

ALP Interlaboratory Testing Program

Web Summary Report #58, Fall 2025

*The Agriculture Laboratory Proficiency (ALP) Program is operated by
Collaborative Testing Services, Inc. in cooperation with Robert O.
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ABOUT CTS

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ALP Program - Fall 2025 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2025 (Cycle 58) was completed in October 2025, with participation by 120 labs from the United States, Canada, Guatemala, Colombia, Ukraine, Spain, Portugal, Serbia, Italy, Ireland, Romania, Dominican Rep, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry Canada.

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170	Botanicals Analyses
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256	Carbon Sequestration





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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.

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

Consensus Statistics:

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

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

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

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Discussion of Statistics in ALP Reports

Performance Statistics:

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

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

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

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

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

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

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



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Key to Data Tables

Laboratory Results

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded). 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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Z7BDD	45.7	1.01	0.33	26.7	1.28	0.61	47.3	0.79	0.45	49.7	0.94	0.44	51.3	1.13	0.38
43MGP7	35.3	-1.38	1.65	21.5	-0.99	0.37	34.6	-1.85	1.64	36.0	-1.93	0.95	40.1	-1.41	0.33
7R3R2K	78.4	8.53	X 0.43	42.3	8.15	X 0.53	83.1	8.20	X 0.20	89.2	9.25	X 0.61	80.8	7.81	X 1.16
7VYDV9	49.0	1.77	0.22	26.8	1.34	0.74	50.4	1.43	0.27	50.6	1.13	0.28	53.4	1.61	0.20
AEJDEZ	44.7	0.80	1.92	22.9	-0.38	0.92	50.1	1.36	2.43	48.0	0.58	0.93	49.4	0.69	2.59
AR7KAF	40.8	-0.12	0.27	23.7	-0.03	0.05	42.1	-0.30	0.12	45.7	0.11	0.14	43.3	-0.70	0.08
CTVT8A	40.6	-0.15	0.24	23.0	-0.35	0.65	40.7	-0.59	0.14	44.3	-0.18	1.05	45.5	-0.19	0.35
DJ233T	36.3	-1.15		22.2	-0.70		41.0	-0.51		38.2	-1.47		42.8	-0.81	
DJYCVB	42.5	0.28	0.01	23.8	0.03	0.03	44.2	0.15	0.00	44.7	-0.11	0.00	46.0	-0.09	0.00
EKPX38	45.3	0.94	0.34	25.0	0.57	0.72	50.9	1.52	0.42	52.8	1.60	0.35	52.2	1.33	0.62
FWK7MU	41.0	-0.06	0.57	26.3	1.13	0.61	40.0	-0.73	0.77	41.7	-0.74	0.44	45.7	-0.15	0.38
G3K6BP	36.9	-1.00	0.00	23.4	-0.16	0.00	42.0	-0.31		42.1	-0.65	0.00	43.3	-0.69	0.00
GU9RTU	42.7	0.33		20.8	-1.30		42.8	-0.15		43.8	-0.30		48.7	0.54	
KB6FBV	48.0	1.55	0.91	45.3	9.46	X 0.22	62.6	3.95	X 0.19	60.5	3.21	X 0.76	54.2	1.78	0.07
KH6YB6	44.3	0.70	2.65	27.1	1.46	2.18	44.4	0.19	1.59	46.2	0.21	3.20	45.8	-0.11	0.31
RUV2UY	38.0	-0.75	1.14	23.7	-0.04	0.61	42.3	-0.25	1.18	41.0	-0.88	0.76	46.3	0.00	2.34
UPAWBU	40.3	-0.21	0.66	25.0	0.55		44.7	0.24	0.45	46.7	0.31	0.44	46.7	0.08	0.38
W9FBHY	38.7	-0.60	0.35	25.3	0.69	2.21	40.7	-0.58	1.00	46.3	0.24	1.09	47.9	0.36	1.60
WMXXUH	41.3	0.00	0.12	23.4	-0.17	0.80	44.4	0.19	0.09	47.3	0.45	0.35	51.1	1.08	0.18
YBWGVQ	41.3	0.02	0.33	26.0	0.98	1.06	48.3	1.00	0.45	43.7	-0.32	0.44	46.0	-0.08	

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups													Data units: Percent		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	41.3			23.8			43.5			45.2			46.3		
Median Abs Dev	3.1			1.4			2.6			2.4			3.0		
Avg Within Lab SD	1.7			0.9			1.3			1.3			1.5		
Labs Included	19			18			18			18			19		
Labs Reporting	20			20			20			20			20		



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pH - sp (SubTestCode 102) in the Salinity Property Groups													Data units: Unit		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	7.41	-0.36	0.09	6.88	0.10	0.28	5.59	-0.56	0.06	7.41	0.23	0.08	4.66	0.50	0.05
2Z7BDD	7.27	-1.09	0.22	6.54	-1.37	0.37	5.52	-0.96	0.27	7.37	-0.35	0.54	4.54	-0.58	0.31
43MGP7	7.38	-0.54	0.50	6.85	-0.03	0.83	5.55	-0.80	0.72	7.38	-0.23	1.04	4.63	0.20	2.45
4VNWLP	7.60	0.61	0.58	7.26	1.72	2.48	5.85	0.80	0.16	7.47	0.98	1.68	4.65	0.38	0.82
6BYXUK	7.47	-0.08	0.41	6.93	0.32	0.10	5.70	0.04	0.38	7.44	0.52	1.22	4.65	0.38	0.09
7KGTBC	7.24	-1.23		6.83	-0.13		5.70	0.02		7.02	-4.69X		4.67	0.58	
7R3R2K	7.17	-1.60	0.82	6.53	-1.41	1.04	5.47	-1.22	0.62	7.47	0.90	1.49	4.37	-2.06	3.09
7VYDV9	7.59	0.56	0.41	6.86	0.00	0.18	5.71	0.09	0.22	7.51	1.48	0.65	4.59	-0.15	0.09
AEJDEZ	7.63	0.72	0.78	6.95	0.39	0.90	5.83	0.73	1.36	7.40	0.10	1.94	4.64	0.32	0.44
CTVT8A	7.50	0.07	0.58	6.89	0.13	1.47	5.72	0.14	0.41	7.34	-0.65	0.39	4.59	-0.15	0.56
DJ233T	6.96	-2.64 X		6.53	-1.43		6.05	1.88		6.59	-10.07X		5.60	8.67X	
DJYCVB	7.36	-0.61	0.16	6.77	-0.39	0.31	5.53	-0.90	0.06	7.45	0.65	0.15	4.57	-0.29	0.00
EKPX38	7.63	0.72	0.08	7.10	1.02	0.75	5.77	0.41	0.55	7.42	0.31	0.68	4.56	-0.35	0.37
G3K6BP	7.79	1.55	0.00	7.11	1.08	0.00	5.83	0.71	0.00	7.63	2.94X	0.00	4.82	1.89	0.00
GU9RTU	7.47	-0.07		6.67	-0.82		5.54	-0.83		7.29	-1.31		4.76	1.36	
KB6FBV	7.53	0.25	3.58	6.70	-0.69	0.00	5.93	1.26	0.62	7.33	-0.77	1.49	4.37	-2.06	0.86
KH6YB6	7.64	0.77	0.16	7.03	0.75	1.26	5.70	0.00	0.16	7.52	1.56	0.68	4.71	0.90	0.45
L9B97N	7.43	-0.29	0.59	6.75	-0.48	1.95	5.66	-0.18	0.06	7.43	0.48	0.15	4.60	-0.03	0.39
M8FTTR	7.69	1.04		7.14	1.21		5.92	1.19		7.34	-0.69		4.66	0.49	
RUV2UY	7.40	-0.42	1.42	6.80	-0.26	0.00	5.53	-0.87	0.62	7.30	-1.19	0.00	4.60	-0.03	1.48
UPAWBU	7.59	0.52	0.46	7.10	1.04	0.18	5.83	0.71	0.19	7.31	-1.02	0.39	4.49	-1.02	0.82
W9FBHY	7.56	0.40	0.22	7.03	0.75	0.58	5.48	-1.14	4.06	7.39	-0.06	1.95	4.65	0.41	0.15
WMXXUH	7.60	0.59	0.14	6.81	-0.22	0.18	5.65	-0.25	0.11	7.40	0.06	0.45	4.61	0.03	0.23
XAT3BF	7.35	-0.69	0.58	6.66	-0.88	0.37	5.50	-1.06	0.33	7.38	-0.19	0.26	4.50	-0.87	0.17
YBWGVQ	7.21	-1.40	1.59	6.92	0.25	1.80	5.67	-0.12	0.16	7.31	-1.10	0.54	4.47	-1.19	0.09



