.3			4.80			
Median Abs Dev	4.7			4.3			2.7			3.7			1.03			
Avg Within Lab SD	1.5			1.5			1.0			1.7			1.00			
Labs Included	36			33			36			35			35			
Labs Reporting	36			36			36			36			36			



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups

Data units: Percent

WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	43.0	2.85X	1.42	41.7	2.51	1.60	35.7	3.23X	0.27	19.0	4.05X	4.32	15.7	6.77X	0.64
2MJBB9	31.2	0.70	0.00	28.7	0.67	0.00	25.8	0.94	0.69	6.6	0.02	1.49	3.7	0.34	0.00
2P9CJH	31.5	0.75		37.4	1.91	0.00	7.5	-3.29X		6.5	-0.02		4.0	0.50	
3A8ZLX	26.2	-0.22	0.00	20.6	-0.48	0.01	21.8	0.02	1.34	7.6	0.35	0.00	5.0	1.05	0.00
3QWB9Z	27.5	0.02		22.9	-0.15	0.66	22.5	0.18		9.2	0.85	1.43	5.0	1.04	
42AU62	30.8	0.63	0.69	24.1	0.02	0.84	22.3	0.13	1.06	6.1	-0.14	1.83	3.6	0.29	0.00
6LU9WV	37.3	1.82	0.14	27.5	0.49	0.80	24.3	0.61	0.04	13.3	2.18	0.48	13.6	5.65X	0.48
7KHVRY	23.6	-0.69	0.33	18.1	-0.85	0.99	16.7	-1.16	1.40	3.1	-1.14	0.21	1.4	-0.89	0.49
7XMU3Q	27.9	0.10	1.95	23.2	-0.11	2.37	21.0	-0.16	1.33	5.1	-0.48	0.00	2.5	-0.30	
BLYE38	27.6	0.04	0.00	25.6	0.23	0.00	21.6	-0.02	0.00	5.6	-0.31	0.00	3.6	0.29	0.00
BURRXZ	24.0	-0.61		17.0	-1.00		15.0	-1.55		5.0	-0.51		2.0	-0.57	
DVWYFJ	32.3	0.90	0.06	29.7	0.81	0.11	27.3	1.29	0.69	10.6	1.32	1.49	5.9	1.50	1.67
EG8LEU	24.8	-0.46	0.00	20.8	-0.45	0.00	20.8	-0.20	0.00	4.5	-0.67	1.14	1.2	-1.02	1.29
EZMVFU	27.0	-0.07		23.0	-0.14		23.0	0.30		9.0	0.79		1.0	-1.11	
FBHKCL	22.0	-0.98		26.0	0.28		21.0	-0.16		6.0	-0.18		1.0	-1.11	
G67WCP	38.2	1.98	0.00	36.1	1.72	0.00	26.9	1.21	0.00	14.1	2.46	0.00	6.1	1.64	0.00
G8YTZJ	24.6	-0.51	0.20	22.9	-0.16	0.32	16.9	-1.12	0.14	6.6	0.00	0.23	2.5	-0.29	0.26
GWFC9D	19.6	-1.41	0.09	15.2	-1.25	0.46	18.4	-0.76	0.08	5.0	-0.53	0.45	3.0	-0.03	0.76
H6Z38A	25.4	-0.35	0.49	20.9	-0.45	0.68	20.0	-0.39	1.17	3.8	-0.91	0.06	1.3	-0.95	
J9JG9P	25.5	-0.34	0.32	26.5	0.36	0.74	25.5	0.87	1.08	10.8	1.38	0.40	7.1	2.18	1.36
JKCZPF	26.5	-0.16	0.00	21.9	-0.30	0.00	19.9	-0.42	0.00	7.4	0.26	0.00	5.0	1.02	0.00
L7PA4J	30.9	0.64	0.39	29.5	0.78	0.85	24.9	0.73	0.94	7.2	0.20	0.90	3.5	0.21	1.83
L8H7TC	18.3	-1.66	0.69	21.8	-0.32	1.61	21.3	-0.11	1.63	5.0	-0.51	1.40	2.5	-0.30	1.58
LJARY8	24.9	-0.44	0.11	35.0	1.57	2.62	22.5	0.19	0.16	10.3	1.23	0.06	2.6	-0.24	0.47
M3K2CD	24.0	-0.61	4.50	20.7	-0.47	1.05	20.0	-0.39		6.7	0.03	2.29	4.0	0.50	
NLRTU7	28.6	0.23	0.00	20.6	-0.48	0.00	19.3	-0.55	1.38	5.1	-0.48	0.00	2.5	-0.30	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PFJPGC	32.5	0.94	0.00	30.2	0.88	0.00	30.5	2.04	0.00	10.6	1.30	0.00	2.5	-0.29	0.00	
RN7PNZ	27.4	0.00	0.47	20.9	-0.44	0.42	23.6	0.43	2.05	37.0	9.90X	1.71	3.1	0.00	1.80	
V2WTH2	26.6	-0.15	0.00	20.6	-0.49	0.00	20.1	-0.37	0.00	7.6	0.34	0.00	5.0	1.05	0.00	
VTM2DD	36.4	1.65	0.00	28.2	0.59	0.00	26.2	1.05	0.00	8.4	0.60	0.00	4.3	0.67	0.00	
WD9E68	30.9	0.64	0.39	29.5	0.78	0.85	24.9	0.73	0.94	7.2	0.20	0.90	3.5	0.21	1.83	
WMHKH X	31.7	0.79	1.11	31.3	1.04	1.04	25.2	0.82	1.51	6.0	-0.17	2.71	2.7	-0.20	1.77	
XHF78D	28.0	0.12		24.0	0.00		20.1	-0.37	0.00	4.0	-0.82	0.00	0.1	-1.58	0.00	
ZM2WAQ	26.3	-0.19	0.38	24.0	0.00		19.0	-0.63		1.4	-1.68	0.00	3.1	0.00	0.26	
ZRFFR8	24.0	-0.61		22.0	-0.28		20.0	-0.39		6.0	-0.18		2.0	-0.57		
ZULXP4	39.3	2.19	0.75	36.6	1.80	2.12	33.2	2.66	1.99	36.2	9.65X	3.78	10.5	4.01X	2.97	

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	27.4			24.0			21.7			6.57			3.07			
Median Abs Dev	3.4			3.4			2.1			1.57			0.93			
Avg Within Lab SD	1.5			1.1			1.1			0.50			0.45			
Labs Included	35			36			34			33			33			
Labs Reporting	36			36			36			36			36			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %														
														SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score										
GWFC9D	34.0		1.16	29.8		1.41	23.0		1.41	10.9		1.00	5.9		1.39													
XPXC76	3.2		0.81	3.2		0.00	0.8		0.00	2.0			0.7		0.27													
Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %														
														SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median		18.6			16.5			11.9			6.45			3.30														
Median Abs Dev																												
Avg Within Lab SD		0.1			1.0			0.4			0.27			0.21														
Labs Included		2			2			2			2			2														
Labs Reporting		2			2			2			2			2														



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
GWFC9D	15.1		1.00	11.3		1.00	12.3		1.00	3.6		1.00	2.1		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS2401				SRS2402				SRS2403				SRS2404				SRS2405		
Grand Median	15.1			11.3			12.3			3.58			2.07					
Median Abs Dev	0.6			0.5			0.1			0.54			0.22					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
BLYE38	4.06		0.00	2.84		0.15	0.70		0.00	1.73		0.00	0.55		0.00		
CMMA3L	3.17		0.15	2.91		0.11	0.80		0.05	1.73		0.09	0.60		0.21		
GWFC9D	18.84		1.98	18.46		1.99	10.70		2.00	7.32		1.73	3.87		1.56		
XPXC76	3.23		0.23	3.20		0.00	0.80		0.00	2.00			0.67		1.24		

Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405				
Grand Median	3.65			3.06			0.80			1.87			0.63				
Median Abs Dev																	
Avg Within Lab SD	0.26			0.42			0.24			0.31			0.05				
Labs Included	4			4			4			4			4				
Labs Reporting	4			4			4			4			4				



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
DVWYFJ	630.8	0.58	0.49	564.8	0.59	1.60	340.1	0.40	0.65	681.6	0.55	0.90	538.8	0.99	1.05	
FF9VLK	554.0	-1.68	2.08	476.7	-1.81	1.60	296.7	-1.49	2.55	596.0	-1.85	2.42	485.7	-1.02	1.91	
G67WCP	611.1	0.00	0.32	571.6	0.78	1.01	348.2	0.75	0.11	661.8	0.00	0.26	558.0	1.71	0.27	
JXXFTF	552.8	-1.71	1.37	522.2	-0.57	0.65	304.4	-1.15	0.17	595.4	-1.86	0.46	491.7	-0.79	1.32	
PFJPGC	602.4	-0.26	0.33	542.2	-0.02	0.18	316.6	-0.62	0.12	655.1	-0.19	0.15	512.6	0.00	0.15	
PHP8HT	875.4	7.76X	4.03	861.6	8.70X	0.60	643.6	13.60X	5.55	955.8	8.26X	1.12	814.7	11.39X	1.01	
VTM2DD	611.7	0.02	0.10	543.1	0.00	0.57	330.8	0.00	0.20	662.8	0.03	0.00	515.7	0.12	0.04	
ZULXP4	627.4	0.48	0.57	577.4	0.94	0.31	338.0	0.31	0.02	670.3	0.24	0.10	510.0	-0.10	0.65	

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	611.1			543.1			330.8			661.8			512.6			
Median Abs Dev	16.3			21.7			14.2			8.4			20.9			
Avg Within Lab SD	11.1			8.3			7.9			15.6			20.2			
Labs Included	7			7			7			7			7			
Labs Reporting	8			8			8			8			8			



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
42AU62	79.1		1.32	71.9		1.41	145.5		1.07	16.4		1.38	30.2		1.41
VTM2DD	51.4		0.49	6.3		0.01	68.9		0.92	8.5		0.32	8.1		0.00
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405		
Grand Median	65.3			39.1			107.2			12.5			19.1		
Median Abs Dev															
Avg Within Lab SD	3.6			13.3			5.5			0.5			2.3		
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		
WebCode	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3TN8WU	6.67		1.72	4.33		1.71	11.00		1.73	25.33		1.34	13.67		1.73	
BCAQ6J	5.68		0.03	4.38		0.17	10.16		0.04	19.55		0.33	6.81		0.09	
FBHKCL	3.00			4.00			9.00			18.00			5.00			
MDJ2PH	4.23		0.23	4.07		0.23	8.80		0.02	18.57		1.05	4.40		0.07	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2401			SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	4.96			4.20			9.58			19.1			5.91			
Median Abs Dev																
Avg Within Lab SD	0.67			0.68			4.58			0.4			1.46			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FBHKCL	23.67		0.35	8.00			74.00		0.23	1.00			3.00			
FF9VLK	24.93		1.37	8.73		1.00	21.20		1.40	1.40		1.00	3.10		1.00	
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS2401				SRS2402			SRS2403			SRS2404			SRS2405			
Grand Median	24.3			8.37			47.6			1.20			3.05			
Median Abs Dev																
Avg Within Lab SD	1.7			5.34			16.0			1.18			3.73			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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Dry Matter (%) (SubTestCode 201)													Data units: Percent		
WebCode	SRB2401			SRB2402			SRB2403			SRB2404					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
22Z7Q6	96.6	0.52	0.27	96.1	0.00	1.66	94.2	0.09	1.81	94.3	-0.07	1.34			
3QWB9Z	96.1	-0.21	0.11	96.1	0.04	0.01	94.1	0.01	0.40	95.2	0.57	0.45			
77WJFP	95.2	-1.37		96.7	0.49		95.1	0.97		95.0	0.41				
8DDEWJ	96.3	0.06	0.15	95.6	-0.40	0.21	93.8	-0.36	0.31	93.1	-0.94	0.30			
AFD723	96.7	0.64	0.14	97.0	0.77	0.52	95.1	0.94	0.40	95.8	1.01	0.31			
BCAQ6J	96.2	-0.06	0.10	95.7	-0.31	0.12	93.7	-0.46	0.20	93.9	-0.40	0.29			
BLYE38	95.8	-0.59	3.22	95.5	-0.54	0.42	94.1	0.00	0.63	93.1	-0.99	0.61			
DFWJTV	96.7	0.67	0.00	96.3	0.17	0.00	94.1	-0.03	0.00	94.5	0.07				
DVWYFJ	96.0	-0.32	0.10	96.1	0.01	0.06	93.7	-0.46	0.07	94.2	-0.19	0.09			
FB36JE	95.3	-1.28	0.00	94.6	-1.28	0.37	92.7	-1.41	0.00	92.6	-1.36	0.30			
FBHKCL	96.5	0.39		96.1	-0.01	0.00	94.8	0.69	0.00	95.1	0.49	0.00			
JVUGHM	96.4	0.30	1.28	96.8	0.60	1.78	94.5	0.39	2.56	95.9	1.09	2.51			
L8H7TC	95.3	-1.24	0.67	94.7	-1.22	1.29	93.0	-1.09	0.31	93.3	-0.84	0.80			
M3K2CD	96.3	0.16	0.54	96.6	0.45	2.21	95.0	0.81	1.90	95.0	0.41	1.41			
PHP8HT	94.6	-2.32X	0.81	93.8	-1.94	1.31	92.3	-1.77	0.28	90.5	-2.90X	0.63			
TXURR9	95.3	-1.32	0.37	94.5	-1.33	0.44	93.4	-0.73	0.72	93.7	-0.53	1.14			
UYYPDA	97.4	1.67		98.3	1.91		95.4	1.24		96.3	1.42				

Dry Matter (%) (SubTestCode 201)													Data units: Percent		
	SRB2401			SRB2402			SRB2403			SRB2404					
Grand Median	96.2			96.1			94.1			94.4					
Median Abs Dev	0.4			0.6			0.7			0.7					
Avg Within Lab SD	0.4			0.3			0.2			0.2					
Labs Included	16			17			17			16					
Labs Reporting	17			17			17			17					



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NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	36.3	1.39	0.89	3,474.0	1.44	0.59	904.7	0.52	0.11	3,741.7	0.92	0.28	
2MJBB9				3,230.0	0.82	0.37	914.3	0.61	0.13	3,313.3	0.03	0.07	
3QWB9Z	63.1	3.03	0.41	3,082.3	0.44	0.14	939.0	0.83	0.42	3,363.1	0.13	0.31	
3ZMTL9	9.1	-0.27	0.00	2,819.4	-0.23	0.00	829.8	-0.16	0.00	2,921.3	-0.78	0.00	
42AU62	47.5	2.08	2.81	2,880.0	-0.08	1.16	781.3	-0.60	1.07	3,343.3	0.09	0.55	
7J3C82	10.4	-0.19	0.50	3,369.7	1.17	0.11	966.4	1.08	0.12	3,478.7	0.37	0.46	
7KHVRY	11.7	-0.11	0.84	2,666.7	-0.62	0.13	846.0	-0.01	0.34	2,972.0	-0.68	0.23	
8DDEWJ	14.0	0.03	0.06	152.4	-7.03X	0.01	614.6	-2.11	0.02	171.3	-6.49X	0.01	
AFD723	9.9	-0.22	0.20	3,115.9	0.53	0.06	925.2	0.71	0.02	3,449.1	0.31	0.03	
BYYKRW	13.0	-0.03	0.29	2,116.7	-2.02	1.19	717.3	-1.18	0.45	2,026.7	-2.64	0.81	
ET234V	750.9	44.98X	33.69	3,127.8	0.56	2.92	744.3	-0.93	3.99	3,816.1	1.07	3.66	
FF9VLK	9.7	-0.23	0.73	2,582.7	-0.83	0.73	782.3	-0.59	0.12	2,755.0	-1.13	0.53	
K782FN	22.1	0.53	1.00	2,997.0	0.22	1.85	752.3	-0.86	0.30	3,299.3	0.00	0.90	
M3K2CD	7.8	-0.35	0.30	2,490.3	-1.07	0.40	884.0	0.33	0.10	2,578.0	-1.50	0.81	
MDJ2PH	119.7	6.48X	2.05	2,745.7	-0.42	0.13	848.7	0.01	0.17	3,028.7	-0.56	0.08	
NUMVW G	22.3	0.54	1.47	3,085.7	0.45	0.57	923.0	0.69	0.46	3,332.0	0.07	0.04	
TXURR9				2,684.7	-0.57	0.46	793.7	-0.49	0.18	2,868.3	-0.89	0.60	
ZM2WAQ	21.0	0.46	0.53	2,910.0	0.00	0.74	894.7	0.43	0.11	3,163.3	-0.28	0.33	

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
	SRB2401			SRB2402			SRB2403			SRB2404			
Grand Median	13.5			2,910.0			847.3			3,299.3			
Median Abs Dev	5.0			217.8			66.5			270.7			
Avg Within Lab SD	3.4			93.6			89.7			170.4			
Labs Included	14			17			18			17			
Labs Reporting	16			18			18			18			



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NO3 - N ISE (SubTestCode 203)										Data units: mg/kg
WebCode	SRB2401			SRB2402			SRB2403			SRB2404
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8CZM43	25.3		1.22	2,986.3		1.78	964.3		1.77	3,156.4 1.70
FBHKCL	270.0			5,770.0		0.16	1,303.3		0.35	3,800.0
J9JG9P	146.7		1.20	3,650.0		0.88	1,126.7		0.86	3,466.7 0.30
JVUGHM	20.5		0.25	3,699.3		0.17	1,128.7		0.05	3,349.1 0.03
NO3 - N ISE (SubTestCode 203)										Data units: mg/kg
	SRB2401			SRB2402			SRB2403			SRB2404
Grand Median	86.0			3,674.6			1,127.7			3,407.9
Median Abs Dev										
Avg Within Lab SD	18.8			227.8			81.4			251.9
Labs Included	4			4			4			4
Labs Reporting	4			4			4			4



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NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
77WJFP	28.5		0.08	3,226.6	0.30	0.10	1,022.6	0.20	1.10	3,453.5	0.22	0.14	
DFWJTV				1,928.3	-0.78	0.40	796.7	-0.38	0.34	1,926.7	-0.78	0.41	
DVWYFJ	821.7		2.00	3,158.3	0.24	0.27	1,205.0	0.67	2.02	3,705.0	0.39	0.67	
FB36JE				3,584.3	0.59	0.60	1,131.0	0.48	0.27	4,091.3	0.64	0.13	
FUWZV3	432.4		0.01	571.3	-1.90	0.00	123.8	-2.12	0.00	405.8	-1.79	0.00	
UYYPDA	25.7		0.02	2,579.7	-0.24	2.32	868.3	-0.20	0.71	2,779.7	-0.22	2.31	

NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg	
	SRB2401			SRB2402			SRB2403			SRB2404			
	Grand Median	230.4			2,869.0			945.5			3,116.6		
Median Abs Dev				536.4			167.2			781.6			
Avg Within Lab SD	23.3			102.3			26.2			110.1			
Labs Included	4			6			6			6			
Labs Reporting	4			6			6			6			



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NH4-N (SubTestCode 205)												Data units: mg/kg
WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3ZMTL9	17.6		0.00	114.8	-0.13	0.00	614.0	-0.09		139.6	-0.17	0.00
8DDEWJ				3,323.3	1.24	0.31	1,013.7	0.26	0.05	3,718.3	1.49	0.15
FB36JE				427.7	0.00	0.28	715.7	0.00	0.06	502.0	0.00	0.19
FUWZV3	248.5		0.00	142.5	-0.12	0.00	428.3	-0.25	0.00	221.0	-0.13	0.00
PHP8HT	17,706.6		1.73	4,801.8	1.87	2.20	3,901.5	2.77	2.00	3,901.5	1.58	2.22
NH4-N (SubTestCode 205)												Data units: mg/kg
	SRB2401			SRB2402			SRB2403			SRB2404		
Grand Median	248.5			427.7			715.7			502.0		
Median Abs Dev				312.9			287.4			362.4		
Avg Within Lab SD	541.0			118.3			130.1			116.9		
Labs Included	3			5			5			5		
Labs Reporting	3			5			5			5		



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PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	202.0	-0.27	0.24	1,684.7	-0.90	1.14	2,706.7	-0.31	0.57	2,035.3	-0.83	0.99	
42AU62	266.3	0.75	1.02	1,810.0	0.09	1.60	2,636.7	-0.55	2.60	2,263.3	0.39	0.71	
7KHVRY	165.7	-0.85	0.62	1,786.3	-0.09	0.19	2,882.7	0.29	0.05	2,156.3	-0.18	0.09	
ET234V	456.2	3.78X	1.20	2,394.3	4.73X	2.73	4,161.0	4.68X	0.75	3,103.8	4.89X	2.80	
FBHKCL	239.7	0.33	0.18	1,654.9	-1.14	0.19	2,562.5	-0.81	0.07	2,068.7	-0.65	0.11	
FF9VLK	219.0	0.00	0.45	1,739.7	-0.46	1.06	2,408.7	-1.34	1.50	1,955.7	-1.26	0.81	
J9JG9P	153.3	-1.05	2.49	1,570.0	-1.81	0.31	2,713.3	-0.29	0.24	1,983.3	-1.11	0.78	
K782FN	373.3	2.46	0.75	1,821.7	0.19	1.80	3,025.3	0.78	0.23	2,275.3	0.45	2.09	
M3K2CD	270.0	0.81	0.74	1,878.0	0.63	1.16	3,032.0	0.80	0.67	2,224.7	0.18	1.33	
NUMVW G	219.3	0.00	0.59	1,867.7	0.55	0.42	2,959.3	0.55	0.24	2,236.3	0.25	0.40	
PHP8HT	205.4	-0.22	0.79	1,908.7	0.88	0.31	3,094.2	1.02	0.25	2,459.0	1.44	0.95	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	219.2	1,798.2	2,798.0	2,190.5		
Median Abs Dev	33.9	74.7	194.3	103.3		
Avg Within Lab SD	18.1	55.4	146.2	53.2		
Labs Included	10	10	10	10		
Labs Reporting	11	11	11	11		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
FBHKCL	100.5		0.10	4,824.1		0.32	878.1		0.24	1,846.0	0.07
JVUGHM	83.1		0.25	4,623.3		0.02	837.8		0.14	1,676.6	0.11
M3K2CD				4,885.3		1.54	903.7		0.58	1,663.0	0.24
TXURR9	192.0		1.71	10,197.0		1.24	2,099.0		1.90	4,587.7	1.98
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB2401			SRB2402			SRB2403			SRB2404	
Grand Median	100.5			4,854.7			890.9			1,761.3	
Median Abs Dev											
Avg Within Lab SD	10.6			139.5			48.9			142.5	
Labs Included	3			4			4			4	
Labs Reporting	3			4			4			4	



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CI (SubTestCode 208)

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.01	-3.68X	0.54	0.27	-6.56X	0.23	0.06	-3.64X	0.00	0.19	-5.53X	0.14
2MJBB9	0.11	0.13	0.00	2.29	-0.39	0.02	0.40	-0.15	0.00	1.31	-0.54	0.00
42AU62	0.24	5.25X	22.59	3.03	1.90	3.95	0.80	3.95X	22.40	2.07	2.84	4.20
77WJFP	0.11	0.01	0.16	2.54	0.38	0.05	0.42	0.04	0.61	1.50	0.30	0.10
7J3C82	0.11	0.30	0.14	5.04	8.02X	0.06	0.69	2.87	0.12	3.15	7.65X	0.14
7KHVRY	0.15	1.60	0.91	2.27	-0.44	0.08	0.45	0.35	0.65	1.38	-0.24	0.06
8DDEWJ	0.09	-0.59	0.05	2.35	-0.19	0.04	0.40	-0.19	0.04	1.43	0.00	0.04
DFWJTV	0.08	-0.92	0.54	2.40	-0.04	0.00	0.40	-0.15	0.00	1.41	-0.11	0.03
DVWYFJ	0.08	-0.92	0.54	2.54	0.38	1.05	0.37	-0.50	0.75	1.44	0.04	0.23
FB36JE	0.04	-2.65	0.44	0.55	-5.71	0.20	0.12	-3.05	1.21	0.49	-4.19	0.07
FBHKCL	0.15	1.64	0.00	2.63	0.65	0.07	0.51	1.02	0.24	1.68	1.09	0.04
FTHDKE	0.13	1.04	1.01	2.21	-0.62	0.59	0.47	0.60	2.26	1.35	-0.37	0.14
FUWZV3	0.06	-1.67	0.05				0.30	-1.20	0.07			
FWHLNP				2.46	0.15	0.06	0.41	-0.07	0.04	1.47	0.17	0.00
J9JG9P	0.11	0.00	1.94	2.53	0.35	0.30	0.44	0.26	1.71	1.51	0.37	0.16
K2EYDA	0.11	0.00	0.54	2.40	-0.03	0.02	0.39	-0.22	0.37	1.41	-0.08	0.03
K782FN	0.10	-0.26	0.00	2.64	0.69	0.14	0.54	1.25	0.75	1.78	1.56	0.21
M3K2CD	0.12	0.39	1.08	2.41	0.00	0.66	0.41	-0.02	0.75	1.41	-0.08	0.39
NUMVW G	0.11	0.13	0.00	2.32	-0.29	0.17	0.42	0.02	0.99	1.40	-0.14	0.05
TXURR9	0.11	0.00	1.08	2.34	-0.22	0.07	0.46	0.46	0.65	1.40	-0.12	0.13
UYYPDA	0.10	-0.13	3.00	2.47	0.18	0.55	0.49	0.77	2.33	1.50	0.29	0.21
ZRFFR8	0.10	-0.42		2.48	0.22		0.39	-0.31		1.50	0.29	



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CI (SubTestCode 208)	SRB2401	SRB2402	SRB2403	SRB2404	Data units: Percent
Grand Median	0.11	2.41	0.42	1.43	
Median Abs Dev	0.01	0.11	0.03	0.07	
Avg Within Lab SD	0.01	0.26	0.02	0.19	
Labs Included	19	19	20	19	
Labs Reporting	21	21	22	21	



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TKN (SubTestCode 209)												Data units: Percent		
WebCode	SRB2401			SRB2402			SRB2403			SRB2404				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
42AU62	0.14	0.66	1.38	2.49	-1.22	3.22	0.99	0.56	2.69	3.12	-0.58	1.62		
8DDEWJ	0.08	-0.52	0.07	2.82	0.31	0.29	1.01	0.72	0.31	3.57	0.59	0.47		
BLYE38	0.17	1.16	0.00	2.65	-0.49	0.24	0.91	-0.18	0.51	3.06	-0.75	0.89		
BURRXZ	0.06	-0.83	0.73	2.84	0.39	0.16	0.93	0.00	0.30	3.46	0.29	0.39		
ET234V	0.11	0.00	0.57	2.78	0.12	0.11	0.93	-0.04	0.06	3.35	0.00	0.04		
FBHKCL	0.13	0.47	0.59	3.03	1.31	0.26	1.37	3.88	0.32	3.80	1.19	0.55		
G8YTZJ	0.13	0.48	2.76	2.30	-2.10	0.00	0.93	0.03	1.71	2.53	-2.11	1.46		
JXXFTF	0.09	-0.28	0.11	2.75	0.00	0.58	0.91	-0.18	0.15	3.35	0.00	2.02		
K2EYDA	0.09	-0.35	0.06	2.58	-0.79	0.01	0.89	-0.33	0.02	3.12	-0.60	0.01		
L8H7TC	0.24	2.55	0.26	2.75	0.00	0.26	0.76	-1.48	0.39	3.65	0.80	0.64		
PHP8HT	0.76	12.12X	0.97	15.77	60.55X	0.55	5.72	42.05X	1.20	19.48	41.87X	2.84		
ZM2WAQ	0.10	-0.12	0.44	2.61	-0.66	0.10	0.93	0.03	0.35	3.14	-0.52	0.53		

TKN (SubTestCode 209)					Data units: Percent			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	0.11		2.75		0.93		3.35	
Median Abs Dev	0.03		0.11		0.02		0.23	
Avg Within Lab SD	0.02		0.10		0.03		0.04	
Labs Included	11		11		11		11	
Labs Reporting	12		12		12		12	



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.12	0.12	0.89	2.97	1.45	0.74	1.03	0.56	0.90	3.65	1.92	1.04
2MJBB9	0.12	0.05	0.29	2.82	-0.16	0.13	1.00	0.23	0.65	3.42	0.01	0.32
3QWB9Z	0.02	-1.62	0.16	2.79	-0.40	0.12	0.91	-0.99	0.32	3.37	-0.39	0.44
3WNHQ9	0.21	1.66	0.50	2.92	0.93	0.35	1.07	1.15	0.33	3.48	0.54	0.28
3ZMTL9	0.11	0.00	0.00	2.84	0.11	0.00	0.97	-0.16	0.00	3.41	-0.04	0.00
44GAC8	0.10	-0.18	0.77	2.86	0.25	0.13	0.99	0.00	0.71	3.43	0.12	0.74
77WJFP	0.14	0.51	0.05	2.83	-0.01	0.35	0.95	-0.43	0.09	3.46	0.36	0.35
7J3C82	0.11	-0.07	0.50	2.81	-0.22	0.23	1.00	0.18	0.56	3.42	0.04	0.56
7KHVRY	0.14	0.53	0.23	2.98	1.54	0.48	1.06	0.98	1.23	3.61	1.59	0.32
8CZM43	0.09	-0.40	0.26	2.85	0.23	0.52	0.96	-0.41	0.43	3.42	0.07	0.13
8DDEWJ	0.10	-0.30	0.29	2.84	0.12	0.13	0.97	-0.17	0.16	3.41	-0.01	0.32
AFD723	0.07	-0.80	0.23	2.68	-1.51	0.29	0.90	-1.11	0.07	3.26	-1.28	0.51
BCAQ6J	0.12	0.08	0.09	2.87	0.39	0.17	1.00	0.24	0.12	3.46	0.41	0.13
BLYE38	0.12	0.16	0.29	1.16	-17.02X	0.46	0.38	-8.00X	0.16	1.66	-14.61X	0.70
BYYKRW	0.17	1.03	1.27	3.12	2.93	1.52	1.14	1.99	0.33	3.76	2.87	1.95
DFWJTV	0.05	-1.17	0.58	2.84	0.08	0.40	0.95	-0.48	0.00	3.41	-0.01	0.43
DVWYFJ	0.00	-1.96	0.00	2.64	-1.99	0.13	0.80	-2.52	0.16	3.22	-1.62	0.28
FB36JE				2.86	0.25	0.13	0.93	-0.70	0.16	3.45	0.32	0.16
FBHKCL	0.10	-0.17	0.03	2.96	1.28	0.04	1.05	0.88	0.06	3.63	1.75	0.28
FF9VLK	0.10	-0.24	1.20	2.84	0.12	0.35	0.99	0.02	0.41	3.44	0.24	0.90
FTHDKE	0.09	-0.37	0.17	2.76	-0.72	1.18	1.00	0.23	3.02	3.34	-0.66	0.49
FWHLNP	0.06	-1.02	0.15	2.72	-1.14	0.46	0.91	-0.97	0.37	3.32	-0.79	0.28
FXAHDJ				2.83	-0.05	0.58	0.99	0.00	0.27	3.47	0.43	1.06
J9JG9P	0.13	0.34	0.29	2.79	-0.39	0.58	0.98	-0.13	0.33	3.37	-0.40	0.58
JVUGHM	0.23	1.93	0.25	2.75	-0.83	1.36	1.03	0.56	1.62	3.30	-0.97	1.77
JXXFTF	0.26	2.51	0.29	2.88	0.45	2.20	1.09	1.32	0.90	3.32	-0.79	1.59



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
K2EYDA	0.19	1.29	0.10	2.87	0.35	0.13	1.05	0.84	0.28	3.45	0.29	0.00		
K782FN	0.18	1.20	3.85	2.80	-0.36	4.30	1.08	1.20	3.24	3.34	-0.65	4.04		
M3K2CD	0.14	0.45	0.00	2.83	0.01	0.94	1.02	0.49	0.33	3.45	0.29	0.00		
MDJ2PH	0.15	0.62	0.50	2.86	0.28	0.70	1.03	0.58	0.28	3.39	-0.24	0.58		
NUMVW G	0.12	0.04	0.30	2.76	-0.70	0.48	0.95	-0.50	0.21	3.33	-0.73	0.32		
QFZ6AK	0.09	-0.41	0.79	2.86	0.30	0.25	0.98	-0.11	0.59	3.43	0.12	0.38		
RN7PNZ	0.11	-0.07	0.50	2.83	-0.05	0.13	0.98	-0.04	0.43	3.40	-0.12	0.97		
TXURR9	0.13	0.22	1.54	2.74	-0.94	0.61	0.88	-1.37	1.17	3.25	-1.40	1.13		
UKYQQD	0.18	1.14	2.63	2.90	0.66	0.97	1.03	0.53	1.08	3.46	0.40	0.58		
UYYPDA	0.10	-0.18	1.27	2.83	-0.02	1.39	0.99	0.09	2.28	3.49	0.62	1.48		
WMHKH X	0.09	-0.38	0.03	2.79	-0.44	1.20	0.93	-0.71	0.05	3.40	-0.11	0.85		
XHF78D	0.10	-0.31	0.25	3.07	2.39	0.07	1.04	0.70	1.82	3.69	2.31	0.21		
XKMN79	3.44	57.66X	3.84	1.62	-12.35X	2.00	2.48	19.88X	1.38	2.40	-8.47X	4.76		
Y4V33U	0.04	-1.22	1.62	2.79	-0.46	1.05	0.90	-1.19	0.43	3.39	-0.21	0.74		
YUQVMU	0.20	1.49	0.00	2.71	-1.21	0.82	0.91	-1.06	0.33	3.29	-1.01	0.98		
ZRFFR8	0.11	-0.07	1.82	2.71	-1.25	0.47	0.90	-1.14	0.28	3.32	-0.83	0.84		

N- Dry Comb. (SubTestCode 210)					Data units: Percent			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	0.11		2.83		0.99		3.42	
Median Abs Dev	0.02		0.04		0.04		0.05	
Avg Within Lab SD	0.02		0.04		0.04		0.04	
Labs Included	39		40		40		40	
Labs Reporting	40		42		42		42	



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2MJBB9	0.02		0.00	0.62		0.47	0.13		0.00	0.35	0.95
74RQNC	0.02		0.00	0.61		0.81	0.12		1.63	0.34	0.95
AFD723	0.05		1.73	0.65		1.46	0.15		0.59	0.38	1.08
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
	SRB2401			SRB2402			SRB2403			SRB2404	
Grand Median	0.020			0.62			0.13			0.35	
Median Abs Dev											
Avg Within Lab SD	0.000			0.01			0.00			0.01	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.04	1.16	0.55	0.34	0.90	0.43	0.42	1.11	0.17	0.44	1.50	0.43
3QWB9Z	0.04	0.31	0.21	0.33	0.63	0.19	0.42	1.16	0.82	0.43	0.88	1.72
3WNHQ9	0.03	-0.29	0.00	0.30	-0.80	0.24	0.38	-0.37	0.05	0.39	-0.48	0.24
3ZMTL9	0.03	-0.29	0.00	0.31	-0.08	0.00	0.39	0.03	0.00	0.41	0.12	0.00
42AU62	0.04	1.01	0.00	0.30	-0.78	3.17	0.38	-0.22	1.27	0.41	0.23	1.57
44GAC8	0.04	0.29	2.08	0.32	0.02	0.52	0.39	0.16	0.96	0.40	-0.27	1.05
77WJFP	0.04	0.23	0.11	0.33	0.68	0.10	0.41	0.91	0.47	0.43	0.99	0.45
7AVUCP	0.04	0.33	0.33	0.33	0.72	0.16	0.41	0.76	0.17	0.40	0.02	0.38
7J3C82	0.03	-0.43	2.08	0.32	0.02	0.52	0.39	0.16	0.48	0.41	0.23	0.91
7KHVRY	0.04	1.81	0.21	0.32	0.33	0.19	0.39	-0.01	0.14	0.41	0.34	0.09
8CZM43	0.03	-1.20	2.66	0.31	-0.37	1.96	0.38	-0.42	1.40	0.40	-0.09	2.01
8DDEWJ	0.04	0.04	0.04	0.32	-0.02	0.26	0.41	0.67	0.26	0.43	0.92	0.18
AFD723	0.04	0.22	0.38	0.30	-0.68	1.18	0.41	0.87	1.41	0.40	-0.08	1.48
BCAQ6J	0.04	0.21	0.43	0.30	-0.73	0.30	0.36	-1.06	0.30	0.39	-0.63	0.22
BLYE38	0.03	-0.69	0.26	0.30	-0.65	0.21	0.38	-0.45	0.13	0.39	-0.41	0.56
BURRXZ	0.03	-0.43	2.08	0.29	-1.18	0.52	0.36	-1.24	0.48	0.37	-1.26	0.00
BYYKRW	0.04	1.01	0.00	0.32	0.16	0.90	0.37	-0.86	2.54	0.43	0.85	1.39
DFWJTV	0.04	1.01	0.00	0.32	0.02	0.52	0.40	0.41	0.00	0.41	0.11	0.52
DVWYFJ	0.03	-1.16	0.00	0.33	0.69	0.52	0.40	0.54	0.48	0.40	-0.02	0.52
ET234V	0.05	3.48X	5.15	0.52	7.99X	5.47	0.72	12.59X	2.27	0.86	16.82X	9.69
FB36JE	0.04	-0.07	0.36	0.37	2.15	1.02	0.43	1.58	1.55	0.47	2.49	0.45
FBHKCL	0.03	-0.81	0.15	0.30	-0.68	0.13	0.39	0.01	0.46	0.40	-0.31	0.14
FF9VLK	0.03	-0.87	0.21	0.30	-0.67	1.35	0.38	-0.46	0.75	0.39	-0.55	0.47
FTHDKE	0.04	0.17	0.13	0.33	0.42	0.28	0.41	0.75	0.29	0.43	1.04	0.65
FWHLNP	0.03	-0.22	0.21	0.29	-0.98	0.45	0.38	-0.50	0.14	0.39	-0.51	0.09
FXAHDJ	0.04	0.36	0.36	0.31	-0.16	0.09	0.39	0.04	0.27	0.40	-0.27	0.28



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
G8YTZJ	0.03	-1.08	0.21	0.32	0.24	0.09	0.38	-0.34	0.05	0.40	0.02	0.46	
JXXFTF	0.03	-0.65	0.10	0.31	-0.27	0.20	0.38	-0.23	0.39	0.39	-0.56	0.38	
K2EYDA	0.04	0.88	0.19	0.38	2.45	0.33	0.48	3.62X	0.53	0.51	3.84X	1.14	
K2WQPF	0.03	-0.49	0.22	0.32	0.17	0.59	0.39	0.01	1.22	0.42	0.56	0.79	
K782FN	0.04	0.87	0.42	0.37	2.11	1.26	0.44	1.80	0.10	0.44	1.34	2.53	
L8H7TC	0.04	0.00	0.55	0.28	-1.48	1.18	0.38	-0.54	1.04	0.38	-1.01	0.46	
M3K2CD	0.03	-1.88	2.08	0.30	-0.51	2.75	0.35	-1.49	1.67	0.36	-1.50	1.05	
MDJ2PH	0.04	1.01	3.60	0.34	0.96	2.39	0.39	0.16	1.27	0.43	1.09	1.39	
NUMVW G	0.04	1.01	0.00	0.33	0.56	0.90	0.42	1.05	1.27	0.43	1.09	1.39	
PHP8HT	0.03	-0.65	0.67	0.38	2.52	0.60	0.45	2.34	1.74	0.46	2.24	0.20	
QFZ6AK	0.03	-0.80	0.55	0.31	-0.43	0.28	0.38	-0.46	0.96	0.40	-0.25	0.57	
QHL8TD	0.03	-0.43	2.08	0.21	-4.11X	1.88	0.33	-2.13	2.10	0.30	-3.73X	2.78	
UKYQQD	0.03	-0.81	0.43	0.29	-0.88	0.18	0.36	-1.27	0.29	0.38	-1.04	0.42	
UYYPDA	0.03	-1.16	0.00	0.30	-0.51	1.38	0.39	-0.10	2.10	0.38	-0.76	2.10	
WMHKH X	0.04	0.67	0.51	0.33	0.36	1.33	0.41	0.94	1.93	0.42	0.77	2.32	
XHF78D	0.03	-1.01	0.08	0.32	0.09	0.20	0.39	-0.08	0.54	0.41	0.16	0.17	
XKMN79	0.58	119.02X	10.62	0.10	-8.66X	0.85	0.17	-8.47X	0.33	0.39	-0.53	0.52	
Y4V33U	0.03	-1.16	0.00	0.33	0.42	1.04	0.39	0.03	0.00	0.42	0.48	1.05	
YUQVMU	0.04	1.01	0.00	0.30	-0.64	0.00	0.36	-1.11	0.00	0.38	-0.88	0.00	
ZM2WAQ	0.04	0.00	0.21	0.31	-0.24	0.00	0.38	-0.35	0.00	0.39	-0.51	0.91	
ZRFFR8	0.04	0.14	0.36	0.31	-0.30	0.05	0.38	-0.51	0.51	0.40	-0.29	0.94	



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

	SRB2401	SRB2402	SRB2403	SRB2404
Grand Median	0.035	0.32	0.39	0.40
Median Abs Dev	0.003	0.01	0.01	0.01
Avg Within Lab SD	0.003	0.01	0.01	0.01
Labs Included	45	44	44	44
Labs Reporting	47	47	47	47