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pH - sp (SubTestCode 102) in the Salinity Property Groups					Data units: Unit
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	7.48	6.86	5.70	7.40	4.60
Median Abs Dev	0.12	0.16	0.14	0.05	0.05
Avg Within Lab SD	0.07	0.06	0.09	0.04	0.07
Labs Included	24	25	25	22	24
Labs Reporting	25	25	25	25	25



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PO4 - sp (SubTestCode 1021) in the Salinity Property Groups														Data units: mg/L	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.09		0.09	0.28		0.37	0.11		0.08	0.10		0.06	0.10		0.10
AEJDEZ	0.52		1.07	0.54		0.38	1.25		1.68	1.14		0.06	0.64		0.48
GU9RTU				3.72			3.94			3.64					
KH6YB6	0.36		1.36	0.34		1.65	0.81		0.41	0.86		1.73	0.31		1.66
PO4 - sp (SubTestCode 1021) in the Salinity Property Groups														Data units: mg/L	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	0.36			0.44			1.03			1.00			0.31		
Median Abs Dev															
Avg Within Lab SD	0.04			0.07			0.04			0.19			0.06		
Labs Included	3			4			4			4			3		
Labs Reporting	3			4			4			4			3		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups													Data units: dS/m		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.50	-1.04	0.05	0.80	-0.14	0.10	0.70	-0.41	0.09	4.16	-0.95	0.05	3.58	-0.83	0.17
2Z7BDD	0.56	0.11	0.21	0.81	-0.09	0.10	0.77	0.05	0.10	4.83	-0.05	0.07	3.97	0.00	0.06
43MGP7	0.57	0.37	1.51	0.71	-0.76	0.46	0.85	0.61	1.67	5.29	0.58	1.92	4.12	0.33	0.91
4VNWLP	0.52	-0.74	1.56	0.59	-1.59	1.74	0.63	-0.92	1.85	4.63	-0.32	1.01	3.74	-0.50	1.39
6BYXUK	0.55	-0.02	0.28	0.75	-0.46	0.67	0.67	-0.62	0.80	4.25	-0.83	1.22	3.83	-0.29	0.66
7KGTBC	0.31	-5.28 X		0.82	0.00		0.52	-1.64		5.57	0.96		2.98	-2.14	
7R3R2K	0.63	1.85	0.79	1.05	1.62	0.27	0.92	1.08	0.51	5.91	1.43	0.86	4.85	1.90	1.86
7VYDV9	0.55	0.01	1.77	0.71	-0.80	0.18	0.76	0.00	0.42	4.97	0.15	0.85	4.01	0.10	0.56
AEJDEZ	0.52	-0.70	1.39	0.86	0.29	0.99	0.73	-0.23	1.37	4.86	0.00	0.98	4.23	0.57	1.55
AR7KAF	0.50	-1.04	0.30	0.99	1.18	1.12	0.94	1.18	0.76	5.30	0.59	0.12	4.49	1.13	0.69
CTVT8A	0.38	-3.84 X	1.11	0.66	-1.14	2.62	0.49	-1.89	2.58	3.97	-1.21	1.87	3.62	-0.76	0.67
DJ233T	0.56	0.22		0.97	1.07		0.92	1.06		5.58	0.97		3.88	-0.19	
DJYCVB	0.60	1.15	0.08	0.93	0.79	0.88	0.87	0.72	0.00	5.20	0.46	0.00	4.10	0.29	0.04
EKPX38	0.50	-1.03	0.40	0.95	0.92	0.24	0.79	0.17	0.28	4.10	-1.03	0.48	3.60	-0.80	0.04
G3K6BP	0.56	0.22	0.00	0.78	-0.30	0.00	0.81	0.31	0.00	4.76	-0.14	0.00	3.95	-0.04	0.00
GU9RTU	0.55	0.00		0.76	-0.41		0.80	0.24		3.60	-1.72		3.10	-1.88	
KB6FBV	0.53	-0.40	0.17	0.52	-2.10	0.02	0.67	-0.67	0.14	4.36	-0.68	0.22	3.91	-0.12	0.10
KH6YB6	0.54	-0.15	1.38	0.71	-0.76	1.22	0.82	0.38	0.88	5.71	1.16	2.51	4.36	0.85	2.69
L9B97N	0.56	0.23	2.60	0.86	0.33	2.21	0.72	-0.32	0.50	4.76	-0.14	0.62	3.92	-0.10	1.11
M8FTTR	0.44	-2.35		0.86	0.27		0.69	-0.51		4.83	-0.05		3.86	-0.24	
RUV2UY	0.55	-0.07	0.57	0.88	0.41	0.61	0.78	0.11	1.85	5.32	0.62	1.58	4.00	0.08	1.78
UPAWBU	0.56	0.15	0.88	0.83	0.08	0.46	0.47	-1.98	0.69	4.81	-0.08	0.65	4.21	0.52	0.33
VWN6CV	0.60	1.03	0.32	0.81	-0.03	0.44	0.76	-0.05	0.38	5.44	0.79	0.12	4.31	0.74	0.65
W9FBHY	0.43	-2.55	1.12	0.71	-0.77	1.28	0.65	-0.80	0.23	4.26	-0.83	0.66	3.61	-0.77	0.35
WMXXUH	0.55	0.01	0.04	0.98	1.13	0.04	1.05	1.92	0.19	5.84	1.33	0.14	4.78	1.75	0.22
XAT3BF	0.54	-0.17	0.15	0.92	0.74	0.52	0.81	0.30	1.01	5.28	0.56	0.51	4.28	0.67	0.52
YBWGVQ	0.61	1.26	0.16	0.82	0.01	0.46	0.76	-0.03	0.57	5.30	0.60	0.47	4.25	0.62	0.18