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.19	0.79	0.41	6.21	-0.47	1.21	2.37	-0.22	1.53	3.79	-0.03	1.71
3QWB9Z	0.18	0.70	0.01	7.43	1.70	0.62	2.57	1.10	0.78	3.96	0.72	1.38
3WNHQ9	0.16	-0.26	0.00	6.47	0.00	0.30	2.41	0.04	0.16	3.76	-0.13	0.11
3ZMTL9	0.17	0.13	0.00	6.61	0.25	0.00	2.47	0.42	0.00	3.92	0.57	0.00
42AU62	0.20	1.19	1.49	5.96	-0.91	3.06	2.45	0.26	1.73	3.88	0.39	1.17
44GAC8	0.19	1.06	0.41	6.33	-0.26	0.39	2.34	-0.42	0.32	3.80	0.03	0.42
77WJFP	0.17	0.12	0.11	6.51	0.07	0.29	2.47	0.40	0.32	4.01	0.95	0.47
7AVUCP	0.19	0.75	0.29	7.00	0.94	0.11	2.52	0.72	0.32	3.77	-0.09	0.50
7J3C82	0.19	0.79	0.41	6.77	0.54	0.10	2.52	0.74	0.28	3.86	0.30	0.09
7KHVRY	0.25	3.13X	0.90	6.64	0.31	0.13	2.45	0.28	0.42	4.00	0.93	0.05
8CZM43	0.16	-0.26	0.67	6.45	-0.04	0.96	2.37	-0.23	0.75	3.71	-0.36	0.68
8DDEWJ	0.17	0.15	0.04	6.58	0.20	0.30	2.50	0.59	0.18	4.01	0.95	0.11
AFD723	0.15	-0.72	0.07	6.33	-0.25	0.23	2.32	-0.58	0.41	3.67	-0.57	0.09
BCAQ6J	0.14	-1.25	0.95	6.32	-0.27	0.26	2.28	-0.84	0.20	3.85	0.27	0.13
BLYE38	0.17	0.10	0.12	6.37	-0.18	0.13	2.29	-0.74	0.17	3.65	-0.64	0.18
BURRXZ	0.17	0.00	0.41	6.90	0.77	0.13	2.41	0.00	0.21	3.86	0.28	0.05
BYYKRW	0.19	1.06	1.49	7.61	2.02	0.71	2.53	0.79	3.05	4.68	3.93X	0.76
DFWJTV	0.16	-0.13	0.41	6.47	0.01	0.13	2.40	-0.07	0.21	3.74	-0.22	0.61
DVWYFJ	0.18	0.40	0.41	7.32	1.51	0.65	2.59	1.20	0.50	3.94	0.64	0.92
ET234V	0.22	2.21	4.89	5.99	-0.86	2.39	2.72	2.09	0.89	3.76	-0.15	2.70
FB36JE	0.17	0.13	0.00	7.26	1.41	0.23	2.58	1.16	0.64	4.03	1.05	0.32
FBHKCL	0.13	-1.56	0.06	6.31	-0.28	0.18	2.37	-0.25	0.70	3.73	-0.28	0.19
FF9VLK	0.16	-0.11	0.88	6.56	0.16	0.41	2.33	-0.50	0.42	3.83	0.16	1.85
FTHDKE	0.16	-0.13	0.16	6.86	0.70	0.54	2.45	0.31	0.44	3.87	0.32	0.14
FWHLNP	0.17	0.00	0.32	5.58	-1.59	0.29	2.29	-0.74	0.08	3.58	-0.96	0.14
FXAHDJ	0.15	-0.82	0.50	6.43	-0.07	0.13	2.41	0.02	0.28	3.72	-0.31	0.11



ALP Program - Participant Web Summary Report - Cycle 53 - Spring 2024

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
G8YTZJ	0.11	-2.45	0.07	6.64	0.30	0.26	2.15	-1.67	0.32	3.62	-0.79	0.29
JXXFTF	0.16	-0.16	0.13	6.48	0.02	0.09	2.34	-0.43	0.33	3.67	-0.55	0.67
K2EYDA	0.16	-0.19	0.12	6.73	0.47	0.05	2.53	0.82	0.26	3.98	0.85	0.48
K2WQPF	0.17	-0.07	0.29	6.82	0.62	1.24	2.41	0.00	1.18	3.93	0.61	0.64
K782FN	0.21	1.84	1.26	7.88	2.52	2.16	2.77	2.36	1.28	4.20	1.81	2.82
L8H7TC	0.18	0.34	0.36	5.72	-1.33	1.46	2.42	0.09	1.41	3.71	-0.36	1.80
M3K2CD	0.15	-0.53	0.41	6.23	-0.43	1.12	2.27	-0.90	1.80	3.53	-1.16	1.01
MDJ2PH	0.18	0.53	0.71	6.07	-0.72	0.64	2.30	-0.70	1.38	3.70	-0.42	0.92
NUMVW G	0.11	-2.38	0.82	6.38	-0.15	0.82	2.49	0.57	0.52	4.11	1.39	0.29
PHP8HT	0.15	-0.77	0.08	6.15	-0.57	3.21	2.34	-0.46	2.27	3.87	0.35	0.54
QFZ6AK	0.14	-0.98	0.50	6.04	-0.77	0.37	2.35	-0.40	1.05	3.86	0.28	1.06
QHL8TD	0.16	-0.26	0.71	4.15	-4.13X	0.87	1.94	-3.08X	1.39	2.77	-4.54X	1.49
UKYQQD	0.15	-0.77	0.03	6.22	-0.45	0.11	2.15	-1.71	0.38	3.44	-1.55	0.15
UYYPDA	0.13	-1.32	2.70	5.81	-1.17	0.90	2.21	-1.31	1.39	3.43	-1.63	1.63
WMHKH X	0.16	-0.38	0.69	6.63	0.29	1.28	2.38	-0.18	1.33	3.72	-0.32	1.07
XHF78D	0.18	0.54	0.23	7.35	1.57	0.50	2.63	1.49	0.14	4.34	2.41	0.13
XKMN79	5.56	214.45X	27.89	1.71	-8.48X	1.48	1.50	-5.98X	5.33	7.58	16.82X	2.87
Y4V33U	0.17	0.13	0.71	6.45	-0.04	0.69	2.39	-0.11	0.37	3.81	0.09	1.09
YUQVMU	0.20	1.32	0.00	6.45	-0.04	0.21	2.30	-0.70	0.00	3.70	-0.42	0.00
ZM2WAQ	0.18	0.40	0.82	6.60	0.23	0.42	2.43	0.17	0.80	3.77	-0.12	1.06
ZRFFR8	0.16	-0.12	0.08	4.83	-2.92	0.56	2.17	-1.57	2.05	3.06	-3.28	1.61



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2401	SRB2402	SRB2403	SRB2404
Grand Median	0.17	6.47	2.41	3.79
Median Abs Dev	0.01	0.25	0.09	0.09
Avg Within Lab SD	0.01	0.24	0.07	0.11
Labs Included	45	45	45	44
Labs Reporting	47	47	47	47



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.12	5.45X	2.01	1.75	0.87	1.17	1.65	0.99	1.23	1.09	1.88	1.26
3QWB9Z	0.03	0.14	0.19	1.70	0.55	0.14	1.65	1.01	0.62	0.98	0.55	1.32
3ZMTL9	0.03	-0.07	0.00	1.63	0.02	0.00	1.53	0.05	0.00	0.94	0.13	0.00
42AU62	0.09	3.75	3.15	1.60	-0.17	3.12	1.57	0.35	0.78	1.00	0.85	0.85
44GAC8	0.15	7.36X	2.10	1.57	-0.43	0.37	1.46	-0.54	0.92	0.94	0.09	0.37
77WJFP	0.04	0.27	0.08	1.72	0.64	0.10	1.63	0.90	0.41	0.97	0.50	0.26
7AVUCP	0.03	0.00	0.14	1.69	0.46	0.35	1.59	0.56	0.62	0.93	-0.01	0.81
7J3C82	0.04	0.57	1.82	1.66	0.26	0.27	1.59	0.54	0.34	0.98	0.61	0.32
7KHVRY	0.02	-0.56	0.10	1.62	-0.05	0.30	1.51	-0.13	0.22	0.95	0.22	0.21
8CZM43	0.06	1.78	2.31	1.58	-0.37	1.12	1.47	-0.45	0.33	0.88	-0.62	1.25
8DDEWJ	0.03	0.00	0.05	1.61	-0.11	0.25	1.58	0.42	0.23	0.96	0.37	0.56
AFD723	0.04	0.65	0.48	1.99	2.61	0.75	1.96	3.50X	0.64	1.12	2.28	0.73
BCAQ6J	0.03	-0.17	0.27	1.58	-0.31	0.12	1.45	-0.56	0.24	0.91	-0.26	0.18
BLYE38	0.03	0.00	0.84	1.33	-2.18	0.18	1.18	-2.79X	0.50	0.62	-3.78X	0.08
BURRXZ	0.06	1.90	0.18	1.63	0.00	0.32	1.55	0.22	0.15	0.95	0.25	0.08
BYYKRW	0.06	1.84	0.00	1.81	1.32	0.63	1.54	0.16	2.53	1.06	1.62	0.98
DFWJTV	0.03	-0.07	0.00	1.44	-1.37	0.27	1.39	-1.08	0.19	0.82	-1.32	0.85
DVWYFJ	0.01	-1.35	0.00	1.85	1.64	1.03	1.69	1.34	0.19	0.98	0.61	0.64
ET234V	0.01	-1.24	1.89	1.76	0.97	0.72	1.66	1.09	0.72	1.01	0.93	1.34
FB36JE				1.78	1.08	0.41	1.59	0.54	0.89	0.96	0.41	0.19
FBHKCL	0.03	-0.37	0.03	1.54	-0.60	0.14	1.48	-0.32	0.45	0.89	-0.51	0.18
FF9VLK	0.03	-0.01	0.66	1.52	-0.75	0.97	1.44	-0.67	1.27	0.89	-0.53	0.65
FTHDKE	0.03	0.15	0.22	1.75	0.88	0.97	1.54	0.11	0.33	0.95	0.31	0.45
FWHLNP	0.04	0.76	0.18	1.47	-1.15	0.20	1.41	-0.91	0.19	0.87	-0.66	0.19
FXAHDJ				1.60	-0.19	0.18	1.51	-0.11	0.51	0.90	-0.34	0.21
G8YTZJ	0.02	-0.50	0.10	1.57	-0.40	0.17	1.43	-0.74	0.15	0.87	-0.66	0.44



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	0.04	0.81	0.45	1.56	-0.45	0.18	1.46	-0.51	0.38	0.88	-0.60	0.14	
K2EYDA	0.03	0.09	0.41	1.74	0.81	0.32	1.70	1.40	0.17	1.04	1.29	0.33	
K2WQPF	0.03	-0.24	0.20	1.63	0.05	0.10	1.51	-0.13	0.92	0.91	-0.29	0.59	
K782FN	0.04	0.67	1.32	1.96	2.41	1.67	1.81	2.31	0.39	1.11	2.18	2.75	
L8H7TC	0.10	4.41	1.64	1.52	-0.79	0.97	1.61	0.73	2.04	0.93	0.01	0.64	
M3K2CD	0.03	-0.07	0.00	1.65	0.14	1.63	1.49	-0.30	1.40	0.88	-0.55	0.67	
MDJ2PH	0.04	0.57	1.82	1.46	-1.18	0.44	1.52	0.00	0.59	0.87	-0.75	0.49	
NUMVW G	0.06	1.63	2.10	1.71	0.63	0.83	1.61	0.67	0.62	1.00	0.89	1.30	
PHP8HT	0.02	-0.53	0.07	1.72	0.66	1.68	1.31	-1.76	2.53	0.77	-1.90	0.56	
QFZ6AK	0.03	-0.09	0.10	1.64	0.08	0.11	1.50	-0.18	0.76	0.91	-0.21	0.73	
QHL8TD	0.03	-0.07	0.00	1.02	-4.35X	0.71	1.20	-2.64	0.92	0.66	-3.20X	1.52	
UKYQQD	0.03	-0.14	0.14	1.49	-0.96	0.04	1.36	-1.35	0.07	0.83	-1.16	0.11	
UYYPDA	0.04	0.57	1.82	1.58	-0.34	3.05	1.49	-0.27	2.42	0.92	-0.11	3.36	
WMHKH X	0.03	-0.15	0.19	1.65	0.14	2.09	1.54	0.13	2.04	0.90	-0.37	2.23	
XHF78D	0.02	-0.46	0.28	1.58	-0.30	0.25	1.45	-0.60	0.42	0.91	-0.18	0.39	
XKMN79	1.73	108.33X	15.27	3.66	14.64X	4.72	1.66	1.11	1.25	1.60	8.04X	1.70	
Y4V33U	0.03	-0.07	0.00	1.63	0.00	0.37	1.53	0.03	0.11	0.94	0.17	0.19	
ZM2WAQ	0.03	0.16	0.38	1.63	0.05	1.01	1.50	-0.19		0.92	-0.15	1.13	
ZRFFR8	0.03	-0.11	0.28	1.53	-0.67	0.20	1.41	-0.88	0.06	0.85	-1.00	0.34	

Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2401		SRB2402		SRB2403	SRB2404
Grand Median	0.031		1.63		1.52	0.93
Median Abs Dev	0.005		0.08		0.07	0.04
Avg Within Lab SD	0.006		0.06		0.05	0.03
Labs Included	40		43		43	42
Labs Reporting	43		45		45	45



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.04	3.55	1.54	0.35	1.62	1.72	0.58	1.18	1.86	0.77	1.40	1.94
3QWB9Z	0.01	-2.22	0.17	0.33	0.67	0.14	0.57	1.06	0.65	0.73	0.85	1.33
3ZMTL9	0.02	0.00	0.00	0.31	-0.01	0.00	0.53	0.18	0.00	0.71	0.42	0.00
42AU62	0.03	2.19	2.52	0.33	0.53	3.23	0.55	0.63	1.54	0.74	0.96	1.28
44GAC8	0.02	0.55	2.52	0.30	-0.39	1.40	0.50	-0.56	1.28	0.68	-0.06	0.97
77WJFP	0.02	-0.17	0.02	0.30	-0.60	0.10	0.52	-0.09	0.38	0.68	-0.02	0.32
7AVUCP	0.02	-0.15	0.23	0.31	-0.05	0.09	0.52	0.00	0.94	0.67	-0.16	0.49
7J3C82	0.02	0.55	2.52	0.31	0.00	0.53	0.55	0.63	0.35	0.72	0.62	0.48
7KHVRY	0.02	-0.27	0.25	0.33	0.50	0.16	0.53	0.21	0.09	0.72	0.69	0.15
8CZM43	0.03	1.66	1.84	0.32	0.35	1.20	0.53	0.09	0.92	0.68	-0.01	0.78
8DDEWJ	0.02	-0.21	0.04	0.31	-0.15	0.18	0.54	0.25	0.24	0.72	0.58	0.26
AFD723	0.02	0.68	0.16	0.36	1.98	0.15	0.64	2.43	0.15	0.84	2.63	0.14
BCAQ6J	0.02	0.08	0.28	0.30	-0.61	0.29	0.51	-0.32	0.50	0.68	-0.02	0.19
BLYE38	0.02	-0.19	0.20	0.28	-1.51	0.08	0.48	-0.95	0.63	0.66	-0.35	0.16
BURRXZ	0.03	1.04	0.25	0.30	-0.62	0.37	0.49	-0.80	0.28	0.63	-0.85	0.07
BYYKRW	0.03	1.09	2.52	0.32	0.26	0.92	0.49	-0.70	2.68	0.72	0.68	0.74
DFWJTV	0.02	0.00	0.00	0.28	-1.45	0.53	0.49	-0.77	0.35	0.63	-0.96	0.74
DVWYFJ	0.01	-1.64	0.00	0.35	1.32	0.53	0.58	1.11	0.35	0.72	0.68	0.74
ET234V	0.05	4.78X	1.70	0.37	2.11	0.72	0.61	1.75	0.67	0.79	1.86	0.95
FB36JE				0.35	1.36	0.37	0.56	0.72	0.77	0.72	0.57	0.29
FBHKCL	0.02	-0.46	0.09	0.30	-0.58	0.19	0.52	-0.06	0.57	0.68	-0.11	0.12
FF9VLK	0.02	0.05	0.91	0.31	-0.11	0.43	0.51	-0.29	1.35	0.68	0.00	1.30
FTHDKE	0.02	-0.12	0.38	0.34	1.00	0.64	0.55	0.48	0.41	0.72	0.64	0.40
FWHLNP	0.02	0.71	0.25	0.30	-0.65	0.24	0.49	-0.64	0.12	0.64	-0.75	0.16
FXAHDJ	0.01	-1.48	0.00	0.29	-1.03	0.14	0.50	-0.58	0.06	0.65	-0.58	0.19
G8YTZJ	0.03	2.02	0.25	0.29	-0.82	0.19	0.47	-1.09	0.28	0.62	-1.05	0.43



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Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	0.02	0.08	0.19	0.31	-0.26	0.25	0.51	-0.21	0.33	0.66	-0.41	0.12	
K2EYDA	0.02	0.29	0.68	0.34	1.19	0.25	0.62	1.98	0.97	0.81	2.09	0.63	
K2WQPF	0.02	-0.16	0.18	0.32	0.34	0.97	0.53	0.22	0.99	0.70	0.28	0.37	
K782FN	0.03	1.09	1.26	0.41	3.77X	2.22	0.65	2.74	0.40	0.82	2.32	2.61	
L8H7TC	0.02	0.16	1.31	0.31	-0.24	0.55	0.52	-0.14	0.54	0.65	-0.59	1.00	
M3K2CD	0.02	0.00	0.00	0.33	0.79	1.91	0.53	0.14	1.62	0.68	0.00	0.56	
MDJ2PH	0.03	0.82	2.19	0.31	0.00	1.91	0.51	-0.35	0.94	0.65	-0.62	0.74	
NUMVW G	0.03	1.64	0.00	0.31	-0.26	0.53	0.51	-0.28	0.61	0.67	-0.28	1.40	
PHP8HT	0.02	-0.33	0.26	0.38	2.55	1.20	0.56	0.81	1.92	0.68	-0.05	1.75	
QFZ6AK	0.02	-0.55	0.25	0.31	-0.09	0.24	0.49	-0.70	1.14	0.66	-0.40	1.14	
QHL8TD	0.02	-0.27	0.25	0.22	-3.87X	1.86	0.43	-2.00	2.22	0.50	-3.10X	2.13	
UKYQQD	0.01	-1.05	0.01	0.29	-0.92	0.10	0.48	-0.97	0.12	0.63	-0.84	0.18	
UYYPDA	0.02	0.00	0.00	0.32	0.13	2.12	0.52	0.00	1.54	0.71	0.45	2.95	
WMHKH X	0.02	-0.13	0.32	0.33	0.55	2.31	0.52	0.01	1.76	0.66	-0.31	1.86	
XHF78D	0.02	-0.17	0.24	0.32	0.28	0.24	0.56	0.72	0.59	0.77	1.50	0.37	
XKMN79	0.38	59.03X	5.46	0.31	-0.09	1.35	0.36	-3.37X	0.64	0.29	-6.70X	0.54	
Y4V33U	0.02	0.00	0.00	0.31	0.00	0.53	0.52	0.00	0.35	0.71	0.51	0.28	
ZM2WAQ	0.02	0.05	0.50	0.33	0.53	0.53	0.53	0.14	0.00	0.69	0.11	0.84	
ZRFFR8	0.02	-0.44	0.25	0.30	-0.51	0.19	0.49	-0.69	0.44	0.64	-0.73	0.37	

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	0.020		0.31		0.52		0.68	
Median Abs Dev	0.002		0.01		0.03		0.03	
Avg Within Lab SD	0.002		0.01		0.02		0.02	
Labs Included	42		43		44		43	
Labs Reporting	44		45		45		45	



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.03	1.62	0.27	0.72	1.20	0.38	0.16	1.71	0.10	0.40	1.09	0.15
3QWB9Z	0.02	0.44	0.20	0.69	0.55	0.00	0.15	1.11	0.67	0.37	0.36	1.25
3ZMTL9	0.02	0.00	0.00	0.67	0.30	0.00	0.14	0.29	0.00	0.37	0.40	0.00
42AU62	0.03	2.70	4.75	0.64	-0.26	3.77	0.13	-0.51	1.74	0.37	0.20	1.34
44GAC8	0.02	0.90	1.58	0.60	-0.90	1.27	0.16	1.25	2.01	0.31	-1.39	3.32
77WJFP	0.02	-0.09	0.05	0.66	0.06	0.08	0.14	0.01	0.30	0.36	0.10	0.31
7AVUCP	0.03	2.74	1.01	0.73	1.34	0.90	0.16	1.22	0.73	0.37	0.40	0.27
7J3C82	0.02	0.90	1.58	0.67	0.32	0.60	0.14	0.37	1.01	0.37	0.20	0.51
7KHVRY	0.02	0.18	0.32	0.67	0.35	0.35	0.14	0.00	0.20	0.37	0.33	0.20
8CZM43	0.02	-0.17	1.12	0.62	-0.54	1.30	0.13	-0.48	1.05	0.34	-0.55	0.94
8DDEWJ	0.02	-0.02	0.15	0.67	0.20	0.16	0.14	0.15	0.18	0.38	0.60	0.11
AFD723	0.02	0.41	0.05	0.64	-0.21	0.19	0.16	1.61	0.22	0.37	0.34	0.31
BCAQ6J	0.02	0.09	0.22	0.64	-0.20	0.25	0.13	-0.48	0.18	0.36	0.01	0.06
BLYE38	0.02	0.45	0.07	0.66	0.12	0.16	0.13	-0.36	0.35	0.36	-0.07	0.24
BURRXZ	0.02	0.00	0.00	0.63	-0.49	0.23	0.13	-0.51	0.00	0.34	-0.50	0.00
BYYKRW	0.02	0.00	0.00	0.65	-0.08	0.39	0.12	-1.16	1.74	0.35	-0.24	0.88
DFWJTV	0.02	0.00	0.00	0.63	-0.43	0.39	0.13	-0.29	1.01	0.34	-0.59	0.51
DVWYFJ	0.02	0.00	0.00	0.63	-0.37	0.60	0.14	-0.07	1.01	0.32	-0.95	0.51
ET234V	0.03	2.62	0.06	0.81	2.70	1.44	0.16	1.79	0.14	0.46	2.66	0.54
FB36JE				0.74	1.43	0.23	0.14	0.15	0.00	0.38	0.56	0.00
FBHKCL	0.02	-0.55	0.02	0.65	-0.16	0.10	0.14	-0.14	0.34	0.35	-0.14	0.36
FF9VLK	0.02	-0.27	0.55	0.66	0.03	1.48	0.13	-0.31	0.46	0.36	0.00	0.70
FTHDKE	0.02	-0.24	0.27	0.67	0.31	1.14	0.16	1.39	0.59	0.38	0.68	0.62
FWHLNP	0.02	-0.27	0.00	0.61	-0.75	0.22	0.13	-0.64	0.00	0.34	-0.43	0.00
FXAHDJ	0.02	0.00	0.27	0.66	0.04	0.10	0.13	-0.29	0.27	0.35	-0.21	0.09
G8YTZJ	0.02	-0.18	0.16	0.73	1.36	0.38	0.14	0.44	0.10	0.39	0.85	0.38



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S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JXXFTF	0.02	-0.34	0.06	0.65	-0.06	0.24	0.13	-0.23	0.34	0.35	-0.36	0.20		
K2EYDA	0.02	0.69	0.60	0.84	3.15	0.27	0.19	3.52X	0.25	0.46	2.62	0.32		
K782FN	0.03	1.80	0.96	0.80	2.60	1.15	0.14	0.18	0.44	0.38	0.61	1.19		
L8H7TC	0.03	2.16	1.80	0.40	-4.44X	1.00	0.13	-0.53	2.87	0.21	-3.86X	2.11		
M3K2CD	0.02	-0.90	1.58	0.63	-0.37	2.03	0.14	0.15	1.74	0.33	-0.77	0.88		
MDJ2PH	0.02	1.08	0.99	0.65	-0.03	0.82	0.13	-0.51	1.74	0.33	-0.86	1.34		
NUMVW G	0.01	-2.70	0.00	0.64	-0.20	0.23	0.14	0.15	0.00	0.34	-0.42	1.83		
QFZ6AK	0.02	0.36	0.96	0.63	-0.47	0.04	0.14	0.07	1.13	0.35	-0.25	1.34		
QHL8TD	0.02	0.00	0.00	0.42	-4.09X	0.39	0.11	-2.04	1.01	0.25	-2.90	0.88		
UKYQQD	0.02	-0.56	0.20	0.61	-0.82	0.10	0.13	-0.48	0.03	0.33	-0.73	0.13		
UYYPDA	0.02	0.00	0.00	0.67	0.26	0.68	0.14	0.37	1.01	0.37	0.38	1.01		
WMHKH X	0.02	-0.21	0.20	0.74	1.41	2.57	0.18	2.65	2.52	0.40	0.97	2.63		
XHF78D				0.62	-0.67	0.17	0.10	-2.56	0.22	0.33	-0.86	0.14		
XKMN79	0.68	179.58X	49.37	0.33	-5.74X	0.74	0.22	5.32X	4.79	0.68	8.58X	1.47		
Y4V33U	0.02	0.00	0.00	0.71	0.90	0.46	0.14	0.15	0.00	0.39	0.91	0.51		
ZM2WAQ	0.02	-0.54	0.27	0.59	-1.19	0.60	0.13	-0.51	0.00	0.33	-0.68	2.03		
ZRFFR8	0.02	0.81	0.48	0.65	-0.15	0.59	0.13	-0.35	0.56	0.34	-0.47	0.13		

S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent	
	SRB2401			SRB2402			SRB2403			SRB2404				
Grand Median	0.020			0.65			0.14			0.36				
Median Abs Dev	0.001			0.02			0.01			0.02				
Avg Within Lab SD	0.004			0.03			0.01			0.01				
Labs Included	40			40			41			41				
Labs Reporting	41			43			43			43				



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Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QWB9Z	0.08	0.07	0.37	0.41	0.16	0.04	0.15	0.28	0.59	1.26	0.06	1.30
3ZMTL9	0.08	0.03	0.00	0.41	0.19	0.00	0.14	0.09	0.00	1.30	0.37	0.00
42AU62	0.08	0.41	0.00	0.38	-0.44	3.37	0.15	0.29	1.04	1.26	0.00	0.91
77WJFP	0.08	0.11	0.11	0.31	-1.95	0.09	0.12	-1.44	0.23	1.18	-0.66	0.47
7AVUCP	0.08	0.17	0.45	0.39	-0.14	0.15	0.14	-0.10	0.78	1.26	0.00	0.33
7J3C82	0.08	0.41	0.00	0.42	0.54	1.12	0.15	0.51	0.00	1.35	0.79	0.28
7KHVRY	0.09	0.81	0.53	0.42	0.39	0.11	0.15	0.49	0.27	1.29	0.30	0.06
8CZM43	0.08	0.42	1.36	0.40	-0.07	1.36	0.14	0.09	1.28	1.24	-0.14	0.85
8DDEWJ	0.08	0.14	0.13	0.40	-0.02	0.34	0.15	0.20	0.37	1.33	0.65	0.10
AFD723	0.07	-0.54	0.10	0.39	-0.19	0.39	0.14	-0.22	0.11	1.23	-0.22	0.16
BCAQ6J	0.05	-1.76	0.60	0.42	0.49	0.05	0.13	-0.85	0.35	1.16	-0.79	0.14
BLYE38	0.07	0.00	0.66	0.37	-0.68	0.19	0.13	-0.94	0.35	1.16	-0.83	0.13
BURRXZ	0.07	-0.12	1.53	0.39	-0.29	0.42	0.13	-0.63	1.04	1.18	-0.62	0.16
BYYKRW	0.09	1.21	2.65	0.48	1.83	0.73	0.15	0.74	2.74	1.54	2.40	1.02
DFWJTV	0.09	0.86	0.55	0.42	0.37	0.30	0.15	0.74	0.10	1.29	0.25	0.71
DVWYFJ	0.08	0.41	0.00	0.44	1.00	1.12	0.15	0.51	0.00	1.31	0.45	0.75
ET234V	0.11	2.93	1.28	0.46	1.48	0.70	0.18	2.58	1.24	1.45	1.67	0.87
FB36JE	0.78	56.07X	2.79	0.44	0.94	0.30	0.15	0.56	0.59	1.34	0.68	0.44
FBHKCL	0.07	-0.69	0.13	0.39	-0.32	0.21	0.14	0.08	1.13	1.20	-0.49	0.13
FF9VLK	0.07	-0.02	0.76	0.40	0.02	1.33	0.14	-0.10	0.65	1.24	-0.14	1.48
FTHDKE	0.08	0.18	0.18	0.43	0.73	0.56	0.16	1.31	0.28	1.38	1.07	0.26
FWHLNP	0.07	-0.26	0.15	0.38	-0.50	0.26	0.14	-0.24	0.18	1.21	-0.42	0.43
FXAHDJ	0.07	-0.02	0.15	0.40	0.11	0.07	0.14	-0.01	0.27	1.26	0.00	0.10
JXXFTF	0.08	0.23	0.27	0.39	-0.13	0.25	0.14	-0.07	0.34	1.22	-0.32	0.31
K2EYDA	0.03	-3.55	0.03	0.21	-4.35X	0.02	0.06	-5.39X	0.04	0.62	-5.38X	0.00
K2WQPF	0.07	-0.25	0.46	0.41	0.30	0.40	0.14	-0.49	0.89	1.34	0.74	1.40



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
K782FN	0.09	1.08	2.50	0.48	1.84	1.75	0.16	1.45	0.73	1.45	1.67	3.01	
M3K2CD	0.07	-0.39	0.00	0.38	-0.44	1.94	0.13	-0.63	1.04	1.18	-0.68	0.43	
MDJ2PH	0.07	-0.39	2.65	0.36	-0.89	0.73	0.13	-0.86	1.79	1.16	-0.82	0.28	
NUMVW G	0.08	0.41	0.00	0.42	0.39	0.42	0.18	2.34	1.04	1.29	0.25	1.34	
PHP8HT	0.10	1.86	2.04	0.51	2.44	1.35	0.16	1.42	2.03	1.43	1.46	1.77	
QHL8TD	0.07	-0.47	0.53	0.27	-3.02	1.28	0.12	-1.70	1.51	0.93	-2.77	1.98	
UKYQQD	0.06	-0.91	0.10	0.37	-0.57	0.16	0.13	-1.16	0.35	1.17	-0.75	0.36	
UYYPDA	0.07	-0.66	1.53	0.37	-0.74	0.85	0.14	-0.17	1.79	1.16	-0.79	1.64	
WMHKH X	0.07	-0.21	1.07	0.41	0.32	2.07	0.14	0.01	1.65	1.27	0.09	1.87	
XHF78D	0.07	-0.15	0.20	0.40	-0.03	0.26	0.13	-0.56	0.39	1.22	-0.29	0.28	
XKMN79	0.04	-2.79	0.26	0.01	-8.77X	0.17	0.03	-7.60X	0.55	0.38	-7.47X	0.91	
ZRFFR8	0.07	-0.05	0.28	0.38	-0.34	0.22	0.14	-0.43	0.16	1.18	-0.64	0.24	

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	0.075	0.40	0.14	1.26		
Median Abs Dev	0.005	0.02	0.01	0.07		
Avg Within Lab SD	0.004	0.01	0.01	0.04		
Labs Included	37	36	36	36		
Labs Reporting	38	38	38	38		



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3ZMTL9	4.7	-0.30	0.00	123.9	0.07	0.00	49.9	0.99	0.00	631.1	-0.02	0.00
42AU62	36.0	6.20X	12.93	128.9	0.19	2.14	71.1	2.89X	4.04	640.4	0.02	1.49
77WJFP	5.9	-0.06	0.30	167.5	1.11	1.21	47.9	0.82	0.37	999.0	1.48	2.69
7AVUCP	4.0	-0.45	0.16	94.7	-0.63	0.27	37.0	-0.16	1.64	554.3	-0.33	0.41
7J3C82	13.7	1.56	0.32	72.7	-1.16	0.32	34.7	-0.37	0.61	445.3	-0.77	0.60
8DDEWJ	7.7	0.32	1.29	112.8	-0.20	0.73	38.6	-0.02	0.71	592.7	-0.17	0.18
AFD723	9.7	0.73	1.21	158.5	0.89	0.91	53.8	1.34	0.87	785.7	0.61	0.40
BCAQ6J	9.5	0.69	1.62	137.3	0.39	0.99	44.8	0.54	0.81	670.4	0.14	2.01
BURRXZ	10.0	0.80	0.56	66.7	-1.30	0.44	22.0	-1.50	0.29	400.3	-0.96	0.06
BYYKRW	3.3	-0.59	0.32	62.3	-1.40	0.44	25.3	-1.21	0.61	433.0	-0.82	0.46
DFWJTV	3.7	-0.52	0.32	118.3	-0.07	0.49				855.0	0.89	0.45
DVWYFJ	1.4	-1.00	0.12	78.5	-1.02	0.52	29.2	-0.86	0.27	440.2	-0.79	0.43
ET234V	21.4	3.17	2.97	144.5	0.56	2.10	59.4	1.85	3.63	873.4	0.97	0.64
FB36JE				103.7	-0.42	0.44	30.1	-0.78	0.96	518.0	-0.48	0.40
FBHKCL	6.5	0.06	1.04	138.8	0.42	0.26	39.6	0.07	0.97	888.4	1.03	0.18
FXAHDJ				135.5	0.34	1.60	39.5	0.06	0.50	772.9	0.56	0.20
G8YTZJ	11.3	1.07	0.38	127.8	0.16	0.77	46.1	0.65	0.34	679.9	0.18	1.39
JXXFTF	7.4	0.26	1.50	70.3	-1.21	0.66	32.4	-0.57	0.41	406.4	-0.93	0.27
K2WQPF	4.8	-0.29	0.06	169.3	1.15	0.54	54.3	1.38	0.58	909.7	1.11	0.93
M3K2CD				110.3	-0.26	1.25	36.7	-0.19	0.71	543.7	-0.37	1.11
NUMVW G	3.3	-0.59	0.65	81.7	-0.94	1.23	32.0	-0.61	0.29	503.7	-0.54	0.80
PHP8HT	4.9	-0.25	0.75	191.5	1.68	0.43	47.1	0.74	0.52	1,161.0	2.14	1.21
UKYQQD	6.7	0.11	0.43	99.6	-0.51	0.65	29.6	-0.82	0.20	587.8	-0.20	0.68
WMHKH X				92.0	-0.69	0.57	32.6	-0.56	0.37	513.1	-0.50	0.50
XHF78D				137.7	0.40	1.83	39.0	0.02	0.92	932.5	1.21	0.84



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AI (SubTestCode 218) in the Wet Digestion Property Groups											Data units: mg/kg		
SRB2401				SRB2402			SRB2403			SRB2404			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score				
ZRFFR8	2.9	-0.68	0.24	136.8	0.38	0.80	39.7	0.08	0.75	715.1	0.32	1.72	

AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	6.17		121.1		38.8		635.7	
Median Abs Dev	2.67		22.4		7.0		143.5	
Avg Within Lab SD	1.79		4.7		3.4		26.6	
Labs Included	20		26		24		26	
Labs Reporting	21		26		25		26	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	1.9	0.06	0.64	35.5	0.23	0.95	36.4	0.08	0.74	28.6	0.44	0.48
3QWB9Z	0.1	-1.40	0.00	28.6	-1.66	0.07	31.5	-1.06	0.65	20.0	-1.77	0.84
3ZMTL9	1.8	0.00	0.00	36.6	0.54	0.00	37.8	0.40	0.00	28.3	0.37	0.00
42AU62	3.6	1.43	2.26	36.7	0.55	2.94	40.3	1.00	2.01	33.0	1.57	3.81
44GAC8	0.1	-1.39	0.01	33.5	-0.33	0.38	33.9	-0.52	0.30	26.7	-0.04	0.79
77WJFP	1.7	-0.09	0.00	34.8	0.05	0.06	36.3	0.05	0.37	27.0	0.04	0.27
7AVUCP	2.2	0.29	0.28	36.1	0.39	0.66	38.9	0.66	0.76	28.3	0.36	0.32
7J3C82	1.7	-0.13	1.07	37.3	0.74	1.08	39.7	0.84	0.53	28.0	0.29	1.01
7KHVRY	1.8	-0.06	0.00	36.3	0.45	0.34	36.4	0.08	0.18	33.1	1.59	0.26
8DDEWJ				32.9	-0.48	0.37	36.1	0.00	0.40	25.8	-0.26	0.04
AFD723	1.7	-0.07	0.42	32.3	-0.66	0.31	34.9	-0.27	0.16	25.4	-0.37	0.25
BCAQ6J	2.2	0.33	0.33	36.2	0.43	0.52	37.2	0.25	0.59	29.1	0.57	0.11
BURRXZ	2.0	0.14		29.7	-1.38	0.54	30.7	-1.27	0.53	22.0	-1.24	
BYYKRW	1.9	0.02	0.58	30.5	-1.15	0.99	27.1	-2.10	1.66	22.8	-1.04	0.84
DFWJTV	2.0	0.14		31.7	-0.83	0.54	34.0	-0.49		24.7	-0.56	0.58
DVWYFJ	0.5	-1.11	0.00	30.7	-1.11	0.64	31.9	-0.98	0.27	19.8	-1.82	0.32
ET234V	7.4	4.48X	0.79	35.9	0.35	1.68	45.3	2.16	0.17	31.4	1.17	0.24
FB36JE	3.5	1.39	0.28	42.0	2.02	0.62	42.0	1.40	1.00	30.7	0.99	0.35
FBHKCL	1.3	-0.42	0.50	31.4	-0.89	0.26	33.8	-0.53	0.20	22.4	-1.13	0.06
FF9VLK	1.1	-0.59	0.19	34.4	-0.06	1.73	36.5	0.09	1.25	26.1	-0.19	0.70
FWHLNP	14.1	9.93X	1.47	44.2	2.64	0.70	46.5	2.44	0.57	31.1	1.10	1.31
FXAHDJ	0.7	-0.91	0.19	31.8	-0.80	0.69	32.5	-0.83	0.62	24.0	-0.74	0.21
G8YTZJ	1.6	-0.22	0.07	36.3	0.46	0.56	35.8	-0.06	0.11	27.0	0.04	0.28
JXXFTF	1.7	-0.12	0.97	34.1	-0.15	0.59	35.5	-0.15	0.50	23.8	-0.78	0.10
K2EYDA	1.4	-0.33	0.05	36.1	0.41	0.38	38.0	0.44	1.88	26.6	-0.07	1.21
K2WQPF	1.5	-0.26	0.23	37.1	0.68	0.89	38.7	0.61	0.43	29.1	0.58	0.20



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
K782FN	3.6	1.40	0.32	42.2	2.09	0.98	43.6	1.77	0.67	33.1	1.61	1.17	
M3K2CD				31.7	-0.81	0.70	33.0	-0.72	0.93	22.0	-1.23	1.27	
MDJ2PH	2.1	0.22	0.37	32.5	-0.59	0.73	36.2	0.02	0.39	23.2	-0.93	0.71	
NUMVW G	2.0	0.14	3.22	35.7	0.28	1.08	37.3	0.29	2.33	29.3	0.64	1.54	
PHP8HT	0.0	-1.46		10.1	-6.77X	0.56	15.9	-4.74X	0.47	6.2	-5.29X	0.11	
QFZ6AK	3.2	1.14	0.20	34.5	-0.04	0.15	34.9	-0.27	0.80	27.3	0.12	0.69	
QHL8TD	4.8	2.38	2.42	16.8	-4.94X	2.84	26.0	-2.36	2.76	15.2	-2.99X	2.40	
UKYQQD	1.5	-0.30	0.29	34.2	-0.13	0.18	35.3	-0.17	0.06	26.6	-0.05	0.05	
UYYPDA	4.7	2.32		34.6	-0.02	0.75	35.4	-0.17	1.02	25.9	-0.25	1.21	
WMHKH X				38.2	0.97	2.29	39.0	0.68	1.27	27.8	0.25	0.95	
XHF78D	3.6	1.45	2.14	34.7	0.02	0.43	35.4	-0.16	0.77	27.5	0.17	0.21	
XKMN79	26.9	20.33X	1.47	98.3	17.57X	9.49	132.7	22.65X	10.16	45.3	4.74X	4.06	
Y4V33U	0.8	-0.87	0.66	33.2	-0.41	1.65	34.7	-0.32	0.85	25.4	-0.37	1.31	
ZM2WAQ	2.5	0.53	0.77	36.2	0.42	1.70	37.6	0.36	1.21	27.2	0.10	1.96	
ZRFFR8	2.5	0.53	0.13	33.1	-0.43	0.67	35.0	-0.25	0.58	23.8	-0.77	0.37	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	1.83	34.7	36.1	26.9		
Median Abs Dev	0.41	1.7	1.9	2.2		
Avg Within Lab SD	0.54	1.1	1.1	1.0		
Labs Included	35	38	39	38		
Labs Reporting	38	41	41	41		



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	6.7	1.87	1.70	39.3	0.86	1.21	52.3	1.14	2.63	51.7	0.80	0.41
3QWB9Z	4.3	0.20	0.24	40.0	1.05	0.12	54.4	1.58	1.00	53.2	1.08	1.44
3ZMTL9	2.9	-0.77	0.00	37.0	0.19		48.3	0.30	0.00	48.6	0.25	0.00
42AU62	4.8	0.54	0.67	36.1	-0.06	3.51	49.6	0.58	1.38	50.8	0.65	1.55
44GAC8	4.2	0.18	0.13	34.2	-0.60	0.12	46.9	0.00	0.31	153.0	19.11X	1.89
77WJFP	3.9	-0.02	0.06	38.9	0.73	0.05	50.9	0.83	0.52	50.9	0.67	0.19
7AVUCP	3.7	-0.19	0.11	34.4	-0.56	0.21	46.1	-0.17	1.06	46.0	-0.21	0.76
7J3C82	6.7	1.87	1.70	38.0	0.48	0.79	50.3	0.72	0.38	48.3	0.20	0.83
7KHVRY	3.1	-0.59	0.06	36.3	0.00	0.13	46.2	-0.13	0.13	48.5	0.23	0.32
8CZM43	3.8	-0.13	3.54	35.0	-0.37	1.06	45.2	-0.35	0.41	47.0	-0.04	1.46
8DDEWJ	5.1	0.81	0.13	38.2	0.54	0.37	51.4	0.94	0.51	51.5	0.77	0.54
AFD723	4.7	0.51	0.34	33.4	-0.86	0.37	46.6	-0.05	0.08	43.4	-0.70	1.04
BCAQ6J	4.6	0.43	0.19	37.8	0.43	0.44	48.3	0.31	0.39	50.0	0.50	0.25
BLYE38	2.5	-1.02	0.09	35.6	-0.20	0.38	46.3	-0.13	0.65	52.0	0.87	1.10
BURRXZ	4.0	0.02		30.7	-1.63	0.46	40.0	-1.43		39.3	-1.42	0.41
BYYKRW	5.0	0.72		41.7	1.54	0.46	50.0	0.65	2.35	54.3	1.28	0.83
DFWJTV	2.3	-1.14	0.64	33.7	-0.77	0.91	44.3	-0.53	0.38	43.3	-0.70	0.83
DVWYFJ	3.3	-0.46	0.14	37.8	0.42	0.63	48.6	0.37	0.20	47.2	-0.01	0.44
ET234V	5.8	1.25	0.47	40.6	1.23	2.59	52.0	1.08	0.53	52.8	1.01	0.76
FB36JE				42.6	1.81	0.44	52.3	1.14	0.53	51.4	0.76	0.55
FBHKCL	3.5	-0.33	0.07	34.6	-0.51	0.39	47.3	0.08	0.52	46.7	-0.10	0.14
FF9VLK	3.3	-0.46	0.29	35.0	-0.39	1.67	46.0	-0.19	0.75	46.0	-0.23	0.74
FTHDKE	3.3	-0.48	0.26	37.1	0.23	1.84	45.6	-0.27	0.37	44.8	-0.43	0.17
FWHLNP	3.3	-0.45	0.23	33.1	-0.93	0.91	44.9	-0.42	0.21	45.1	-0.38	0.55
FXAHDJ	3.4	-0.36	0.33	34.6	-0.49	0.48	45.4	-0.31	0.49	45.0	-0.39	0.35
G8YTZJ	3.8	-0.09	0.70	37.2	0.25	0.51	45.4	-0.30	0.17	46.7	-0.09	0.58