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ECe - sp (SubTestCode 103) in the Salinity Property Groups					Data units: dS/m
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	0.55	0.82	0.76	4.86	3.97
Median Abs Dev	0.02	0.10	0.08	0.46	0.26
Avg Within Lab SD	0.04	0.06	0.03	0.17	0.16
Labs Included	25	27	27	27	27
Labs Reporting	27	27	27	27	27



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HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNWLP	1.06	-1.10	2.55	0.75	0.16	2.74	0.67	-0.89	0.73	2.84	0.69	2.03	0.23	0.20	1.80
7R3R2K	1.46	-0.87	0.48	0.25	-1.13	0.06	0.50	-1.12	0.38	1.19	-1.10	0.05			
AEJDEZ	3.61	0.33	0.65	0.95	0.67	0.38	1.33	0.00	1.17	2.69	0.53	0.11	0.34	1.49	1.01
AR7KAF	4.22	0.67	0.09	0.69	0.00	0.20	1.91	0.78	0.37	2.76	0.61	0.08	0.18	-0.40	1.27
G3K6BP	1.97	-0.59	0.00	0.71	0.04	0.00	1.38	0.06	0.00	1.72	-0.52	0.00	0.33	1.33	0.00
GU9RTU	3.33	0.17		1.47	2.00		2.52	1.59		3.51	1.41		1.86	19.33X	
KB6FBV	3.02	0.00	0.12	0.39	-0.78	0.15	0.95	-0.51	0.93	2.20	0.00	0.03			
KH6YB6	0.91	-1.18	0.58	0.42	-0.70	0.37	0.50	-1.11	0.74	1.11	-1.18	0.19	0.18	-0.43	0.35
UPAWBU	5.07	1.15	0.71	0.47	-0.58	0.41	1.33	0.00	2.10	2.17	-0.04	1.95	0.20	-0.20	0.00
HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	3.02			0.69			1.33			2.20			0.22		
Median Abs Dev	1.20			0.26			0.58			0.56			0.04		
Avg Within Lab SD	0.16			0.28			0.05			0.83			0.03		
Labs Included	9			9			9			9			6		
Labs Reporting	9			9			9			9			7		



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K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.13	-0.61	0.52	0.99	-1.02	0.41	0.25	1.32	0.35	0.96	-1.00	0.69	0.57	0.35	0.88
2Z7BDD	0.12	-0.85	0.67	1.13	-0.43	0.22	0.16	-0.66	0.13	1.02	-0.69	0.18	0.43	-1.14	0.35
43MGP7	0.17	0.21	2.95	1.04	-0.80	2.67	0.22	0.60	2.44	1.16	0.02	1.56	0.54	0.04	2.04
6BYXUK	0.14	-0.45	0.00	1.20	-0.14	0.70	0.18	-0.20	0.28	1.01	-0.75	1.14	0.50	-0.38	0.39
7KGTBC	0.17	0.39		1.27	0.12		0.25	1.28		1.29	0.67		0.62	0.81	
7R3R2K	0.16	0.12	1.36	1.37	0.53	0.64	0.20	0.09	0.28	1.27	0.61	0.24	0.66	1.28	0.67
7VYDV9	0.13	-0.72	1.10	1.08	-0.65	0.40	0.18	-0.33	0.30	1.17	0.05	0.54	0.48	-0.58	0.15
AEJDEZ	0.16	-0.04	0.38	1.40	0.68	1.21	0.18	-0.28	0.49	1.16	0.00	0.76	0.57	0.38	1.35
AR7KAF	0.18	0.49	0.60	1.54	1.25	0.91	0.17	-0.58	0.25	0.94	-1.15	0.88	0.59	0.56	0.64
DJ233T	0.23	1.77		1.32	0.34		0.26	1.48		1.25	0.49		0.54	0.04	
EKPX38	0.17	0.25	0.61	1.21	-0.12	0.45	0.21	0.35	0.42	0.93	-1.21	0.56	0.45	-0.91	0.21
G3K6BP	0.10	-1.54	0.00	0.98	-1.05	0.00	0.14	-1.16	0.00	0.91	-1.28	0.00	0.38	-1.64	0.00
GU9RTU	0.10	-1.44		0.80	-1.81		0.10	-2.03		0.80	-1.86		0.30	-2.45	
KB6FBV	0.19	0.80	0.62	0.97	-1.12	1.65	0.20	0.06	0.16	1.09	-0.32	0.18	0.54	0.03	0.74
KH6YB6	0.32	3.99 X	0.65	1.09	-0.60	0.80	0.30	2.43	2.94	1.31	0.80	3.03	0.59	0.52	1.35
M8FTTR	0.16	0.04		1.40	0.67		0.18	-0.28		1.25	0.49		0.52	-0.17	
UPAWBU	0.22	1.60	0.38	1.49	1.04	0.40	0.20	0.09	0.74	1.41	1.30	0.62	0.70	1.69	0.77
WMXXU2	0.14	-0.45	0.00	1.38	0.59	0.53	0.19	-0.06	0.00	1.16	0.00	0.24	0.51	-0.24	0.22
WMXXUH	0.14	-0.37	0.38	1.33	0.40	0.11	0.19	-0.06	0.00	1.15	-0.05	0.32	0.51	-0.24	0.22
YBWGVQ				1.27	0.12	1.15	0.20	0.16	0.00	1.30	0.75	0.00	0.53	-0.03	2.23
K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	0.16			1.24			0.19			1.16			0.54		
Median Abs Dev	0.02			0.15			0.02			0.13			0.04		
Avg Within Lab SD	0.02			0.05			0.02			0.06			0.03		
Labs Included	18			20			20			20			20		
Labs Reporting	19			20			20			20			20		