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	3.8	-0.13	0.07	35.5	-0.23	0.12	46.6	-0.06	0.16	45.6	-0.30	0.23	
K2EYDA	5.1	0.78	0.01	39.7	0.98	0.50	52.6	1.20	0.80	55.5	1.50	0.71	
K2WQPF	3.7	-0.20	0.13	36.2	-0.03	0.39	46.6	-0.06	0.45	47.2	0.00	0.66	
K782FN	4.7	0.54	0.28	47.2	3.13X	1.11	57.0	2.11	0.31	54.8	1.37	2.57	
L8H7TC	4.8	0.55	0.50	36.6	0.08	0.32	52.1	1.10	0.49	51.0	0.68	0.97	
M3K2CD	3.7	-0.21	0.06	38.3	0.57	0.14	45.9	-0.21	0.96	44.7	-0.46	0.81	
MDJ2PH	3.9	-0.02	0.28	31.5	-1.38	0.56	40.7	-1.29	0.72	40.5	-1.21	0.80	
NUMVW G	3.3	-0.44	0.64	36.3	0.00	0.46	47.7	0.17	0.38	47.3	0.02	1.09	
PHP8HT	6.2	1.55	1.20	23.2	-3.78X	0.73	37.8	-1.89	0.68	36.6	-1.92	0.20	
QFZ6AK	3.4	-0.37	0.50	35.6	-0.21	0.95	44.4	-0.53	0.19	45.0	-0.41	0.48	
QHL8TD	5.3	0.93	0.29	20.7	-4.50X	0.83	36.8	-2.10	0.90	31.7	-2.80	1.39	
UKYQQD	2.2	-1.22	0.19	31.8	-1.32	0.59	42.1	-1.00	0.37	43.3	-0.70	0.39	
UYYPDA	6.1	1.51	1.24	34.6	-0.50	0.68	46.2	-0.14	1.34	47.2	0.00	0.95	
WMHKH X				40.9	1.32	0.57	49.6	0.57	2.28	49.7	0.44	2.54	
XHF78D	5.6	1.15	1.87	39.5	0.90	0.64	47.6	0.14	0.17	49.3	0.37	0.55	
XKMN79	30.5	18.42X	4.93	12.6	-6.83X	1.67	42.4	-0.93	3.26	38.4	-1.59	1.00	
Y4V33U	6.6	1.85	3.42	41.2	1.41	1.74	51.8	1.04	1.05	53.7	1.16	0.65	
ZM2WAQ	6.4	1.67	0.21	41.1	1.38	0.95	54.2	1.52	0.73	52.4	0.93	2.58	
ZRFFR8	4.4	0.30	0.30	35.6	-0.21	0.32	48.3	0.30	0.62	47.0	-0.03	0.29	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	3.97		36.3		46.9		47.2	
Median Abs Dev	0.72		1.9		2.5		3.2	
Avg Within Lab SD	0.90		1.3		1.5		1.4	
Labs Included	42		41		45		44	
Labs Reporting	43		45		45		45	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	10.7	0.88	1.91	62.7	0.38	0.78	127.7	0.64	0.49	66.0	0.46	0.44	
3QWB9Z	10.4	0.74	0.53	62.5	0.34	0.05	131.6	1.04	1.12	64.9	0.24	1.08	
3ZMTL9	9.4	0.10	0.00	61.2	0.10	0.00	126.3	0.50	0.00	64.3	0.13	0.00	
42AU62	10.8	0.99	1.26	61.2	0.09	3.45	128.3	0.70	1.14	63.2	-0.09	2.65	
44GAC8	10.5	0.80	0.19	57.1	-0.67	0.56	115.7	-0.59	0.66	63.8	0.03	0.86	
77WJFP	9.0	-0.14	0.05	59.7	-0.18	0.04	120.9	-0.06	0.42	63.2	-0.08	0.19	
7AVUCP	9.7	0.30	0.36	61.1	0.07	0.06	124.3	0.29	0.49	61.5	-0.43	0.46	
7J3C82	10.7	0.88	1.91	63.0	0.44	0.51	127.0	0.57	0.64	63.7	0.00	0.25	
7KHVRY	8.7	-0.34	0.04	60.7	0.00	0.33	121.5	0.00	0.07	64.0	0.06	0.37	
8CZM43	7.4	-1.17	3.78	58.0	-0.50	1.63	120.7	-0.08	0.89	60.8	-0.56	0.64	
8DDEWJ	9.7	0.29	0.06	61.5	0.15	0.34	128.5	0.72	0.37	66.5	0.56	0.07	
AFD723	13.6	2.73	0.40	76.8	3.04	0.69	161.2	4.07X	0.39	82.0	3.62X	0.37	
BCAQ6J	11.2	1.21	0.55	62.5	0.33	0.35	126.4	0.50	0.45	67.0	0.67	0.80	
BLYE38	8.8	-0.28	0.06	57.8	-0.54	0.36	114.1	-0.75	0.11	57.2	-1.27	0.45	
BURRXZ	9.3	0.04	0.95	56.7	-0.75	0.59	111.7	-1.00	0.49	56.7	-1.38	0.25	
BYYKRW	11.3	1.30	0.95	68.0	1.38	0.88	123.3	0.19	2.95	69.0	1.05	1.32	
DFWJTV	9.3	0.04	0.95	54.7	-1.13	0.29	114.3	-0.73	0.18	57.7	-1.19	0.25	
DVWYFJ	4.9	-2.74	0.15	66.7	1.13	1.06	137.1	1.60	0.43	63.9	0.04	1.17	
ET234V	8.5	-0.47	0.44	66.2	1.04	0.77	139.0	1.80	0.41	70.6	1.38	1.25	
FB36JE	9.6	0.20	0.03	66.7	1.14	0.50	124.7	0.33	1.12	66.9	0.64	0.29	
FBHKCL	8.5	-0.45	0.06	58.7	-0.37	0.14	121.5	0.00	0.34	61.7	-0.39	0.07	
FF9VLK	8.8	-0.31	0.91	59.1	-0.30	0.61	114.3	-0.73	1.28	61.4	-0.45	1.41	
FTHDKE	8.5	-0.46	0.17	54.5	-1.16	0.88	121.4	0.00	0.45	60.5	-0.62	0.12	
FWHLNP	8.9	-0.26	0.35	56.4	-0.80	0.26	117.3	-0.42	0.49	58.3	-1.06	0.12	
FXAHDJ	9.5	0.15	0.76	55.7	-0.93	0.34	114.8	-0.68	0.20	57.7	-1.17	0.20	
G8YTZJ	8.0	-0.81	0.23	59.6	-0.20	0.18	117.4	-0.41	0.24	60.7	-0.58	0.23	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	9.2	-0.04	0.14	58.8	-0.36	0.27	118.7	-0.29	0.41	58.6	-1.00	0.20	
K2EYDA	11.0	1.07	0.14	59.5	-0.21	0.36	125.7	0.43	0.55	65.4	0.35	0.46	
K2WQPF	9.3	0.04	0.32	64.2	0.66	0.23	127.3	0.60	0.73	64.4	0.14	0.25	
K782FN	11.8	1.62	1.97	75.3	2.75	1.31	145.0	2.41	0.84	73.1	1.86	2.26	
L8H7TC	10.8	0.98	0.91	58.8	-0.35	1.38	125.2	0.39	0.37	62.1	-0.31	0.61	
M3K2CD	8.5	-0.46	0.69	58.2	-0.47	1.14	113.3	-0.83	1.60	57.1	-1.30	0.37	
MDJ2PH	9.0	-0.19	0.25	53.0	-1.44	0.18	107.3	-1.44	0.49	57.4	-1.24	0.29	
NUMVW G	8.7	-0.38	0.95	63.7	0.56	1.18	131.0	0.98	1.39	66.7	0.59	1.34	
PHP8HT	9.0	-0.17	0.17	69.2	1.60	0.44	131.9	1.07	1.59	73.5	1.93	0.71	
QFZ6AK	8.5	-0.50	0.33	59.9	-0.15	0.17	120.3	-0.12	0.40	62.7	-0.20	0.34	
QHL8TD	8.7	-0.38	0.42	39.2	-4.05X	1.19	94.1	-2.80	3.11	45.2	-3.65X	1.41	
UKYQQD	8.0	-0.82	0.25	59.4	-0.24	0.46	112.5	-0.92	0.15	58.5	-1.03	0.14	
UYYPDA	11.1	1.14	2.30	64.3	0.68	0.10	126.0	0.47	1.02	68.5	0.95	0.54	
WMHKH X	9.2	-0.07	1.30	64.0	0.62	3.19	127.3	0.59	1.78	64.7	0.20	1.76	
XHF78D	9.5	0.15	1.25	63.0	0.44	0.36	118.4	-0.31	0.42	66.0	0.45	0.02	
XKMN79	37.5	17.78X	1.43	27.8	-6.18X	1.81	39.3	-8.40X	1.50	68.3	0.92	3.35	
Y4V33U	9.0	-0.17	0.17	60.7	0.01	0.38	120.0	-0.15		63.9	0.05	0.66	
ZM2WAQ	4.5	-3.03	0.34	58.0	-0.50	2.05	120.3	-0.11	0.73	59.8	-0.76	1.26	
ZRFFR8	9.9	0.37	0.08	56.4	-0.80	0.23	114.0	-0.76	0.10	57.7	-1.17	0.27	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	9.27		60.7		121.5		63.7	
Median Abs Dev	0.66		2.6		5.8		3.0	
Avg Within Lab SD	0.61		2.0		3.1		2.3	
Labs Included	44		43		43		43	
Labs Reporting	45		45		45		45	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	35.0	5.83X	7.19	203.7	0.62	0.48	82.0	1.79	0.93	912.3	-0.14	0.21
3QWB9Z	7.5	-0.15	0.13	189.1	0.15	0.22	63.4	0.00	0.05	933.3	0.02	1.39
3ZMTL9	6.5	-0.36	0.00	177.9	-0.21	0.00	59.0	-0.42		946.3	0.12	0.00
42AU62	61.7	11.63X	23.00	202.3	0.58	1.89	87.7	2.34	2.31	957.7	0.20	1.12
44GAC8	13.4	1.13	0.18	184.3	0.00	0.19	64.0	0.06	0.29	1,081.7	1.13	3.30
77WJFP	8.6	0.09	0.41	210.6	0.84	0.12	68.2	0.46	0.12	1,059.5	0.96	0.66
7AVUCP	6.1	-0.44	0.09	171.0	-0.43	0.06	57.9	-0.52	0.46	886.0	-0.33	0.50
7J3C82	9.0	0.18	0.40	142.0	-1.36	0.06	57.0	-0.61	0.37	705.3	-1.68	0.39
7KHVRY	3.3	-1.06	0.01	214.4	0.97	0.18	68.0	0.45	0.19	1,075.7	1.08	0.40
8CZM43	16.2	1.75	1.23	204.2	0.64	0.59	88.3	2.39	4.78	943.6	0.10	0.73
8DDEWJ	6.2	-0.43	0.39	179.1	-0.17	0.03	61.8	-0.15	0.32	935.4	0.04	0.42
AFD723	7.4	-0.17	0.27	175.2	-0.29	0.20	61.7	-0.16	0.41	893.4	-0.28	1.01
BCAQ6J	14.1	1.29	1.24	198.6	0.46	0.28	67.9	0.43	0.37	928.7	-0.01	0.61
BLYE38	13.4	1.13	0.23	165.7	-0.60	0.23	53.8	-0.92	0.49	778.8	-1.13	0.82
BURRXZ	68.3	13.06X	0.61	120.0	-2.07	0.12	64.7	0.13	0.47	560.3	-2.77	0.09
BYYKRW	10.7	0.54	0.23	184.3	0.00	0.30	61.0	-0.22	0.93	911.7	-0.14	1.01
DFWJTV	6.3	-0.40	0.23	183.7	-0.02	0.12	60.7	-0.26	0.28	942.3	0.09	0.27
DVWYFJ	1.3	-1.49	0.00	153.4	-0.99	0.23	52.1	-1.08	0.17	759.6	-1.28	0.71
ET234V	6.8	-0.30	0.96	258.7	2.39	6.02	67.8	0.42	1.74	1,026.7	0.72	1.10
FB36JE	8.4	0.05	0.27	189.7	0.17	0.48	61.3	-0.19	0.61	849.7	-0.60	0.34
FBHKCL	9.6	0.31	0.81	194.4	0.32	0.07	61.9	-0.14	0.53	982.6	0.39	0.07
FF9VLK	7.9	-0.07	0.64	184.3	0.00	0.39	64.2	0.08	1.11	920.0	-0.08	0.45
FTHDKE	9.8	0.36	0.20	163.5	-0.67	0.18	56.6	-0.65	0.19	758.1	-1.29	0.40
FWHLNP	5.1	-0.67	0.28	115.0	-2.23	0.21	44.1	-1.84	0.44	608.3	-2.41	0.29
FXAHDJ				181.2	-0.10	0.16	50.8	-1.21	0.29	943.1	0.09	0.23
G8YTZJ	11.5	0.73	0.75	189.2	0.16	0.25	65.4	0.20	1.03	891.9	-0.29	0.65



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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	8.9	0.15	0.39	146.0	-1.23	0.20	56.0	-0.71	0.41	722.5	-1.55	0.21	
K2EYDA	23.5	3.33	0.21	186.7	0.08	0.11	65.0	0.16	0.17	931.9	0.01	0.06	
K2WQPF	5.7	-0.53	0.05	205.3	0.67	0.25	64.2	0.08	0.20	997.7	0.50	0.40	
K782FN	8.0	-0.03	0.17	230.3	1.48	0.18	72.5	0.88	0.32	1,019.7	0.67	2.76	
L8H7TC	36.0	6.05X	1.56	178.2	-0.20	0.98	83.7	1.95	0.92	748.7	-1.36	0.50	
M3K2CD	8.2	0.00	0.53	161.3	-0.74	0.39	55.4	-0.76	0.37	751.3	-1.34	0.53	
MDJ2PH	16.2	1.74	0.39	179.3	-0.16	0.35	55.0	-0.80	0.14	844.0	-0.65	0.21	
NUMVW G	11.0	0.62	0.40	176.7	-0.25	0.53	65.7	0.22	0.28	934.7	0.03	1.32	
PHP8HT	23.4	3.31	5.19	218.1	1.08	0.29	69.8	0.62	0.28	1,790.3	6.42X	4.24	
QFZ6AK	9.2	0.22	0.47	190.1	0.19	0.20	61.2	-0.21	0.12	930.6	0.00	0.34	
QHL8TD	5.7	-0.54	1.22	111.7	-2.34	0.33	48.0	-1.47	0.64	640.3	-2.17	1.09	
UKYQQD	5.9	-0.50	0.25	177.4	-0.22	0.05	59.3	-0.39	1.43	891.0	-0.30	0.56	
UYYPDA	7.2	-0.22	0.91	202.7	0.59	0.36	63.3	0.00	0.42	1,017.3	0.65	0.51	
WMHKH X				195.1	0.35	0.47	90.0	2.56	1.14	868.6	-0.46	0.90	
XHF78D				204.9	0.66	0.44	57.9	-0.53	0.19	1,009.1	0.59	0.36	
XKMN79	175.7	36.36X	2.34	113.3	-2.28	0.38	81.3	1.73	0.75	180.3	-5.61X	0.32	
Y4V33U	6.4	-0.38	0.02	202.0	0.57	0.37	63.8	0.04	0.13	993.7	0.47	0.69	
ZM2WAQ	7.5	-0.15	0.03	202.0	0.57	0.92	64.3	0.10	0.53	964.3	0.25	2.28	
ZRFFR8	8.9	0.16	0.30	192.8	0.27	0.20	63.2	-0.01	0.17	1,015.8	0.64	1.63	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	8.17		184.3		63.3		930.6	
Median Abs Dev	1.83		17.7		4.5		63.1	
Avg Within Lab SD	2.51		16.9		5.4		29.2	
Labs Included	37		45		45		43	
Labs Reporting	42		45		45		45	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	1.37	0.70	0.21	10.97	0.96	0.19	14.23	1.10	0.76	9.43	1.36	0.33	
3QWB9Z	0.10	-0.70	0.00	10.46	0.49	0.21	13.53	0.50	0.97	8.48	0.31	1.51	
3ZMTL9	0.36	-0.42	0.00	9.98	0.05	0.00	13.10	0.13	0.00	8.07	-0.14	0.00	
42AU62	2.00	1.40	4.17	10.50	0.53	2.79	13.73	0.67	1.84	9.53	1.46	1.48	
44GAC8	3.50	3.06	0.18	8.90	-0.95	0.34	11.83	-0.96	0.66	7.77	-0.48	0.88	
77WJFP	0.61	-0.14	0.10	10.84	0.84	0.22	13.89	0.81	0.11	9.18	1.08	0.33	
7AVUCP	0.40	-0.37	0.03	9.18	-0.69	0.14	12.43	-0.44	1.62	8.20	0.00	0.55	
7J3C82	1.00	0.29		10.00	0.07		13.67	0.62	1.25	8.67	0.51	1.67	
7KHVRY	0.63	-0.12	0.02	10.85	0.85	0.15	13.64	0.60	0.05	8.78	0.64	0.53	
8CZM43				8.23	-1.58	1.45	10.67	-1.96	1.32	5.97	-2.45	2.57	
8DDEWJ	0.40	-0.38	0.22	10.07	0.13	0.12	13.50	0.48	0.84	8.80	0.66	1.09	
AFD723	0.41	-0.36	0.03	9.12	-0.75	0.67	12.16	-0.68	0.31	7.90	-0.33	0.35	
BCAQ6J	0.55	-0.20	0.21	10.09	0.15	0.27	13.43	0.42	0.71	8.61	0.45	0.26	
BLYE38	1.56	0.91	0.25	9.53	-0.37	0.33	11.50	-1.24	0.56	6.70	-1.65	0.85	
BURRXZ	1.90	1.29	0.18	10.83	0.84	0.19	13.80	0.73	0.22	8.20	0.00	0.29	
BYYKRW	0.30	-0.49	0.39	11.40	1.36	0.51	13.22	0.23	2.29	9.86	1.83	1.37	
DFWJTV				9.00	-0.86		13.00	0.04		8.00	-0.22		
DVWYFJ	0.28	-0.50	0.00	9.69	-0.23	0.22	12.74	-0.18	0.35	7.61	-0.65	0.32	
ET234V	0.74	0.00	0.24	8.80	-1.04	0.46	11.98	-0.83	0.54	7.15	-1.16	0.94	
FB36JE				11.17	1.15	0.07	14.10	0.99	0.75	9.14	1.04	0.59	
FBHKCL	0.17	-0.62	0.06	10.18	0.23	0.07	13.58	0.54	0.43	8.80	0.65	0.46	
FF9VLK	2.30	1.73	3.79	11.67	1.61	2.42	13.83	0.76	3.53	8.80	0.66	2.56	
FTHDKE				11.59	1.54	2.25	13.24	0.25	0.35	8.33	0.15	0.61	
FWHLNP				9.71	-0.20	0.88	12.60	-0.30	1.50	8.47	0.30	1.30	
FXAHDJ	1.61	0.97	0.26	9.10	-0.77	0.52	11.68	-1.09	0.30	8.17	-0.04	0.73	
G8YTZJ	0.41	-0.37	0.15	9.75	-0.16	0.17	12.15	-0.69	0.01	8.16	-0.05	0.34	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JXXFTF	0.72	-0.02	0.21	9.57	-0.34	0.11	12.43	-0.44	0.59	7.86	-0.37	0.24	
K2EYDA	0.82	0.09	0.03	10.05	0.11	0.08	12.95	0.00	0.14	8.77	0.63	0.03	
K2WQPF	0.39	-0.39	0.01	9.88	-0.05	0.10	12.60	-0.30	0.37	8.14	-0.07	0.28	
K782FN	0.77	0.04	0.10	11.90	1.83	0.55	14.63	1.45	0.66	9.16	1.05	1.97	
L8H7TC	0.70	-0.04	0.11	9.13	-0.74	0.42	13.00	0.04	0.65	8.03	-0.19	0.83	
M3K2CD	0.36	-0.41	0.27	8.85	-1.00	0.54	11.03	-1.64	0.45	6.55	-1.81	0.66	
MDJ2PH	1.23	0.55	0.28	8.27	-1.54	0.26	10.43	-2.16	0.45	6.53	-1.83	0.60	
NUMVW G	2.00	1.40		9.00	-0.86		11.67	-1.10	1.25	8.00	-0.22		
PHP8HT	0.11	-0.69	0.11	10.00	0.06	0.12	12.60	-0.30	0.73	8.28	0.09	0.38	
QFZ6AK	0.87	0.15	0.47	9.47	-0.43	0.32	12.87	-0.07	0.61	7.72	-0.53	0.29	
QHL8TD	2.93	2.43	0.28	2.13	-7.23X	1.25	7.23	-4.90X	3.15	2.47	-6.30X	4.04	
UKYQQD	0.75	0.01	0.17	9.25	-0.63	0.11	11.72	-1.06	0.18	7.46	-0.81	0.19	
UYYPDA	3.15	2.67		10.44	0.47	1.01	13.10	0.13	1.17	8.63	0.48	0.54	
WMHKH X				9.70	-0.22	0.72	12.46	-0.42	0.89	7.96	-0.26	0.61	
XHF78D				9.01	-0.86	0.45	11.18	-1.52	0.52	7.33	-0.95	0.42	
XKMN79	8.33	8.40X	2.81	10.93	0.93	3.82	17.43	3.85X	3.25	12.23	4.43X	4.88	
Y4V33U	0.50	-0.26		9.73	-0.18	0.39	12.30	-0.56	0.75	7.50	-0.77	1.44	
ZM2WAQ	1.26	0.58	0.07	10.70	0.71	0.34	13.53	0.50	0.62	8.64	0.48	1.33	
ZRFFR8	0.93	0.22	0.22	10.27	0.32	0.15	13.05	0.09	0.20	8.40	0.22	0.46	

Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg
	SRB2401			SRB2402			SRB2403			SRB2404			
Grand Median	0.74			9.93			12.9			8.20			
Median Abs Dev	0.37			0.76			0.6			0.47			
Avg Within Lab SD	0.54			0.79			0.5			0.35			
Labs Included	37			44			43			43			
Labs Reporting	38			45			45			45			



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.18	0.18	0.44	1.60	0.65	1.04	0.52	0.63	0.92	0.56	0.34	0.47	
77WJFP	0.01	-0.10	0.01	1.25	-0.72	0.12	0.33	-0.24	0.01	0.39	-0.25	0.01	
7AVUCP	0.02	-0.09	0.02	1.52	0.31	0.15	0.40	0.07	0.09	0.46	-0.02	0.04	
8DDEWJ				1.42	-0.06	1.11				0.36	-0.36	0.64	
AFD723	0.00	-0.11	0.04	1.26	-0.70	0.31	0.37	-0.09	0.10	0.35	-0.37	0.03	
BCAQ6J	0.05	-0.04	0.97	1.46	0.10	0.62	0.50	0.53	0.61	0.54	0.26	0.33	
BURRXZ	0.23	0.27	0.17	1.50	0.23	0.24	0.38	0.00	0.17	0.79	1.09	0.06	
DFWJTV				1.20	-0.93	0.95	0.20	-0.87	0.00	0.37	-0.33	0.23	
DVWYFJ	0.07	0.00	0.00	1.30	-0.52	0.40	0.17	-1.00	0.21	0.82	1.20	3.59	
FB36JE				1.21	-0.87	0.24							
FBHKCL	0.02	-0.08	0.00	1.40	-0.14	0.55	0.39	0.04	0.37	0.50	0.13	0.09	
FF9VLK	0.13	0.11	0.24	1.44	0.00	0.60	0.54	0.73	2.12	0.89	1.46	0.56	
JXXFTF	0.65	0.97	2.94	1.85	1.62	2.97	0.74	1.70	0.65	0.74	0.95	0.07	
K2WQPF	0.01	-0.10	0.01	1.53	0.38	0.38	0.39	0.04	0.07	0.46	-0.02	0.08	
NUMVW G	0.35	0.47	0.68	1.93	1.94	1.10	0.90	2.45	3.01	1.30	2.84	1.70	
PHP8HT				0.96	-1.87	0.25	0.19	-0.92	0.02	0.06	-1.37	0.15	
WMHKH X				1.66	0.86	0.38	0.37	-0.05	0.28	0.46	0.00	0.15	
XHF78D	10.22	17.03X		1.47	0.11	1.97							
XKMN79	3.80	6.26	1.63	0.04	-5.45X	0.13	0.17	-1.02	1.21	1.87	4.78X	1.09	
ZRFFR8				1.23	-0.80	0.14	0.16	-1.08	0.20	0.32	-0.49	0.16	



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Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2401	SRB2402	SRB2403	SRB2404	
Grand Median	0.070	1.44	0.38	0.46	
Median Abs Dev	0.063	0.17	0.13	0.11	
Avg Within Lab SD	0.104	0.11	0.12	0.26	
Labs Included	13	19	17	17	
Labs Reporting	14	20	17	18	



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P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	0.03	-0.46	0.00	0.31	1.03	0.00	0.38	0.00	0.00	0.39	0.17	0.00	
74RQNC	0.03	-0.46	0.00	0.28	-1.24	1.08	0.35	-1.76	0.67	0.37	-1.56	1.07	
AFD723	0.04	0.86	0.06	0.29	-0.40	0.18	0.39	0.55	0.11	0.39	-0.17	0.14	
J9JG9P	0.04	1.16	2.79	0.32	2.16	1.08	0.40	1.10	0.67	0.40	0.75	0.62	
JVUGHM	0.03	0.46	0.38	0.30	0.10	1.21	0.38	-0.11	0.56	0.39	0.26	0.99	
PHP8HT	0.04	1.09	0.26	0.30	0.26	1.37	0.40	1.00	2.23	0.39	0.50	0.69	
RN7PNZ	0.03	-0.46	0.00	0.30	-0.10	1.08	0.37	-0.88	0.67	0.38	-0.69	0.00	
TXURR9	0.03	-0.46	0.00	0.30	-0.10	1.08	0.38	0.00	1.16	0.37	-1.27	2.23	

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	0.032	0.30	0.38	0.39		
Median Abs Dev	0.002	0.00	0.01	0.01		
Avg Within Lab SD	0.002	0.01	0.01	0.01		
Labs Included	8	8	8	8		
Labs Reporting	8	8	8	8		



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K (SubTestCode 226) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	0.13	-0.63	0.00	5.80	-1.09	0.07	2.31	-0.07	0.12	3.68	-0.13	0.14	
74RQNC	0.18	0.23	0.00	6.20	-0.24	1.48	2.23	-0.49	0.32	3.61	-0.37	0.85	
AFD723	0.15	-0.25	0.23	6.06	-0.54	0.73	2.45	0.65	0.76	3.80	0.29	0.51	
FUWZV3	0.31	2.41	0.09	9.58	7.12X	0.01	5.19	15.07X	0.01	7.38	12.76X	0.02	
J9JG9P	0.16	-0.06	1.83	6.85	1.20	0.42	2.53	1.07	0.30	3.91	0.66	0.43	
JVUGHM	0.27	1.85	2.09	6.41	0.23	1.76	2.34	0.07	0.66	3.76	0.13	0.82	
PHP8HT	0.17	0.01	0.61	7.24	2.04	0.66	2.66	1.75	2.45	4.41	2.42	1.29	
RN7PNZ	0.13	-0.63	0.00	6.29	-0.03	0.54	2.27	-0.26	0.35	3.55	-0.60	0.21	
TXURR9	0.17	0.00	0.92	6.32	0.03	1.13	2.12	-1.05	0.82	3.49	-0.80	2.11	

K (SubTestCode 226) in the Dry Ash Property Groups					Data units: Percent			
	SRB2401		SRB2402		SRB2403		SRB2404	
Grand Median	0.17		6.31		2.32		3.72	
Median Abs Dev	0.01		0.18		0.11		0.14	
Avg Within Lab SD	0.01		0.08		0.08		0.07	
Labs Included	9		8		8		8	
Labs Reporting	9		9		9		9	



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Ca (SubTestCode 227) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2MJBB9	0.03	-0.24	0.00	1.62	0.02	0.62	1.50	-0.12		0.91	0.00	0.00
74RQNC	0.03	-0.02	1.59	1.48	-0.62	1.10	1.39	-0.79	0.61	0.87	-0.41	1.13
AFD723	0.03	0.02	0.10	1.68	0.28	0.36	1.63	0.70	0.10	0.98	0.68	0.38
FUWZV3	0.02	-0.83	0.16	0.78	-3.70	0.02	1.14	-2.40	0.04	0.65	-2.63	0.17
J9JG9P	0.04	0.43	0.00	1.64	0.11	0.72	1.55	0.19	1.43	0.91	0.00	1.96
JVUGHM	0.12	6.12X	0.95	1.61	-0.02	1.19	1.55	0.20	1.20	0.99	0.79	0.98
PHP8HT	0.07	2.29	0.58	3.29	7.45X	8.60	3.10	9.81X	6.14	3.77	29.22X	33.90
RN7PNZ	0.05	0.88	1.59	1.64	0.11	0.36	1.54	0.12	0.40	0.96	0.48	0.65
TXURR9	0.02	-0.69	1.59	1.49	-0.54	2.05	1.38	-0.87	1.73	0.87	-0.41	1.13

Ca (SubTestCode 227) in the Dry Ash Property Groups

Data units: Percent

	SRB2401	SRB2402	SRB2403	SRB2404
Grand Median	0.034	1.62	1.52	0.91
Median Abs Dev	0.008	0.04	0.07	0.04
Avg Within Lab SD	0.004	0.03	0.03	0.01
Labs Included	8	8	8	8
Labs Reporting	9	9	9	9



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Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	0.02	0.00	0.00	0.31	0.30	1.35	0.51	0.00	0.00	0.67	0.19	0.00	
74RQNC	0.02	0.00	0.00	0.28	-1.20	0.00	0.47	-0.67	0.00	0.64	-0.19	0.73	
AFD723	0.02	0.58	0.15	0.33	1.21	0.67	0.58	1.26	0.09	0.92	2.96	0.57	
FUWZV3	0.01	-3.06	0.28	0.17	-6.05X	0.14	0.38	-2.24	0.04	0.54	-1.25	0.15	
J9JG9P	0.02	0.00	0.00	0.31	0.30	1.35	0.53	0.39	0.15	0.66	0.04	1.93	
JVUGHM	0.07	16.40X	0.14	0.29	-0.58	1.44	0.51	0.08	0.27	0.70	0.55	1.69	
PHP8HT	0.02	-0.66	0.23	0.32	0.59	0.06	0.55	0.69	2.98	1.23	6.54X	10.64	
RN7PNZ	0.02	0.00	0.00	0.30	-0.30	0.00	0.50	-0.22	0.15	0.65	-0.04	0.00	
TXURR9	0.02	1.09	2.80	0.29	-0.90	1.35	0.48	-0.51	0.00	0.64	-0.19	0.73	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent
	SRB2401	SRB2402	SRB2403	SRB2404	
Grand Median	0.020	0.31	0.51	0.65	
Median Abs Dev	0.001	0.01	0.03	0.02	
Avg Within Lab SD	0.002	0.00	0.04	0.01	
Labs Included	8	8	9	8	
Labs Reporting	9	9	9	9	



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2MJBB9	0.06	-0.76	0.00	0.37	-0.24	1.34	0.15	0.37	0.00	1.06	-0.97	0.21		
74RQNC	0.07	0.13	0.29	0.37	-0.33	1.08	0.13	-0.77	0.94	1.21	-0.06	0.12		
AFD723	0.08	1.05	0.36	0.47	0.98	0.34	0.16	1.23	0.54	1.26	0.20	0.10		
FUWZV3	0.12	5.08X	0.18	0.54	1.79	0.12	0.35	12.23X	0.43	2.25	6.03X	0.01		
J9JG9P	0.07	-0.13	1.77	0.37	-0.24	0.67	0.14	-0.41	1.44	1.19	-0.21	0.16		
JVUGHM	0.06	-0.78	1.53	0.42	0.35	1.08	0.14	0.02	0.63	1.29	0.41	0.11		
PHP8HT	0.08	1.17	1.51	0.55	1.83	1.25	0.17	1.75	1.50	1.73	2.97	2.76		
RN7PNZ	0.08	1.14	0.00	0.39	0.00	0.67	0.14	-0.02	1.44	1.23	0.06	0.16		
TXURR9	0.07	-0.25	0.18	0.37	-0.32	1.50	0.13	-0.82	0.14	1.13	-0.52	0.48		

Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent	
	SRB2401			SRB2402			SRB2403			SRB2404				
Grand Median	0.068			0.39			0.14			1.22				
Median Abs Dev	0.008			0.03			0.01			0.05				
Avg Within Lab SD	0.003			0.01			0.00			0.07				
Labs Included	8			9			8			8				
Labs Reporting	9			9			9			9				



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AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
74RQNC	0.5	-0.43	0.12	235.1	1.94	2.51	45.6	0.18	0.24	1,169.1	1.27	0.51	
8CZM43				114.6	-0.50	0.25	26.0	-1.28	1.11	698.2	-0.38	1.30	
AFD723	4.5	-0.21	0.03	121.1	-0.37	0.14	37.2	-0.45	0.07	522.5	-0.99	1.08	
FUWZV3	22.4	0.80	0.02	115.9	-0.48	0.00	53.2	0.75	0.00	1,008.0	0.71	0.00	
PHP8HT	9.2	0.06	0.81	179.7	0.82	0.10	43.2	0.00	0.24	738.0	-0.24	1.09	
RN7PNZ	52.4	2.49	2.30	169.7	0.61	0.71	63.6	1.52	2.23	806.0	0.00	1.37	
TXURR9	7.2	-0.06	0.24	139.4	0.00	0.28	35.9	-0.54	0.82	1,128.3	1.13	0.91	

AI (SubTestCode 230) in the Dry Ash Property Groups												Data units: mg/kg	
	SRB2401			SRB2402			SRB2403			SRB2404			
Grand Median	8.22			139.4			43.2			806.0			
Median Abs Dev	5.69			24.8			7.3			202.0			
Avg Within Lab SD	1.31			24.3			4.5			18.5			
Labs Included	6			7			7			7			
Labs Reporting	6			7			7			7			



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2401			SRB2402			SRB2403			SRB2404		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2MJBB9	1.6	-0.29	0.04	35.9	0.04	0.29	37.3	0.08	0.26	27.3	-0.12	0.06
74RQNC	9.0	1.84	3.04	36.0	0.06	2.36	36.5	-0.03	1.24	27.8	-0.04	0.98
8CZM43	54.1	14.62X	6.66	77.0	3.80X	6.24	109.6	8.89X	41.65	74.0	6.90X	3.45
AFD723	2.2	-0.10	0.04	39.6	0.39	0.34	41.5	0.59	0.14	29.6	0.22	0.47
FUWZV3	1.8	-0.22	0.00	19.3	-1.47	0.01	28.3	-1.02	0.01	23.8	-0.65	0.01
J9JG9P	7.3	1.35	0.73	43.3	0.72	0.66	44.7	0.97	0.59	37.7	1.44	1.30
JVUGHM	2.9	0.10	0.13	34.9	-0.04	0.65	37.0	0.03	1.14	28.3	0.04	0.73
L8H7TC	6.5	1.13	0.34	21.1	-1.30	1.37	22.8	-1.70	1.49	21.2	-1.03	0.85
PHP8HT	1.5	-0.31	0.23	9.6	-2.36	0.73	20.4	-1.99	0.83	9.8	-2.75	0.45
RN7PNZ	7.1	1.28	0.16	37.5	0.19	0.84	38.3	0.19	1.74	29.9	0.28	1.20
TXURR9	2.1	-0.13	0.12	33.6	-0.17	0.50	35.5	-0.15	0.88	29.2	0.17	2.05

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2401	SRB2402	SRB2403	SRB2404
Grand Median	2.57	35.4	36.7	28.1
Median Abs Dev	1.05	3.2	3.2	1.7
Avg Within Lab SD	1.59	0.9	1.0	0.9
Labs Included	10	10	10	10
Labs Reporting	11	11	11	11



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	6.6	1.29	0.31	44.2	1.81	0.64	55.3	1.86	1.29	50.0	0.43	0.40	
74RQNC	5.0	0.24	0.44	33.8	-0.10	0.67	44.2	-0.18	1.21	44.6	-0.30	0.59	
8CZM43	3.8	-0.54	2.77	35.0	0.13	1.22	45.2	0.00	0.58	47.0	0.02	0.94	
AFD723	4.7	0.08	0.03	27.7	-1.21	0.25	41.1	-0.75	1.08	38.5	-1.14	0.04	
FUWZV3	2.3	-1.50	0.01	22.4	-2.19	0.01	35.5	-1.77	0.01	37.8	-1.23	0.00	
J9JG9P	5.3	0.46	0.50	34.3	0.00	0.53	44.7	-0.09	1.07	42.7	-0.57	0.53	
JVUGHM	2.9	-1.09	0.12	34.6	0.05	0.79	46.6	0.26	0.64	46.8	0.00	0.52	
PHP8HT	2.9	-1.09	0.25	10.1	-4.46X	0.39	26.0	-3.53X	0.43	25.2	-2.96X	0.27	
RN7PNZ	5.2	0.37	0.83	36.9	0.48	1.59	51.2	1.10	0.70	48.3	0.20	0.51	
TXURR9	4.5	-0.08	1.00	33.8	-0.09	1.78	45.4	0.05	1.52	62.8	2.18	2.61	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2401		SRB2402		SRB2403	
Grand Median	4.62		34.3		45.2	
Median Abs Dev	0.78		0.7		1.4	
Avg Within Lab SD	1.15		1.1		1.1	
Labs Included	10		9		9	
Labs Reporting	10		10		10	



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	5.0	-0.68	0.17	58.3	0.32	0.54	120.3	0.06	0.31	59.3	-0.03	0.40	
74RQNC	9.1	1.66	2.25	54.8	-0.43	1.21	110.9	-1.05	0.40	59.7	0.03	0.45	
AFD723	5.5	-0.43	0.60	63.5	1.44	0.28	134.0	1.67	0.62	64.6	1.07	0.04	
FUWZV3	6.3	0.06	0.02	36.3	-4.44X	0.01	84.5	-4.18X	0.31	44.3	-3.17X	0.00	
J9JG9P	9.0	1.59		55.3	-0.32	1.43	113.3	-0.77	0.62	50.7	-1.84	1.05	
JVUGHM	5.5	-0.40	0.90	59.1	0.48	1.20	123.2	0.40	1.69	61.2	0.36	1.14	
PHP8HT	6.2	0.00	0.68	59.9	0.67	0.78	129.7	1.17	0.91	60.2	0.14	0.28	
RN7PNZ	4.9	-0.76	0.52	52.7	-0.89	0.52	119.4	-0.06	0.65	55.7	-0.79	0.30	
TXURR9	7.1	0.49	1.00	52.9	-0.84	1.34	118.0	-0.22	1.69	54.1	-1.12	2.25	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2401		SRB2402		SRB2403	
Grand Median	6.23		56.8		119.9	
Median Abs Dev	0.86		2.7		4.9	
Avg Within Lab SD	0.34		1.1		1.8	
Labs Included	9		8		8	
Labs Reporting	9		9		9	



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	6.5	-0.08	0.02	140.0	0.90	0.23	38.3	0.00	0.55	617.7	0.06	0.08	
74RQNC	10.9	0.63	2.01	185.1	5.70X	1.72	55.1	2.01	1.77	971.9	4.43X	1.11	
AFD723	6.6	-0.08	0.09	143.4	1.26	0.58	45.7	0.89	0.42	683.2	0.86	0.36	
FUWZV3	16.5	1.55	0.00	123.6	-0.85	0.01	54.7	1.97	0.01	531.2	-1.01	0.00	
J9JG9P	20.7	2.23	2.09	130.7	-0.10	0.81	34.7	-0.43	1.06	469.7	-1.77	0.29	
JVUGHM	7.0	0.00	0.11	119.3	-1.31	1.48	37.6	-0.08	0.89	608.7	-0.06	1.31	
PHP8HT	7.9	0.14	0.50	134.3	0.29	1.45	38.5	0.03	0.69	559.7	-0.66	0.15	
RN7PNZ	3.0	-0.65	0.46	132.5	0.10	0.52	36.3	-0.24	0.89	650.5	0.46	0.30	
TXURR9	2.7	-0.71	0.32	126.0	-0.60	1.55	34.7	-0.43	1.48	654.6	0.51	2.44	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	7.03	131.6	38.3	613.2		
Median Abs Dev	3.83	6.8	3.6	47.5		
Avg Within Lab SD	2.41	4.3	1.1	19.0		
Labs Included	9	8	9	8		
Labs Reporting	9	9	9	9		



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MJBB9	1.12	0.74	0.14	10.87	0.79	0.10	13.37	0.00	0.29	8.67	0.31	0.79	
74RQNC	1.57	1.56	2.39	9.60	-0.21	2.40	12.40	-0.76	2.07	8.20	0.00	1.00	
AFD723	0.50	-0.41	0.10	10.29	0.33	0.05	13.37	0.00	0.23	8.29	0.06	0.08	
FUWZV3	0.79	0.13	0.00	3.95	-4.70X	0.00	6.12	-5.66X	0.00	4.13	-2.68	0.00	
J9JG9P	1.33	1.13	1.45	10.00	0.10		13.67	0.23	1.09	8.00	-0.13		
JVUGHM	0.72	0.00	0.02	9.47	-0.32	0.30	12.79	-0.45	0.82	8.18	-0.02	0.40	
PHP8HT	0.50	-0.41	0.11	9.74	-0.10	0.64	13.53	0.13	0.12	8.40	0.13	1.02	
RN7PNZ	0.10	-1.15		6.03	-3.05	0.42	8.90	-3.49	0.33	4.67	-2.32	1.15	
TXURR9	0.43	-0.54	0.34	10.48	0.48	0.75	13.80	0.34	1.27	8.86	0.44	1.96	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	0.72	9.87	13.4	8.20		
Median Abs Dev	0.29	0.41	0.4	0.20		
Avg Within Lab SD	0.40	0.61	0.5	0.26		
Labs Included	9	8	8	9		
Labs Reporting	9	9	9	9		