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Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	3.31	-1.07	0.71	3.51	-0.98	0.56	4.04	-0.93	1.02	22.20	-1.64	0.74	14.54	-2.22	0.33
2Z7BDD	4.08	-0.26	0.19	4.91	0.08	0.19	5.83	0.33	0.20	37.39	0.26	0.15	28.79	0.14	0.09
43MGP7	4.01	-0.34	1.67	3.80	-0.76	1.22	5.79	0.30	1.00	36.97	0.21	1.97	27.83	-0.01	1.47
4VNWLP	2.04	-2.41	1.19	1.62	-2.43	2.17	2.35	-2.13	1.92	18.84	-2.07	0.37	14.15	-2.28	0.47
6BYXUK	4.74	0.43	0.36	4.57	-0.17	0.95	5.19	-0.12	0.54	32.40	-0.37	1.16	27.10	-0.14	0.36
7KGTBC	2.45	-1.98		2.19	-1.99		3.08	-1.61		19.17	-2.02		15.65	-2.03	
7R3R2K	5.14	0.85	1.27	6.70	1.45	0.69	7.14	1.25	0.85	42.37	0.88	0.33	38.27	1.71	1.22
7VYDV9	4.38	0.05	1.96	4.06	-0.56	0.33	5.42	0.04	0.47	35.40	0.01	0.10	27.00	-0.15	0.30
AEJDEZ	5.05	0.75	1.78	5.27	0.36	1.29	5.94	0.41	1.35	40.07	0.59	1.11	31.63	0.62	1.79
AR7KAF	4.85	0.54	0.30	5.86	0.81	0.42	7.36	1.41	0.62	46.78	1.43	0.10	37.15	1.53	0.79
CTVT8A	4.66	0.34	0.76	5.08	0.21	1.98	4.99	-0.26	2.57	34.47	-0.11	0.65	30.03	0.35	1.42
DJ233T	3.92	-0.43		4.96	0.12		6.18	0.58		35.30	0.00		24.90	-0.50	
EKPX38	3.19	-1.20	0.69	4.74	-0.04	0.48	5.02	-0.24	0.34	32.06	-0.41	0.52	26.39	-0.25	0.30
G3K6BP	3.88	-0.47	0.00	3.87	-0.71	0.00	5.21	-0.11	0.00	30.40	-0.62	0.00	24.10	-0.63	0.00
GU9RTU	5.50	1.23		6.70	1.45		7.10	1.22		48.70	1.68		32.00	0.68	
KB6FBV	4.89	0.59	0.44	3.02	-1.36	0.30	5.31	-0.04	0.23	32.50	-0.35	0.22	28.06	0.02	0.59
KH6YB6	3.49	-0.89	0.94	3.27	-1.17	0.73	5.31	-0.04	1.05	35.14	-0.02	0.37	25.24	-0.44	0.29
M8FTTR	4.06	-0.29		5.10	0.23		5.10	-0.19		35.35	0.00		28.00	0.01	
RUV2UY	4.42	0.09	0.91	4.93	0.10	1.35	5.85	0.34	0.39	38.85	0.44	2.68	27.35	-0.09	2.47
UPAWBU	5.10	0.81	0.94	4.60	-0.15	0.42	3.83	-1.08	0.91	34.50	-0.10	0.88	28.40	0.08	0.20
W9FBHY	4.39	0.06	0.99	4.60	-0.16	0.66	4.50	-0.61	0.47	32.26	-0.38	0.86	25.58	-0.39	0.61
WMXXU2	4.02	-0.33	0.37	5.03	0.18	0.24	7.00	1.15	0.15	39.12	0.47	0.24	29.05	0.19	0.29
WMXXUH	4.28	-0.05	0.25	5.67	0.66	0.12	7.38	1.42	0.17	46.20	1.36	0.17	34.50	1.09	0.44
YBWGVQ	5.02	0.73	1.18	4.86	0.04	1.69	5.89	0.37	1.29	41.30	0.75	1.75	31.67	0.62	1.63



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Ca - sp (SubTestCode 106) in the Salinity Property Groups					Data units: mmolc/L
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	4.33	4.80	5.36	35.3	27.9
Median Abs Dev	0.48	0.60	0.55	3.4	2.5
Avg Within Lab SD	0.28	0.24	0.34	2.1	1.3
Labs Included	24	24	24	24	24
Labs Reporting	24	24	24	24	24



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.60	-0.80	0.71	1.22	-0.53	0.47	0.89	-0.73	0.84	8.87	-1.67	0.37	4.67	-2.43	0.64
2Z7BDD	0.68	0.04	0.96	1.51	0.26	0.03	1.30	0.55	0.35	15.11	0.12	0.28	7.28	0.05	0.18
43MGP7	0.61	-0.73	1.35	1.13	-0.77	0.63	1.28	0.50	1.43	15.67	0.28	1.73	7.26	0.03	0.90
4VNWLP	0.24	-4.32 X	0.54	0.45	-2.63	1.27	0.46	-2.05	1.77	6.78	-2.27	0.24	3.16	-3.88 X	0.10
6BYXUK	0.77	0.86	0.77	1.37	-0.12	0.44	1.12	0.01	0.65	11.98	-0.78	1.32	6.22	-0.96	0.14
7KGTBC	0.37	-3.12 X		0.66	-2.06		0.64	-1.48		7.47	-2.07		3.79	-3.28 X	
7R3R2K	0.76	0.76	0.10	2.05	1.72	0.22	1.54	1.30	0.70	17.43	0.78	0.54	9.57	2.23	1.48
7VYDV9	0.56	-1.19	1.20	1.12	-0.82	0.28	1.12	-0.01	0.29	14.93	0.07	0.74	7.05	-0.17	0.35
AEJDEZ	0.62	-0.56	1.06	1.47	0.15	1.08	1.11	-0.03	0.92	14.77	0.02	0.89	6.96	-0.26	1.47
AR7KAF	0.69	0.08	0.19	1.85	1.16	0.75	0.74	-1.19	0.76	11.81	-0.83	0.64	8.05	0.79	0.64
CTVT8A	0.72	0.36	2.31	1.42	0.00	2.43	1.09	-0.08	1.89	14.57	-0.04	0.54	7.72	0.47	1.71
DJ233T	0.81	1.29		1.75	0.90		1.75	1.96		17.97	0.94		7.49	0.25	
EKPX38	0.68	-0.04	1.51	1.36	-0.16	0.37	1.10	-0.05	0.86	12.02	-0.77	0.64	5.92	-1.24	0.25
G3K6BP	0.64	-0.40	0.00	1.19	-0.62	0.00	1.15	0.09	0.00	12.40	-0.66	0.00	5.92	-1.25	0.00
GU9RTU	0.70	0.20		1.70	0.76		1.40	0.87		18.90	1.20		7.70	0.45	
KB6FBV	0.64	-0.38	0.39	0.90	-1.40	0.16	1.05	-0.23	0.50	13.36	-0.38	0.28	6.89	-0.32	0.52
KH6YB6	0.79	1.12	0.95	1.22	-0.54	0.00	1.49	1.16	1.23	16.80	0.60	0.58	7.63	0.38	0.72
M8FTTR	0.55	-1.29		1.42	0.00		1.07	-0.16		14.58	-0.03		6.60	-0.60	
RUV2UY	0.69	0.14	0.81	1.50	0.22	1.38	1.25	0.40		15.39	0.20	3.11	6.56	-0.64	2.22
UPAWBU	0.93	2.51	0.97	1.50	0.22		0.93	-0.58	1.62	14.63	-0.02	0.15	7.43	0.20	0.48
W9FBHY	0.63	-0.45	1.47	1.21	-0.56	2.52	1.07	-0.16	1.07	12.42	-0.65	1.04	6.05	-1.12	1.13
WMXXU2	0.61	-0.73	0.26	1.51	0.25	0.29	1.52	1.24	0.14	17.61	0.83	0.61	7.85	0.59	0.35
WMXXUH	0.61	-0.73	0.19	1.53	0.30	0.00	1.51	1.21	0.28	17.19	0.71	0.23	7.65	0.40	0.26
YBWGVQ	0.70	0.20	0.00	1.43	0.04	0.55	1.17	0.14	0.81	15.60	0.26	0.82	7.20	-0.03	1.57