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB2401			SRB2402			SRB2403			SRB2404
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AFD723	0.01		1.06	1.07		0.13	0.30		0.22	0.34 1.40
FUWZV3	0.10		0.94	0.89		0.36	0.39		0.11	0.79 0.18
PHP8HT	0.00			0.59		1.69	0.16		1.71	

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2401	SRB2402	SRB2403	SRB2404	
Grand Median	0.014	0.89	0.30	0.56	
Median Abs Dev					
Avg Within Lab SD	0.001	0.02	0.02	0.01	
Labs Included	3	3	3	2	
Labs Reporting	3	3	3	2	



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As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.02	-0.29	0.34	0.18	0.00	0.16	0.06	-0.23	0.02	0.48	0.00	0.61	
77WJFP	0.08	0.29	2.30	0.14	-0.04	0.37	0.13	-0.16	0.06	0.43	-0.08	1.39	
7AVUCP	0.02	-0.29	0.62	0.16	-0.02	0.23	0.06	-0.24	0.05	0.45	-0.05	0.40	
BURRXZ	1.06	9.87X	17.32	2.08	1.98	0.63	2.02	1.73	0.39	2.05	2.34	1.43	
DVWYFJ	0.28	2.28	0.00	2.40	2.32	2.52	2.21	1.93	1.87	2.16	2.50	1.80	
FBHKCL	0.10	0.56	0.00	0.52	0.36	0.00	0.46	0.16	2.08	0.63	0.22	0.00	
FUWZV3							0.99	0.70	0.01	0.20	-0.43	0.03	
K2WQPF	0.01	-0.34	0.46	0.17	0.00	0.17	0.06	-0.24	0.02	0.50	0.02	0.53	
ZRFFR8										0.20	-0.43		

As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2401			SRB2402			SRB2403			SRB2404			
Grand Median	0.046			0.18			0.29			0.48			
Median Abs Dev	0.032			0.03			0.24			0.15			
Avg Within Lab SD	0.002			0.04			0.08			0.02			
Labs Included	6			7			8			9			
Labs Reporting	7			7			8			9			



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Ba (SubTestCode 238) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.9	0.82	0.31	20.9	0.63	1.19	35.5	0.26	0.79	14.4	1.55	0.22	
7AVUCP	0.9	0.85	0.57	20.7	0.44	0.21	35.1	0.00	0.54	10.8	-0.87	0.94	
8DDEWJ	0.7	-1.00	2.25	19.9	-0.48	0.08	36.6	1.16	0.51	11.7	-0.27	0.66	
DVWYFJ	0.8	-0.36	0.44	21.1	0.88	0.89	36.5	1.08	0.98	10.5	-1.08	0.72	
ET234V	2.0	11.37X	7.59	20.0	-0.34	2.11	34.8	-0.24	1.09	12.8	0.48	1.60	
FBHKCL	0.8	-0.65	0.35	18.6	-1.94	0.34	33.4	-1.30	1.13	12.1	0.00	0.40	
K2WQPF	0.9	0.36	0.43	20.3	0.00	0.43	34.2	-0.69	1.55	12.8	0.48	1.55	
ZRFFR8				26.6	6.98X		41.6	4.96X		38.4	17.80X		

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2401		SRB2402		SRB2403	
Grand Median	0.83		20.3		35.1	
Median Abs Dev	0.08		0.4		0.9	
Avg Within Lab SD	0.03		0.5		0.6	
Labs Included	6		7		7	
Labs Reporting	7		8		8	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.00	-0.22	0.05	0.25	0.23	0.05	0.07	0.26	0.12	0.44	0.08	0.15	
77WJFP	0.01	-0.08	0.06	0.24	0.09	0.05	0.07	0.27	0.08	0.43	-0.02	0.19	
7AVUCP	0.00	-0.27	0.06	0.26	0.50	0.15	0.07	0.18	0.03	0.43	0.00	0.20	
8DDEWJ										0.52	1.42	2.33	
BURRXZ	0.03	0.98	0.65	0.10	-3.61	0.31	0.02	-1.89	0.42	0.37	-0.92	0.53	
DVWYFJ	0.04	1.59	0.37	0.50	6.85X	0.48	0.34	11.84X	1.11	0.67	3.91X	0.15	
ET234V	0.05	1.89	2.73	0.25	0.18	2.61	0.04	-0.96	2.60	0.54	1.84	1.47	
FBHKCL	0.01	0.08	0.00	0.24	-0.09	0.19	0.05	-0.63	0.00	0.40	-0.56	0.15	
K2WQPF	0.00	-0.28	0.01	0.22	-0.46	0.21	0.06	-0.18	0.17	0.40	-0.55	0.15	
ZRFFR8				0.23	-0.24		0.09	1.01		0.47	0.68		

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2401		SRB2402		SRB2404	
Grand Median	0.009		0.24		0.43	
Median Abs Dev	0.006		0.01		0.03	
Avg Within Lab SD	0.015		0.03		0.04	
Labs Included	8		8		9	
Labs Reporting	8		9		10	



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Co (SubTestCode 240) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
22Z7Q6	0.02	-0.50	0.12	0.17	-0.04	0.07	0.10	0.02	0.02	0.48	0.16	0.29		
7AVUCP	0.02	-0.58	0.05	0.15	-0.28	0.02	0.10	-0.02	0.09	0.47	0.03	0.26		
BURRXZ	0.02	-0.43	0.63	0.03	-1.30	0.10	0.02	-0.89	0.00	0.19	-2.05	0.35		
DFWJTV	0.09	1.59	2.75	0.07	-0.96	0.36	0.13	0.31	0.53	0.46	-0.03	0.35		
DVWYFJ	0.05	0.43	0.00	0.36	1.66	0.46	0.35	2.71	0.71	0.65	1.38	0.35		
ET234V	0.16	3.80X	4.53	0.37	1.79	1.19	0.25	1.67	2.06	0.69	1.69	2.74		
FBHKCL	0.06	0.81	0.00	0.14	-0.30	0.11	0.09	-0.07	0.19	0.43	-0.20	0.36		
FF9VLK	0.05	0.43	0.00	0.18	0.04	2.67	0.18	0.82	1.98	0.57	0.79	0.91		
K2WQPF	0.02	-0.63	0.18	0.20	0.22	0.32	0.09	-0.07	0.03	0.45	-0.11	0.18		
ZRFFR8				0.19	0.14		0.09	-0.16		0.42	-0.30			

Co (SubTestCode 240) in the Heavy Metals Property Groups													Data units: mg/kg	
	SRB2401			SRB2402			SRB2403			SRB2404				
Grand Median	0.037			0.18			0.10			0.46				
Median Abs Dev	0.017			0.03			0.02			0.03				
Avg Within Lab SD	0.009			0.06			0.06			0.04				
Labs Included	8			10			10			10				
Labs Reporting	9			10			10			10				



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.25	0.57	0.20	1.57	0.29	0.37	1.45	-0.34	0.01	2.07	0.51	0.09	
77WJFP	0.24	0.45	0.37	1.62	0.45	0.76	5.09	1.22	0.34	2.24	1.15	0.65	
7AVUCP	0.21	0.16	0.21	1.15	-0.98	0.72	7.65	2.33	2.86	1.86	-0.24	0.32	
8CZM43										0.01	-7.07X	0.01	
8DDEWJ	0.19	0.00	2.22	0.75	-2.20	1.96	2.42	0.07	0.71	1.71	-0.82	1.22	
BURRXZ	0.48	2.47	0.20	1.73	0.79	0.19	2.31	0.02	0.02	1.96	0.10	0.32	
DVWYFJ	0.02	-1.39	0.00	1.06	-1.27	0.34	2.20	-0.02	0.24	1.67	-0.96	0.96	
ET234V	0.14	-0.40	1.95	1.36	-0.36	1.86	1.97	-0.12	0.33	1.83	-0.37	2.36	
FBHKCL	0.12	-0.58	0.08	1.52	0.14	0.19	1.72	-0.23	0.07	2.10	0.63	0.00	
K2WQPF	0.18	-0.06	0.12	1.43	-0.13	0.54	1.43	-0.36	0.04	1.90	-0.10	0.60	
ZRFFR8				1.52	0.13		6.96	2.03		2.44	1.87		

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2401	SRB2402	SRB2403	SRB2404		
Grand Median	0.19	1.47	2.25	1.93		
Median Abs Dev	0.05	0.13	0.67	0.16		
Avg Within Lab SD	0.08	0.11	2.26	0.11		
Labs Included	9	10	10	10		
Labs Reporting	9	10	10	11		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.02	-0.42	1.57	0.17	0.34	0.23	0.10	-0.45	0.05	0.83	0.75	0.17	
77WJFP	0.06	0.00	0.94	0.16	0.00	0.29	0.19	0.61	0.36	0.68	0.02	0.19	
7AVUCP	0.01	-0.46	0.49	0.15	-0.08	0.25	0.09	-0.56	0.13	0.71	0.13	0.09	
8DDEWJ										1.09	1.98	2.60	
BURRXZ	0.24	1.82	1.82	0.26	1.76	0.22	0.25	1.30		0.26	-2.03	0.00	
DVWYFJ	0.17	1.10	0.00	1.96	31.35X	8.52	2.12	22.75X	8.15	2.59	9.22X	1.03	
FBHKCL	0.10	0.44	0.00	0.17	0.31	2.33	0.18	0.45	2.20	0.60	-0.40	0.35	
K2WQPF	0.01	-0.49	0.30	0.15	-0.11	0.55	0.08	-0.68	0.10	0.66	-0.08	0.17	
ZRFFR8				0.03	-2.13					0.68	-0.02		

Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg
	SRB2401			SRB2402			SRB2403			SRB2404			
Grand Median	0.059			0.16			0.14			0.68			
Median Abs Dev	0.047			0.02			0.05			0.05			
Avg Within Lab SD	0.003			0.03			0.03			0.18			
Labs Included	7			7			6			8			
Labs Reporting	7			8			7			9			



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2401			SRB2402			SRB2403			SRB2404			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	1.5	-0.32	0.42	161.8	0.16	0.33	123.1	0.01	1.32	68.5	0.65	0.70	
7AVUCP	1.6	0.63	0.86	161.7	0.15	1.03	123.0	-0.01	0.53	66.0	-0.13	1.22	
8DDEWJ	1.6	0.84	0.33	157.8	-0.15	0.73	126.6	0.72	0.43	70.4	1.23	0.68	
DFWJTV	1.5	0.08	1.58	144.4	-1.22	0.52	116.0	-1.44	0.32	63.5	-0.92	1.12	
DVWYFJ	1.5	-0.08	0.66	167.1	0.59	2.05	124.9	0.37	1.52	66.0	-0.14	1.46	
FBHKCL	4.0	41.08X	14.90	147.7	-0.96	0.80	114.5	-1.74	1.42	66.0	-0.15	0.61	
K2WQPF	1.4	-2.09	1.42	165.0	0.42	0.44	121.3	-0.35	0.62	66.9	0.13	0.91	
ZRFFR8				137.8	-1.75		126.8	0.76		73.0	2.05		

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2401		SRB2402		SRB2403	
Grand Median	1.52		159.8		123.0	
Median Abs Dev	0.03		6.3		2.7	
Avg Within Lab SD	0.03		2.3		1.9	
Labs Included	6		8		8	
Labs Reporting	7		8		8	



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PH (SubTestCode 301)

Data units:

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	7.88	-0.03	1.33	8.34	1.09	3.03	7.83	-0.39	2.08
42AU62	7.84	-0.29	1.14	8.17	-0.54	1.15	7.56	-1.65	1.36
7J3C82	8.01	0.85	0.25	8.02	-2.05	0.26	7.75	-0.73	1.03
7KHVRY	7.33	-3.85X	0.50	8.02	-2.01	0.46	7.71	-0.92	0.31
8CZM43	7.68	-1.43	0.16	7.84	-3.74X	0.52	7.43	-2.24	0.41
8DDEWJ	7.89	0.03	0.00	8.25	0.19		8.00	0.42	
BURRXZ	8.10	1.50	0.00	8.20	-0.29	0.00	7.73	-0.83	1.18
FB36JE	7.87	-0.10	0.00	8.24	0.13	0.10	8.06	0.69	0.12
FBHKCL	7.64	-1.71	0.00	8.08	-1.44	0.00	7.65	-1.22	0.00
FTHDKE	8.07	1.29	1.07	8.30	0.70	0.10	7.99	0.36	1.24
FWHLNP	7.85	-0.22	1.38	8.24	0.06	0.50	8.03	0.55	0.12
FXAHDJ	7.67	-1.52	0.50	8.08	-1.41	0.26	7.90	-0.06	0.77
J9JG9P	7.85	-0.24	0.59	8.18	-0.48	0.30	7.51	-1.87	0.73
K782FN	7.82	-0.45	0.86	8.16	-0.64	0.56	7.96	0.22	0.31
KNPZM8	8.07	1.30	0.17	8.32	0.87	0.11	8.00	0.41	0.04
M3K2CD	7.90	0.10	1.63	8.13	-0.93	1.00	7.33	-2.70X	2.35
NLRTU7	7.68	-1.45	0.57	8.26	0.26	0.36	7.86	-0.25	0.82
UKYQQD	7.91	0.15	2.05	8.25	0.16	1.47	7.96	0.22	1.98
UYYPDA	7.96	0.50	0.34	8.24	0.10	0.30	7.98	0.31	1.12
VRW3YE	7.90	0.08	1.58	8.22	-0.06	0.50	7.92	0.06	0.42
XMEJU3	7.92	0.22	1.63	8.24	0.10	1.96	7.93	0.09	1.13



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PH (SubTestCode 301)	SRW2401	SRW2402	SRW2403	Data units:
Grand Median	7.89	8.23	7.91	
Median Abs Dev	0.05	0.05	0.09	
Avg Within Lab SD	0.06	0.06	0.05	
Labs Included	20	20	20	
Labs Reporting	21	21	21	



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	1.46	1.69	2.91	0.94	1.87	1.36	0.31	1.84	1.43
42AU62	1.39	-0.10	1.35	0.88	-0.54	2.49	0.29	-0.52	1.60
7J3C82	1.36	-0.78	1.40	0.87	-0.95	1.83	0.29	0.22	1.60
7KHVRY	1.41	0.40	0.67	0.86	-1.35	0.37	0.27	-2.04	0.74
8CZM43	1.40	0.15	0.67	0.90	0.00	0.69	0.29	0.22	1.60
8DDEWJ	1.41	0.36	0.17	0.90	0.14	0.12	0.29	0.00	0.16
BURRXZ	1.42	0.66	0.00	0.91	0.41	0.69	0.29	-0.15	0.00
FB36JE	1.37	-0.64	0.25	0.87	-0.91	0.30	0.28	-0.78	0.42
FBHKCL	1.36	-0.86	0.00	0.88	-0.68	0.00	0.29	-0.15	0.00
FTHDKE	1.43	0.89	0.93	0.90	0.19	0.14	0.29	0.09	0.18
FWHLNP	1.42	0.74	0.39	0.91	0.73	0.42	0.30	0.59	0.70
FXAHDJ	1.34	-1.28	1.40	0.85	-1.76	1.38	0.27	-2.01	1.60
J9JG9P	1.38	-0.44	0.39	0.88	-0.54	1.83	0.29	0.22	1.60
K782FN	1.41	0.32	0.39	0.90	0.12	0.07	0.29	-0.15	0.00
KNPZM8	1.40	0.16	0.38	0.90	0.18	0.26	0.31	1.97	0.23
M3K2CD	1.46	1.59	1.03	0.92	1.08	0.69	0.30	0.59	1.60
NLRTU7	1.36	-0.83	1.16	0.88	-0.51	0.19	0.28	-1.10	0.51
UKYQQD	1.38	-0.32	0.17	0.89	-0.08	0.25	0.29	0.26	0.42
UYYPDA	1.33	-1.62		0.93	1.35		0.30	0.97	
VRW3YE	1.39	0.00	0.36	0.91	0.39	0.25	0.29	0.00	0.32
XMEJU3	1.38	-0.33	0.87	0.89	-0.38	1.11	0.29	-0.30	0.80



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EC (SubTestCode 302)

Data units: dS/m

	SRW2401	SRW2402	SRW2403
Grand Median	1.39	0.90	0.29
Median Abs Dev	0.03	0.01	0.00
Avg Within Lab SD	0.01	0.01	0.00
Labs Included	21	21	21
Labs Reporting	21	21	21



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	6.399	0.19	1.19	0.052	0.13	0.54	1.696	0.15	0.30
42AU62	5.867	-1.11	1.59	0.037	-0.36	1.36	1.260	-2.34	1.08
7J3C82	6.453	0.32	0.36	0.023	-0.78	0.38	1.683	0.08	0.94
8CZM43	6.164	-0.39	1.36				1.654	-0.09	0.50
8DDEWJ	6.321	0.00	0.17	0.039	-0.28	0.29	1.695	0.14	0.06
BURRXZ	6.786	1.14	0.00	0.050	0.05	0.00	1.796	0.72	0.00
FB36JE	3.195	-7.64X	0.06				0.820	-4.85X	0.08
FBHKCL	6.166	-0.38	0.04	0.037	-0.37	0.06	1.586	-0.48	0.29
FTHDKE	7.141	2.00	0.39	0.035	-0.43	0.39	1.948	1.59	0.84
FWHLNP	5.917	-0.99	0.30	0.216	5.27X	5.66	1.670	0.00	0.31
FXAHDJ	6.300	-0.05	0.17				1.610	-0.34	0.00
J9JG9P	6.067	-0.62	0.97	0.077	0.89	0.38	1.533	-0.78	0.89
K782FN	7.000	1.66	1.82	0.047	-0.05	1.36	1.793	0.70	2.77
KNPZM8	6.407	0.21	1.11	0.131	2.61	0.45	1.993	1.84	0.89
M3K2CD	6.323	0.00	1.26	0.063	0.47	0.38	1.680	0.06	1.01
UKYQQD	5.503	-2.00	1.89	0.061	0.41	0.27	1.423	-1.41	1.84
UYYPDA	2.820	-8.56X	0.58	0.040	-0.26	0.00	0.690	-5.59X	0.53
VRW3YE	6.267	-0.13	0.24				1.610	-0.34	0.15
XMEJU3	6.430	0.27	0.21	0.123	2.35	3.01	1.597	-0.42	0.09

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW2401	SRW2402	SRW2403
Grand Median	6.32	0.048	1.67
Median Abs Dev	0.15	0.012	0.07
Avg Within Lab SD	0.24	0.015	0.06
Labs Included	17	14	17
Labs Reporting	19	15	19



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Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	5.480	0.48	1.46	0.023	-0.21	0.98	0.762	0.44	0.44
42AU62	5.433	0.36	1.20	0.013	-0.63	0.78	0.657	-1.16	0.56
7J3C82	5.503	0.54	0.78	0.017	-0.49	0.78	0.743	0.15	0.56
8CZM43	5.543	0.65	1.03				0.743	0.14	0.54
8DDEWJ	5.246	-0.14	0.09	0.013	-0.66	0.16	0.734	0.01	0.08
BURRXZ	5.225	-0.20	0.00	0.028	-0.02	0.00	0.741	0.11	0.00
FB36JE	2.620	-7.17X	0.08				0.345	-5.86X	0.00
FBHKCL	5.299	0.00	0.04	0.014	-0.61	0.08	0.703	-0.45	0.25
FTHDKE	5.797	1.33	0.05	0.029	0.02	2.62	0.795	0.93	0.45
FWHLNP	5.050	-0.67	0.41	0.083	2.32	1.09	0.787	0.81	0.53
FXAHDJ	5.137	-0.44	0.17				0.627	-1.61	0.21
J9JG9P	5.300	0.00	0.52	0.047	0.78	0.78	0.733	0.00	2.11
K782FN	6.233	2.50	1.66	0.043	0.64	0.78	0.840	1.61	1.93
KNPZM8	4.617	-1.83	0.39	0.059	1.28	1.23	0.722	-0.17	1.10
M3K2CD	5.460	0.43	1.00	0.030	0.07	0.00	0.730	-0.05	1.27
UKYQQD	4.827	-1.27	2.17				0.629	-1.57	2.02
UYYPDA	2.497	-7.50X	0.11	0.020	-0.35	0.00	0.333	-6.04X	0.42
VRW3YE	5.367	0.18	0.30				0.723	-0.15	0.21
XMEJU3	5.130	-0.45	1.61	0.060	1.35		0.593	-2.11	0.42

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW2401	SRW2402	SRW2403
Grand Median	5.30	0.028	0.73
Median Abs Dev	0.17	0.015	0.03
Avg Within Lab SD	0.19	0.007	0.03
Labs Included	17	14	17
Labs Reporting	19	14	19