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Mg - sp (SubTestCode 107) in the Salinity Property Groups					Data units: mmolc/L
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	0.68	1.42	1.12	14.7	7.23
Median Abs Dev	0.06	0.20	0.17	2.3	0.48
Avg Within Lab SD	0.06	0.10	0.07	0.7	0.32
Labs Included	22	24	24	24	22
Labs Reporting	24	24	24	24	24



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Na - sp (SubTestCode 108) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.26	0.81	0.24	0.22	-0.06	0.67	0.31	0.91	0.47	1.16	-0.15	0.24	1.06	0.44	1.49
2Z7BDD	0.15	-0.61	1.35	0.27	0.41	0.72	0.21	-0.35	0.65	1.10	-0.44	0.12	0.91	-0.42	0.43
43MGP7	0.17	-0.35	2.65	0.17	-0.59	1.38	0.22	-0.15	2.55	1.19	0.01	1.70	0.95	-0.21	1.45
4VNWLP	0.11	-1.16	0.72	0.12	-1.04	1.95	0.16	-0.86	1.72	0.95	-1.13	0.48	0.80	-1.07	0.49
6BYXUK	0.16	-0.57	0.95	0.17	-0.55	0.00	0.17	-0.77	0.00	0.98	-0.98	0.73	0.88	-0.60	0.32
7KGTBC	0.45	3.23 X		0.39	1.55		0.48	2.77		1.49	1.41		1.41	2.51	
7R3R2K	0.33	1.71	1.09	0.35	1.20	0.00	0.36	1.39	0.20	1.40	0.96	0.44	1.27	1.69	0.45
7VYDV9	0.15	-0.60	0.46				0.22	-0.21	0.71	1.36	0.81	2.13	1.00	0.06	0.78
AEJDEZ	0.17	-0.44	0.95	0.23	0.00	0.25	0.19	-0.58	0.20	1.19	-0.01	0.44	1.02	0.22	0.89
AR7KAF	0.22	0.23	0.94	0.41	1.77	0.45	0.25	0.17	0.76	0.95	-1.16	0.31	1.13	0.85	0.11
CTVT8A	0.07	-1.71	0.82	0.15	-0.78	1.79	0.11	-1.46	0.61	1.22	0.12	1.78	0.96	-0.13	0.49
DJ233T	0.71	6.70 X		0.56	3.25 X		1.31	12.42 X		2.66	6.89 X		1.26	1.62	
EKPX38	0.22	0.22	0.48	0.25	0.26	0.41	0.27	0.36	0.64	1.04	-0.69	0.41	0.91	-0.42	0.06
G3K6BP	0.22	0.21	0.00	0.25	0.22	0.00	0.25	0.12	0.00	1.01	-0.85	0.00	0.85	-0.79	0.00
GU9RTU				0.10	-1.24		0.10	-1.58		0.90	-1.37		0.80	-1.09	
KB6FBV	0.27	0.94	0.11	0.18	-0.46	0.12	0.52	3.27 X	0.49	1.97	3.67 X	0.27	1.64	3.84 X	0.45
KH6YB6	0.19	-0.13	1.09	0.30	0.75	1.73	0.29	0.66	1.59	1.15	-0.21	1.59	1.08	0.54	2.56
M8FTTR				0.27	0.42		0.25	0.16		1.20	0.04		0.89	-0.56	
RUV2UY	0.20	0.04	1.03	0.22	-0.09	0.00	0.25	0.11	1.77	1.42	1.07	1.37	0.99	0.00	1.52
UPAWBU	0.20	0.00	0.00	0.20	-0.26	0.00	0.20	-0.42	0.00	1.00	-0.90		0.83	-0.90	0.80
W9FBHY	0.23	0.46	1.14	0.36	1.31	0.97	0.29	0.65	0.51	1.28	0.44	0.20	0.95	-0.21	0.35
WMXXU2	0.15	-0.66	0.00	0.18	-0.46	0.00	0.21	-0.31	0.00	1.34	0.70	0.57	1.03	0.24	0.08
WMXXUH							0.23	-0.11	0.20	1.35	0.73	0.28	1.04	0.34	0.21
YBWGVQ	0.35	1.97		0.30	0.75	1.93	0.30	0.73		1.33	0.66	1.03	1.09	0.60	1.62



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Na - sp (SubTestCode 108) in the Salinity Property Groups					Data units: mmolc/L
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	0.20	0.23	0.24	1.19	0.99
Median Abs Dev	0.04	0.06	0.04	0.15	0.09
Avg Within Lab SD	0.02	0.02	0.03	0.09	0.07
Labs Included	19	21	22	22	23
Labs Reporting	21	22	24	24	24



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SAR - sp (SubTestCode 109) in the Salinity Property Groups													Data units: value		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Z7BDD	0.10	-0.16	0.98	0.15	0.65	0.45	0.11	-0.65	0.42	0.21	-0.25	0.32	0.22	-0.40	0.29
43MGP7	0.12	0.46	1.98	0.11	-0.20	1.04	0.12	-0.35	1.76	0.23	0.25	1.60	0.23	-0.02	1.27
4VNWLP	0.10	0.00	0.40	0.12	0.00	1.16	0.14	0.51	1.28	0.27	1.06	0.50	0.27	1.70	0.50
6BYXUK	0.09	-0.35	0.59	0.11	-0.04	0.55	0.10	-1.18	0.22	0.20	-0.46	0.14	0.21	-0.56	0.10
7VYDV9	0.10	-0.16					0.12	-0.06	0.49	0.27	1.17	2.21	0.24	0.47	0.88
AEJDEZ	0.09	-0.41	0.57	0.12	0.00	0.26	0.09	-1.38	0.24	0.22	0.00	0.32	0.23	0.22	0.29
AR7KAF	0.13	0.99	0.62	0.21	1.79	0.13	0.12	0.00	0.37	0.17	-1.22	0.31	0.24	0.38	0.08
DJ233T	0.46	13.33 X		0.31	3.71 X		0.66	23.42 X		0.52	7.34 X		0.31	3.19	
EKPX38	0.16	1.92	0.37	0.15	0.56	0.27	0.15	1.23	0.49	0.22	-0.02	0.26	0.23	0.00	0.14
G3K6BP	0.14	1.44	0.00	0.16	0.79	0.00	0.14	0.63	0.00	0.22	-0.16	0.00	0.22	-0.27	0.00
GU9RTU	0.02	-3.14 X		0.04	-1.51		0.05	-3.28 X		0.16	-1.59		0.18	-1.76	
KH6YB6	0.14	1.33	0.85	0.19	1.51	0.26	0.15	1.11	0.73	0.22	0.00	1.78	0.23	-0.02	1.17
RUV2UY	0.10	-0.16	0.00	0.10	-0.33	0.00	0.13	0.38	2.44	0.30	1.93	0.00	0.23	0.22	2.93
UPAWBU	0.10	-0.16	0.00	0.10	-0.33	0.00	0.10	-1.09	0.00	0.20	-0.59	0.00	0.20	-1.02	0.00
W9FBHY	0.12	0.59	1.76	0.17	1.05	3.16	0.13	0.23	1.27	0.25	0.67	1.46	0.22	-0.15	0.77
WMXXUH	0.10	-0.16	0.00	0.10	-0.33	0.00	0.10	-1.09	0.00	0.25	0.75	0.64	0.24	0.47	0.00
YBWGVQ	0.15	1.83	1.98	0.17	1.05	0.90	0.13	0.23	1.12	0.25	0.67	1.11	0.24	0.60	1.27
SAR - sp (SubTestCode 109) in the Salinity Property Groups													Data units: value		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	0.10			0.12			0.12			0.22			0.23		
Median Abs Dev	0.01			0.03			0.01			0.02			0.01		
Avg Within Lab SD	0.02			0.02			0.02			0.02			0.02		
Labs Included	15			15			15			16			17		
Labs Reporting	17			16			17			17			17		