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	4.71	1.42	1.45	9.39	0.91	0.60	0.65	1.65	0.75
42AU62	4.38	0.39	0.72	8.72	0.03	0.42	0.56	0.23	0.25
7J3C82	4.26	0.00	0.31	8.99	0.38	0.56	0.55	0.09	0.25
8CZM43	4.35	0.30	1.12	8.70	0.01	1.82	0.55	0.13	0.48
8DDEWJ	4.26	0.00	0.39	8.81	0.14	0.13	0.54	0.00	0.13
BURRXZ	4.05	-0.66	0.00	8.53	-0.23	0.00	0.52	-0.27	0.00
FB36JE	4.28	0.07	0.34	8.70	0.00	0.18	0.50	-0.55	0.25
FBHKCL	4.18	-0.23	0.05	8.54	-0.22	0.12	0.54	-0.06	0.05
FTHDKE	4.62	1.13	0.14	9.36	0.88	0.12	0.59	0.72	0.23
FWHLNP	4.02	-0.75	0.43	8.09	-0.81	0.94	0.54	-0.03	0.05
FXAHDJ	4.20	-0.17	0.19	8.45	-0.33	0.48	0.46	-1.13	0.67
J9JG9P	3.60	-2.06	0.00	7.47	-1.63	0.64	0.50	-0.59	
K782FN	4.80	1.70	1.30	9.97	1.67	0.24	0.66	1.69	2.41
KNPZM8	4.00	-0.79	0.27	6.58	-2.80	0.87	0.66	1.73	1.15
M3K2CD	4.33	0.24	1.88	8.75	0.07	0.75	0.57	0.48	1.01
UKYQQD	3.68	-1.80	2.34	7.73	-1.29	2.58	0.46	-1.23	1.67
UYYPDA	3.95	-0.97	1.87	7.67	-1.36	2.24	0.44	-1.52	1.77
VRW3YE	4.27	0.03	0.43	8.70	0.00	0.42	0.50	-0.55	0.91
XMEJU3	4.22	-0.10	0.28	8.75	0.07	0.10	0.55	0.19	1.26

Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2401	SRW2402	SRW2403
Grand Median	4.26	8.70	0.54
Median Abs Dev	0.12	0.25	0.04
Avg Within Lab SD	0.13	0.24	0.02
Labs Included	19	19	19
Labs Reporting	19	19	19



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.211	1.23	0.58	0.060	2.43	1.14	0.064	1.46	1.71
42AU62	0.183	-0.38	0.51	0.027	-0.27	1.46	0.037	-0.45	0.90
7J3C82	0.190	0.00	0.89	0.020	-0.82	0.00	0.040	-0.22	0.00
7KHVRY	0.192	0.12	0.23	0.107	6.34X	0.63	0.075	2.25	0.48
8CZM43	0.168	-1.25	0.75	0.014	-1.29		0.018	-1.79	3.12
8DDEWJ	0.185	-0.29	0.09	0.023	-0.55	0.15	0.042	-0.10	0.09
BURRXZ	0.192	0.11	0.00	0.026	-0.36	0.00	0.051	0.56	0.00
FB36JE	0.200	0.58	0.00						
FBHKCL	0.205	0.85	0.08	0.031	0.11	0.39	0.045	0.11	0.28
FTHDKE	0.206	0.91	0.04	0.030	0.01	0.33	0.040	-0.21	0.34
FWHLNP	0.186	-0.23	0.46	0.031	0.11	1.91	0.043	-0.01	0.41
FXAHDJ	0.183	-0.38	0.51	0.030	0.00	0.00	0.043	0.01	0.90
J9JG9P	0.207	0.96	0.51	0.030	0.00	0.00	0.050	0.48	0.00
KNPZM8	0.190	-0.01	0.14	0.034	0.34	0.54	0.047	0.25	0.70
M3K2CD	0.190	0.00	0.89	0.023	-0.55	1.46	0.040	-0.22	0.00
UKYQQD	0.218	1.59	3.20	0.063	2.73	1.46	0.078	2.45	0.77
UYYPDA	0.173	-0.96	1.02	0.023	-0.55	1.46	0.040	-0.22	0.00
XMEJU3	0.150	-2.30	1.77	0.103	6.01X	11.65	0.103	4.20X	7.21

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2401	SRW2402	SRW2403
Grand Median	0.19	0.030	0.043
Median Abs Dev	0.01	0.004	0.003
Avg Within Lab SD	0.01	0.004	0.006
Labs Included	18	15	16
Labs Reporting	18	17	17



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NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
	SRW2401			SRW2402			SRW2403			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	0.005		1.72	0.029		0.44	0.008		1.67	
8CZM43	0.034			0.384		1.57				
8DDEWJ	0.001		0.00	0.024		0.00	0.003		0.43	
BURRXZ	0.540	X	0.00	0.560	X	0.00	0.294	X	0.00	
FBHKCL	0.001		0.18	0.022		1.16	0.002		0.16	

NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
	SRW2401			SRW2402			SRW2403			
Grand Median	0.003			0.027			0.003			
Median Abs Dev										
Avg Within Lab SD	0.001			0.001			0.001			
Labs Included	4			4			3			
Labs Reporting	5			5			4			



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	16.80	1.38	1.48	9.55	1.60	0.56	3.18	0.98	0.42	
42AU62	15.86	-0.88	1.01	8.80	0.09	0.46	2.51	-1.93	1.03	
7J3C82	16.40	0.42	0.37	9.05	0.59	0.48	3.01	0.24	0.90	
8CZM43	16.23	0.00	1.33	8.71	-0.09	1.62	2.96	0.00	0.93	
FBHKCL	15.86	-0.90	0.02	8.64	-0.23	0.12	2.87	-0.37	0.43	
FXAHDJ	15.82	-0.97	0.15	8.48	-0.55	0.42	2.74	-0.93	0.37	
M3K2CD	16.30	0.17	1.37	8.87	0.23	0.67	3.02	0.28	1.94	
UYYPDA	9.44	-16.31X	0.74	7.75	-2.02	1.99	1.50	-6.29X	0.26	

Sum Cations (SubTestCode 308) in the Cations Property Groups				Data units: mmolc/L
	SRW2401	SRW2402	SRW2403	
Grand Median	16.2	8.75	2.96	
Median Abs Dev	0.4	0.20	0.08	
Avg Within Lab SD	0.5	0.27	0.07	
Labs Included	7	8	7	
Labs Reporting	8	8	8	



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

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
42AU62	1.8	2.17	1.82	58.7	0.34	2.14	0.6	1.72	1.56
7J3C82	1.7	-0.61	0.65	60.8	0.48	0.55	0.5	-0.08	0.52
FB36JE	1.8	0.17	0.31				0.5	-0.82	0.52
FBHKCL	1.7	-0.32	0.08	53.8	0.00	0.10	0.5	0.04	0.14
FXAHDJ	1.8	-0.17	0.23				0.4	-1.40	1.38
J9JG9P	1.5	-6.76X		30.1	-1.63	0.27	0.5	0.00	
M3K2CD	1.8	0.61	1.45	40.6	-0.91	0.23	0.5	0.66	1.04

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

	SRW2401	SRW2402	SRW2403
Grand Median	1.76	53.8	0.50
Median Abs Dev	0.02	7.0	0.03
Avg Within Lab SD	0.05	6.3	0.01
Labs Included	6	5	7
Labs Reporting	7	5	7



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
WebCode	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FXAHDJ	3.9		0.77				0.6		0.75	
J9JG9P	1.7		0.00	20.8		1.29	0.4		0.00	
M3K2CD	4.1		1.55	5.3		0.59	0.6		1.56	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median		3.85			13.1			0.61		
Median Abs Dev										
Avg Within Lab SD		0.13			0.4			0.01		
Labs Included		3			2			3		
Labs Reporting		3			2			3		



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HCO3 (SubTestCode 311) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	3.73	0.00	0.48	3.16	-0.39	0.36	1.51	-0.16	0.09	
42AU62	3.72	-0.02	0.63	3.18	-0.33	0.24	1.52	-0.13	0.09	
7J3C82	4.12	0.85	0.68	3.52	0.60	0.19	1.71	0.28	0.05	
8CZM43	3.92	0.41	0.80	3.38	0.23	0.49	2.81	2.67	3.38	
BURRXZ	7.16	7.49X	0.00	6.10	7.69X	0.00	2.70	2.45	0.00	
FBHKCL	4.00	0.59		3.30	0.00	0.00	1.60	0.04	0.00	
FTHDKE	3.97	0.52	0.30	3.41	0.31	0.61	1.56	-0.04	0.27	
FXAHDJ	4.34	1.32	0.57	3.46	0.45	0.52	1.80	0.47	0.21	
J9JG9P	3.27	-1.01	0.57	3.07	-0.64	0.63	1.47	-0.25	0.36	
M3K2CD	3.29	-0.97	0.19	2.85	-1.23	0.36	1.33	-0.55	0.05	
UYYPDA	3.04	-1.51	0.17	2.59	-1.95	0.62	1.22	-0.79	0.05	
XMEJU3	3.63	-0.21	2.73	3.77	1.28	3.00	1.70	0.26	0.55	

HCO3 (SubTestCode 311) in the Anions Property Groups										Data units: mmolc/L
	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	3.73			3.30			1.58			
Median Abs Dev	0.27			0.16			0.12			
Avg Within Lab SD	0.20			0.18			0.32			
Labs Included	11			11			12			
Labs Reporting	12			12			12			



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CO3 (SubTestCode 312) in the Anions Property Groups										Data units: mmolc/L
SRW2401			SRW2402			SRW2403				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6				0.098		1.41				
FBHKCL				0.050		0.00				

CO3 (SubTestCode 312) in the Anions Property Groups										Data units: mmolc/L
SRW2401			SRW2402			SRW2403				
Grand Median				0.074						
Median Abs Dev										
Avg Within Lab SD	0.00			0.022			0.00			
Labs Included	0			2			0			
Labs Reporting	0			2			0			



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CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	1.96	0.00	1.49	0.40	-1.17	0.27	0.47	-0.96	0.39
42AU62	1.88	-0.43	0.67	0.49	0.25	2.11	0.54	-0.05	1.49
7J3C82	1.66	-1.62	0.85	0.46	-0.25	0.27	0.53	-0.15	0.00
7KHVRY	1.84	-0.63	1.15	0.49	0.27	0.19	0.49	-0.67	0.24
8CZM43	2.04	0.49	1.74	0.49	0.19	1.24	0.60	0.81	0.65
8DDEWJ	1.81	-0.79	0.98	0.42	-0.80	0.36	0.50	-0.59	0.38
BURRXZ	2.45	2.74	0.00	0.56	1.36	0.00	0.63	1.38	0.00
FB36JE	1.79	-0.91	0.85	0.39	-1.24	0.00	0.45	-1.36	0.30
FBHKCL	2.06	0.57	0.00	0.54	0.94	0.00	0.61	0.97	0.00
FTHDKE	2.04	0.49	0.60	0.48	0.05	2.13	0.55	0.17	0.69
FWHLNP	2.04	0.46	0.85	0.47	0.01	0.93	0.57	0.40	0.52
FXAHDJ	1.82	-0.72	1.12	0.32	-2.24	2.36	0.46	-1.12	2.60
J9JG9P	2.14	1.03	1.33	0.49	0.30	0.70	0.60	0.92	1.30
K782FN	2.11	0.83	1.93	0.35	-1.79	0.70	0.42	-1.75	0.52
KNPZM8	1.90	-0.28	0.49	0.43	-0.65	0.46	0.50	-0.53	0.29
M3K2CD	1.93	-0.12	0.49	0.44	-0.45	0.27	0.54	0.00	0.52
UKYQQD	1.96	0.03	1.11	0.51	0.50	0.00	0.57	0.48	2.23
UYYPDA	2.05	0.54	0.18	0.47	0.00	0.70	0.58	0.53	1.07
VRW3YE	1.93	-0.14	0.00	0.45	-0.35	0.00	0.54	0.00	0.00

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2401	SRW2402	SRW2403
Grand Median	1.96	0.47	0.54
Median Abs Dev	0.10	0.03	0.04
Avg Within Lab SD	0.03	0.02	0.02
Labs Included	19	19	19
Labs Reporting	19	19	19



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NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.163	-0.19	0.30	0.020	0.56	0.30	0.020	0.40	0.04
42AU62	0.203	0.58	3.91	0.110	5.81	0.00	0.103	3.95	3.95
7J3C82	0.177	0.07	0.48	0.010	-0.02	0.00	0.010	-0.05	0.00
7KHVRY	0.229	1.08	0.05	0.035	1.46	0.16	0.026	0.65	0.03
8CZM43	0.185	0.22	0.48	0.009	-0.08	0.08	0.012	0.02	0.20
8DDEWJ	0.160	-0.25	0.21	0.009	-0.08	0.00	0.008	-0.12	0.13
BURRXZ	0.007	-3.18	0.00	0.007	-0.19	0.00	0.007	-0.17	0.00
FB36JE	0.247	1.41	0.48						
FBHKCL	0.173	0.00	0.14	0.007	-0.17	0.22	0.008	-0.15	0.01
FTHDKE	0.152	-0.41	0.12	0.025	0.87	1.01	0.026	0.64	0.12
FWHLNP	2.023	35.46X	10.52						
FXAHDJ	0.160	-0.25	0.90	0.011	0.02	0.27	0.011	-0.02	0.05
J9JG9P	0.127	-0.89	0.48	0.004	-0.35	0.27			
K782FN	0.193	0.39	0.48	0.013	0.17	2.68	0.013	0.10	0.49
KNPZM8	0.181	0.15	0.32	0.006	-0.25	0.31	0.009	-0.09	0.05
M3K2CD	0.147	-0.51	0.48	0.017	0.37	2.68	0.010	-0.05	0.00
NLRTU7	0.046	-2.43	0.01	0.008	-0.12	0.04	0.005	-0.25	0.00
UKYQQD	0.893	13.79X	0.58	0.313	17.61X	12.08	0.107	4.11	0.30
UYYPDA	0.173	0.00	0.48						
VRW3YE	0.180	0.13	0.00	0.015	0.27	0.46	0.012	0.04	0.00
XMEJU3	2.093	36.81X	11.43	1.330	76.89X	188.91	0.573	24.10X	12.34



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NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2401	SRW2402	SRW2403
Grand Median	0.17	0.010	0.011
Median Abs Dev	0.02	0.004	0.003
Avg Within Lab SD	0.01	0.002	0.012
Labs Included	18	16	16
Labs Reporting	21	18	17



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SO4 (SubTestCode 315) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	9.81	0.00	1.04	5.00	0.38	0.55	0.73	0.41	0.54	
42AU62	10.00	0.31	0.37	4.99	0.35	0.97	0.70	0.08	1.37	
7J3C82	10.07	0.43	0.19	4.80	-0.09	0.41	0.70	0.08	1.09	
8CZM43	9.61	-0.31	0.53	4.82	-0.04	1.15	0.68	-0.24	0.18	
8DDEWJ	10.11	0.50	0.06	5.12	0.66	0.09	0.72	0.29	0.04	
BURRXZ	9.13	-1.11		4.56	-0.66		0.63	-0.88		
FBHKCL	9.73	-0.12	0.03	4.86	0.04	0.16	0.68	-0.22	0.02	
FTHDKE	11.41	2.61	1.33	5.86	2.45	2.22	0.87	2.15	1.08	
FWHLNP	9.34	-0.75	0.17	4.77	-0.16	0.28	0.68	-0.23	0.07	
FXAHDJ	9.65	-0.26	0.16	4.77	-0.17	0.24	0.67	-0.37	1.04	
K782FN	10.57	1.24	2.92	5.60	1.82	1.56	0.77	0.86	1.96	
M3K2CD	9.14	-1.09	0.27	4.72	-0.30	0.32	0.67	-0.29	0.39	
UKYQQD	15.28	8.92X	9.38	4.24	-1.45	1.62	0.96	3.26	1.83	
UYYPDA	4.48	-8.68X	0.38	2.22	-6.28X	0.47	0.32	-4.64X	0.00	
VRW3YE	9.83	0.03	0.05	5.20	0.87	0.05	0.69	-0.08	0.00	

SO4 (SubTestCode 315) in the Anions Property Groups				Data units: mmolc/L
	SRW2401	SRW2402	SRW2403	
Grand Median	9.81	4.84	0.70	
Median Abs Dev	0.26	0.15	0.02	
Avg Within Lab SD	0.34	0.11	0.03	
Labs Included	13	14	14	
Labs Reporting	15	15	15	



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	15.66	-0.36	1.79	8.64	-0.29	1.07	2.73	-0.31	0.02	
42AU62	15.81	0.00	0.20	8.73	0.13	0.68	2.87	-0.02	0.09	
7J3C82	16.03	0.50	0.20	8.79	0.41	0.29	2.95	0.15	0.13	
8CZM43	15.76	-0.11	1.70	8.70	0.00	1.62	4.09	2.50	2.80	
FBHKCL	15.96	0.36	0.05	8.75	0.23	0.19	2.89	0.02	0.00	
FXAHDJ	15.97	0.36	0.46	8.57	-0.61	1.20	2.94	0.12	0.32	
M3K2CD	14.50	-3.03	0.78	8.03	-3.05	1.11	2.55	-0.69	0.08	
UYYPDA	9.74	-14.04X	0.70	5.28	-15.56X	1.53	2.11	-1.59	0.03	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L
	SRW2401		SRW2402	SRW2403
Grand Median	15.8		8.70	2.88
Median Abs Dev	0.2		0.06	0.11
Avg Within Lab SD	0.2		0.09	0.38
Labs Included	7		7	8
Labs Reporting	8		8	8



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
WebCode	SRW2401			SRW2402			SRW2403			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
22Z7Q6	1.15	0.99	0.75	0.92	1.56	0.21	0.45	0.90	0.07	
7J3C82	0.38	0.00	0.46	0.26	0.15	0.54	0.06	0.15	0.10	
8CZM43	0.47	0.12	2.01	0.01	-0.39	2.31	-1.13	-2.12	2.58	
FBHKCL	-0.11	-0.62	0.01	-0.11	-0.64	0.10	-0.02	0.00	0.07	
FXAHDJ	-0.14	-0.67	0.25	-0.09	-0.59	0.89	-0.19	-0.33	0.36	
M3K2CD	1.80	1.82	1.45	0.84	1.40	0.71	0.47	0.94	0.41	
UYYPDA	-0.02	-0.50	0.02	0.19	0.00	0.09	-0.17	-0.29	0.02	

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW2401			SRW2402			SRW2403			
Grand Median	0.38			0.19			-0.020			
Median Abs Dev	0.49			0.28			0.174			
Avg Within Lab SD	0.51			0.25			0.387			
Labs Included	7			7			7			
Labs Reporting	7			7			7			



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.22	-0.12	1.17	0.14	-0.05	1.24	0.01	-0.69	1.06
8CZM43	0.20	-0.60	0.15	0.12	-0.60	0.43	0.02	0.25	
8DDEWJ	0.23	0.25	0.00	0.14	0.17	0.00	0.02	0.00	0.00
BURRXZ	0.18	-1.32	0.00	0.11	-1.20	0.00	0.01	-1.93	0.00
FB36JE	0.23	0.25	0.00	0.14	0.17	0.00			
FBHKCL	0.23	0.12	0.02	0.14	0.05	0.08	0.02	0.18	0.07
FXAHDJ	0.23	0.25	0.84	0.15	0.48	1.46			
J9JG9P	0.19	-1.01	0.42	0.12	-0.89	0.81	0.03	0.88	0.73
K782FN	0.22	-0.17	1.21	0.14	0.32	1.46	0.02	-0.09	1.40
KNPZM8	0.34	3.81X	0.70	0.13	-0.14	1.36	0.09	9.80X	0.86
M3K2CD	0.26	1.20	2.54	0.16	1.09	1.86	0.02	0.44	0.73
UYYPDA	0.24	0.46	1.34	1.69	70.99X	11.57	0.02	0.00	2.20
XMEJU3	0.15	-2.34	0.06	0.07	-2.93	0.10	0.00	-2.30	0.07

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2401	SRW2402	SRW2403
Grand Median	0.22	0.14	0.020
Median Abs Dev	0.01	0.01	0.003
Avg Within Lab SD	0.02	0.01	0.008
Labs Included	12	12	10
Labs Reporting	13	13	11



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PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups										Data units: mg/L
	SRW2401			SRW2402			SRW2403			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KNPZM8	0.38		1.48	0.18		1.41	0.49		1.58	
M3K2CD	0.30		0.89				0.34		0.71	
NLRTU7	0.32		0.11	0.03		0.00	0.36		0.09	

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups										Data units: mg/L
	SRW2401			SRW2402			SRW2403			
Grand Median		0.32			0.10			0.36		
Median Abs Dev										
Avg Within Lab SD		0.03			0.02			0.02		
Labs Included		3			2			3		
Labs Reporting		3			2			3		



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

Data units: mg/L

WebCode	SRW2401			SRW2402			SRW2403		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
22Z7Q6	0.336	-0.05	0.28	0.023	-0.43	0.05	0.378	0.04	0.16
7KHVRY	0.553	1.41	0.10	0.187	9.26X	0.05	0.489	0.79	0.08
8DDEWJ	0.347	0.02	0.17	0.020	-0.59	0.00	0.397	0.17	0.14
FBHKCL	0.368	0.17	0.29	0.041	0.65	0.18	0.372	0.00	0.34
FTHDKE	0.363	0.13	0.44				0.433	0.41	0.36
FWHLNP	0.301	-0.28	0.17				0.355	-0.12	0.01
FXAHDJ	0.343	0.00	0.17				0.370	-0.02	1.47
UYYPDA	0.030	-2.10	0.00	0.030	0.00		0.020	-2.40	
XMEJU3	0.059	-1.91	2.92	0.059	1.71	1.99	0.059	-2.13	2.36

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

Data units: mg/L

	SRW2401	SRW2402	SRW2403
Grand Median	0.34	0.030	0.37
Median Abs Dev	0.02	0.010	0.02
Avg Within Lab SD	0.03	0.050	0.04
Labs Included	9	5	9
Labs Reporting	9	6	9



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