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CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.33	-0.04	0.33	1.08	-0.75	0.04	0.20	-0.34	0.91	0.48	-0.54	0.30	0.44	-0.89	0.52
43MGP7	0.34	0.00	0.82	1.21	-0.43	0.53	0.30	0.39	0.60	0.64	0.11	1.46	0.80	0.52	1.67
4VNWLP	0.93	3.13	1.55	2.20	1.82	3.23				1.21	2.49	3.07	1.36	2.72	3.33
6BYXUK	0.32	-0.11	0.27	1.34	-0.14	0.47	0.25	0.00	0.20	0.57	-0.15	0.70	0.63	-0.13	0.30
7KGTBC	0.02	-1.69		0.02	-3.17X		0.03	-1.63		0.15	-1.90		0.13	-2.12	
7R3R2K	0.38	0.19	0.09	2.06	1.50	0.36	0.26	0.10	0.35	0.62	0.06	0.10	0.91	0.95	0.43
AEJDEZ	0.29	-0.28	0.39	1.63	0.52	0.88	0.18	-0.49	0.69	0.55	-0.24	0.68	0.68	0.04	0.30
AR7KAF	0.35	0.06	0.16	1.93	1.21	0.01	0.46	1.55	0.32	0.50	-0.46	0.10	0.60	-0.27	0.32
CTVT8A	0.21	-0.67	0.09	1.18	-0.51	1.47	0.16	-0.66	0.53	0.36	-1.06	0.87	0.47	-0.76	0.30
DJYCVB	592.34	143.60X	0.63	761.63	741.66X	0.22	648.77	784.48X	1.99	648.67	699.68X	2.59	705.21	759.01X	0.14
EKPX38	0.24	-0.52	0.14	1.41	0.01	0.64	0.18	-0.49	0.59	0.46	-0.61	0.33	0.55	-0.45	0.04
G3K6BP	0.94	3.16	0.00	1.40	-0.01	0.00	0.85	4.43X	0.00	0.92	1.28	0.00	0.86	0.75	0.00
GU9RTU	0.50	0.85		1.79	0.89		0.45	1.50		0.75	0.58		0.80	0.52	
KB6FBV	0.28	-0.31	0.10	0.84	-1.28	0.46	0.27	0.20	1.42	0.78	0.69	0.33	0.80	0.53	0.53
KH6YB6	0.42	0.45	0.91	1.11	-0.67	0.53	0.34	0.72	2.68	0.69	0.32	1.43	0.67	0.00	0.41
RUV2UY	0.40	0.32	3.50	1.25	-0.36	0.66	0.19	-0.41	1.14	0.50	-0.48	0.74	0.45	-0.86	0.53
UPAWBU	0.39	0.25	0.39	1.55	0.33	0.54	0.31	0.44	1.05	0.66	0.19	0.64	0.79	0.50	0.18
VWN6CV	0.33	-0.05	0.27	1.46	0.12	1.03	0.22	-0.20	0.60	0.61	0.00	0.59	0.67	0.00	0.69
W9FBHY	0.43	0.46	0.37	2.05	1.48	0.36	0.50	1.83	0.37	0.95	1.40	0.09	1.80	4.44X	0.04
YBWGVQ	0.29	-0.27	0.27	1.35	-0.13	0.41	0.18	-0.49	0.60	0.55	-0.26	0.20	0.63	-0.14	0.21
CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	0.34			1.40			0.25			0.61			0.67		
Median Abs Dev	0.06			0.23			0.07			0.11			0.13		
Avg Within Lab SD	0.06			0.14			0.03			0.06			0.08		
Labs Included	19			18			17			19			18		
Labs Reporting	20			20			19			20			20		



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Z7BDD	0.74	0.94	1.40	3.85	0.20	0.54	1.08	0.94	2.01	10.37	0.40	0.30	1.37	2.32	2.61
43MGP7	0.58	-0.29	1.30	2.83	-1.04	0.70	0.93	0.16	1.10	10.37	0.40	1.21	1.10	1.14	0.59
4VNWLP	0.04	-4.49	X 0.00	0.11	-4.36	X 0.12	0.03	-4.82	X 0.00	0.95	-5.10	X 0.11	0.12	-3.16	X 0.59
6BYXUK	0.33	-2.20	1.56	2.82	-1.06	1.27	0.63	-1.51	0.85	7.17	-1.46	1.43	0.81	-0.13	0.79
7R3R2K	0.67	0.39	1.35	5.07	1.69	0.34	0.97	0.34	1.12	11.03	0.79	0.12	0.83	-0.03	1.14
AEJDEZ	0.48	-1.04	0.82	3.64	-0.06	1.75	0.76	-0.80	0.67	9.42	-0.15	1.33	0.83	-0.03	0.11
AR7KAF	0.66	0.35	0.06	4.27	0.72	0.89	0.87	-0.19	1.29	6.98	-1.57	0.47	0.83	-0.03	0.17
CTVT8A	0.63	0.13	1.37	3.54	-0.18	2.33	0.75	-0.87	1.40	9.30	-0.22	1.02	1.15	1.38	1.00
EKPX38	0.43	-1.46	1.14	3.00	-0.83	0.65	0.49	-2.27	0.19	7.10	-1.50	0.44	0.51	-1.43	0.56
G3K6BP	0.54	-0.57	0.00	2.83	-1.04	0.00	0.77	-0.73	0.00	7.58	-1.22	0.00	0.67	-0.73	0.00
GU9RTU	0.63	0.10		4.06	0.46		0.89	-0.08		11.31	0.95		1.08	1.06	
KB6FBV	0.60	-0.10	0.84	2.37	-1.60	0.36	0.98	0.40	0.70	9.54	-0.08	0.52	1.25	1.80	0.00
KH6YB6	0.48	-1.04	0.72	2.55	-1.38	0.58	0.79	-0.63	0.70	8.56	-0.65	0.51	0.63	-0.91	0.41
M8FTTR	0.46	-1.22		3.75	0.08		0.92	0.08		10.04	0.21		0.88	0.18	
RUV2UY	0.54	-0.62	0.88	3.45	-0.28	0.91	0.77	-0.73	1.03	9.53	-0.09	2.83	0.83	-0.03	1.88
UPAWBU	0.67	0.44	1.15	3.73	0.06	0.77	1.08	0.98	1.46	10.53	0.50	0.73	0.97	0.56	1.09
W9FBHY	0.71	0.73	0.34	3.76	0.09	1.17	0.96	0.32	0.25	9.82	0.08	0.15	0.89	0.22	0.37
WMXXU2	0.65	0.26	0.81	4.35	0.81	0.67	1.03	0.67	0.59	11.67	1.16	0.13	0.85	0.03	0.70
WMXXUH	0.65	0.28	0.36	4.15	0.57	0.12	0.99	0.45	0.30	10.83	0.68	0.19	0.81	-0.15	0.23
SO4 - sp (SubTestCode 111) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	0.62			3.69			0.91			9.68			0.84		
Median Abs Dev	0.06			0.53			0.12			0.98			0.09		
Avg Within Lab SD	0.04			0.17			0.05			0.50			0.05		
Labs Included	18			18			18			18			18		
Labs Reporting	19			19			19			19			19		



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	2.67	0.39	0.21	2.18	-0.10	0.09	4.58	-0.16	0.37	33.66	-0.56	0.15	34.57	-0.27	0.22
AEJDEZ	0.79	-0.85	1.64	2.24	0.00	1.17	4.10	-0.48	2.18	41.33	0.00	1.19	40.27	0.19	1.23
AR7KAF	0.42	-1.10	0.26	2.75	0.80	0.04	5.45	0.41	0.26	50.41	0.66	0.05	49.29	0.92	0.10
EKPX38	0.01	-1.37	0.02	0.40	-2.85	0.11	0.69	-2.74	0.09	7.98	-2.42	0.13	7.83	-2.42	0.25
G3K6BP	2.08	0.00	0.00	2.30	0.09	0.00	5.59	0.50	0.00	44.30	0.22	0.00	42.80	0.39	0.00
GU9RTU	2.99	0.60		2.37	0.20		5.47	0.42		44.13	0.20		37.90	0.00	
KH6YB6	2.69	0.40	1.79	1.81	-0.67	2.15	4.83	0.00	1.01	32.10	-0.67	2.13	31.17	-0.54	2.09
NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	2.08			2.24			4.83			41.3			37.9		
Median Abs Dev	0.91			0.13			0.64			7.7			4.9		
Avg Within Lab SD	0.18			0.15			0.15			1.6			1.5		
Labs Included	7			7			7			7			7		
Labs Reporting	7			7			7			7			7		



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B - sp (SubTestCode 113) in the Salinity Property Groups													Data units: mg/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.08	1.68	0.71	0.09	-0.36	0.34	0.06	1.26	0.19	0.12	0.08	0.66	0.11	0.69	0.32
2Z7BDD	0.04	-0.09	0.64	0.12	0.30	0.47	0.03	-0.49	0.12	0.12	0.09	0.71	0.07	0.00	1.25
43MGP7	0.06	0.64	2.41	0.05	-1.21	2.07	0.04	0.00	1.67	0.08	-0.45	2.50	0.07	-0.05	2.34
6BYXUK	0.07	1.53	1.42	0.09	-0.47	1.84	0.04	0.00	1.47	0.20	1.27	1.33	0.16	1.64	0.76
7KGTBC	0.00	-1.87		0.01	-2.03		0.01	-2.66		0.01	-1.41		0.01	-1.08	
7R3R2K	0.04	-0.08	0.00	0.12	0.13	0.33	0.02	-1.52	0.00	0.11	-0.08	0.33	0.05	-0.31	0.00
AEJDEZ	0.05	0.29	0.04	0.14	0.54	0.44	0.05	0.41	0.39	0.15	0.47	0.17	0.10	0.52	0.19
AR7KAF	0.04	0.14	0.17	0.15	0.71	0.72	0.04	0.04	0.14	0.14	0.41	1.23	0.08	0.14	0.13
CTVT8A	0.03	-0.40	1.04	0.06	-0.94	1.19	0.04	0.25	1.70	0.09	-0.34	0.91	0.04	-0.42	1.38
DJ233T	0.03	-0.73		0.14	0.53		0.03	-0.79		0.08	-0.40		0.04	-0.47	
G3K6BP	0.03	-0.56	0.00	0.11	0.00	0.00				0.10	-0.17	0.00			
KH6YB6	0.04	0.08	0.39	0.08	-0.60	0.57	0.04	0.00	0.96	0.10	-0.17	0.57	0.07	-0.02	0.76
UPAWBU	0.14	4.59 X	1.04	0.16	0.94	0.66	0.12	6.08 X	0.56	0.22	1.54	0.33	0.11	0.72	0.66
W9FBHY	0.20	7.48 X	0.33	0.25	2.89 X	0.62	0.26	16.66 X	0.39	0.30	2.57	0.32	0.23	2.70	0.59
B - sp (SubTestCode 113) in the Salinity Property Groups													Data units: mg/L		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	0.042			0.11			0.040			0.11			0.068		
Median Abs Dev	0.010			0.03			0.005			0.03			0.028		
Avg Within Lab SD	0.015			0.02			0.018			0.02			0.015		
Labs Included	12			13			11			14			13		
Labs Reporting	14			14			13			14			13		



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups													Data units: dS/m		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	0.24	0.06	0.00	0.23	0.52	0.39	0.43	0.45	0.42	1.83	0.09	0.17	1.34	0.26	0.06
6BYXUK	0.25	0.29	0.51	0.10	-1.26	0.39	0.41	0.09	0.85	1.67	-0.29	0.00	1.22	0.00	0.22
6N2LME	0.21	-0.41	0.13	0.16	-0.41	3.10	0.40	-0.05	1.10	1.22	-1.38	5.12	1.26	0.09	0.02
6WVT86	0.29	0.94	0.25	0.28	1.08	0.28	0.44	0.66	0.30	2.02	0.56	0.21	1.62	0.83	0.33
7KGTBC	0.31	1.30		0.82	8.16X		0.52	2.19		5.57	9.14X		2.98	3.67X	
8WPY24	0.23	-0.11	0.88	0.15	-0.61	1.02	0.43	0.45	1.12	1.78	-0.02	0.67	1.17	-0.10	0.43
AEJDEZ	0.17	-1.17	0.86	0.13	-0.78	1.78	0.37	-0.61	0.52	1.55	-0.58	0.61	0.94	-0.58	0.19
ANNKUZ	0.24	0.00	0.05	0.23	0.46	0.04	0.39	-0.24	0.07	1.89	0.25	0.00	1.31	0.19	0.01
CM3NE7	0.20	-0.63	0.00	0.20	0.09	0.00	0.40	-0.03	0.00	1.70	-0.22	0.83	1.10	-0.24	1.07
CRHYRA	0.20	-0.68	0.51	0.08	-1.52	0.39	0.34	-1.04	0.42	1.50	-0.71	0.08	0.98	-0.49	0.06
DJ233T	0.34	1.84	0.51	0.40	2.70X	0.67	0.48	1.40	1.27	3.28	3.61X	0.10	2.26	2.16	0.45
DULEE7	0.22	-0.22	1.09	0.31	1.53	0.73	0.45	0.78	2.07	1.79	0.00	0.67	1.29	0.15	0.67
E9HTCE	0.26	0.35	0.13	0.26	0.87	0.08	0.41	0.21	0.13	1.83	0.10	0.03	1.43	0.45	0.15
EPJUQX	0.23	-0.03	0.03	0.22	0.40	0.02	0.38	-0.46	0.03	1.67	-0.28	0.00	0.93	-0.59	0.00
FWK7MU	0.24	0.12	1.35	0.18	-0.17	0.67	0.39	-0.21	0.73	1.52	-0.66	0.42	1.16	-0.11	0.16
GU9RTU	0.05	-3.21X	0.00	0.07	-1.61	0.00	0.15	-4.56X	1.12	0.20	-3.86X	0.13	0.38	-1.75	0.06
MG4L43	0.28	0.81	0.51	0.26	0.83	0.39	0.39	-0.27	0.85	2.36	1.38	0.08	2.11	1.86	0.11
NJPMLV	0.27	0.58	0.88	0.22	0.39	1.02	0.44	0.75	0.42	1.95	0.38	0.17	1.83	1.27	5.37
NMN28Z	0.20	-0.57	0.51	0.17	-0.26	0.39	0.44	0.75	0.42	1.90	0.27	0.05	1.10	-0.24	0.11
QM2CZP	0.25	0.21	0.22	0.25	0.80	0.15	0.37	-0.52	0.11	1.67	-0.29	0.02	0.95	-0.55	0.01
QUENQV	0.15	-1.55	0.51	0.10	-1.26	0.39	0.36	-0.75	0.73	1.47	-0.77	0.25	0.89	-0.68	0.43
RMUPX2	0.29	0.95	0.94	0.27	1.06	0.63	0.43	0.47	1.40	1.96	0.40	0.58	2.24	2.13	0.50
RQVTPN	0.28	0.70	2.22	0.15	-0.61	1.39	0.37	-0.57	1.46	1.02	-1.86	0.59	0.93	-0.60	0.19
RUV2UY	0.16	-1.32	3.53	0.17	-0.30	3.06	0.49	1.64	2.24	1.35	-1.06	0.80	1.11	-0.22	0.75
VL9DNL	0.25	0.18	0.51	0.22	0.39	0.39	0.40	0.03	0.42	1.95	0.38	0.17	1.32	0.21	0.22
VWN6CV	0.33	1.56	0.51	0.26	0.83	0.39	0.38	-0.33	0.42	2.69	2.18	0.30	2.26	2.18	0.51
VZQ3MN	0.22	-0.26	0.45	0.30	1.38	0.20	0.37	-0.49	0.32	1.82	0.07	0.15	0.89	-0.68	0.17



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
W3BAKQ	0.18	-0.97	1.77	0.18	-0.17	1.33	0.20	-3.61	0.73	2.00	0.50	0.17	1.36	0.30	0.21	
XZYUQP	0.21	-0.40	0.51	0.19	-0.09	0.77	0.49	1.52	0.42	2.00	0.51	0.87	1.03	-0.38	0.22	
YBJMGC	0.27	0.58	0.00	0.21	0.22	0.00	0.46	0.98	0.42	0.72	-2.59	0.05	1.36	0.31	0.06	
YBWGVQ	0.31	1.21	1.02	0.25	0.70	0.39	0.37	-0.63	0.85	2.61	1.97	0.39	2.18	2.00	0.48	
YXQ4ZL	0.17	-1.14	0.88	0.14	-0.65	0.39	0.27	-2.42	0.42	1.50	-0.70	0.13	1.24	0.04	0.38	
ZD26AG	0.20	-0.63	0.88	0.18	-0.16	0.68	0.42	0.38	2.86	1.80	0.01	0.21	1.11	-0.23	0.27	
ZEVRQQ	0.21	-0.49	0.13	0.18	-0.16	0.18	0.39	-0.24	0.16	1.60	-0.46	0.10	1.03	-0.39	0.05	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
Grand Median	0.24			0.19			0.40			1.79			1.22			
Median Abs Dev	0.03			0.05			0.03			0.19			0.19			
Avg Within Lab SD	0.01			0.01			0.01			0.12			0.09			
Labs Included	33			32			32			31			33			
Labs Reporting	34			34			34			34			34			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups													Data units: dS/m		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4JCNKH	0.11	-1.64	1.45	0.12	-0.51	0.25	0.20	-0.30	0.24	1.34	-0.40	0.70	0.86	-1.41	0.75
4XRR6R	0.14	-0.69	0.19	0.11	-0.77	0.34	0.17	-1.13	0.16	1.23	-0.99	0.28	1.00	-0.71	0.05
8H7BPL	0.21	0.97	0.86	0.14	0.12	0.00	0.21	-0.11	0.00	1.52	0.52	0.00	1.25	0.54	
99G688	0.19	0.64	1.27	0.22	2.56	1.40	0.26	1.27	1.52	0.16	-6.57X	0.06	1.01	-0.63	1.47
9ADKK6	0.16	-0.36	0.86	0.16	0.66	2.46	0.35	3.81X	0.53	1.49	0.35	2.24	0.88	-1.27	0.30
AJTRWY	0.20	0.80	1.46	0.15	0.43	0.23	0.24	0.58	0.13	1.67	1.30	0.97	1.41	1.36	0.29
ANNKUZ	0.17	-0.01	0.02	0.12	-0.54	0.02	0.21	0.02	0.05	1.34	-0.43	0.02	1.14	0.00	0.02
B8EY4H	0.14	-0.69		0.11	-0.92		0.16	-1.55		0.98	-2.31		1.10	-0.20	
E9HTCE	0.19	0.54	0.46	0.14	0.18	0.23	0.23	0.36	0.22	1.35	-0.38	0.03	1.01	-0.64	0.09
ELKG49	0.13	-0.95	0.29	0.06	-2.39	0.76	0.30	2.43	0.48	1.03	-2.03	0.14	0.55	-2.93X	0.26
EUY662	0.14	-0.81	2.59	0.15	0.34	0.93	0.21	-0.20	0.53	1.32	-0.54	1.36	1.18	0.21	1.62
FXRLUZ	0.20	0.90	0.15	0.13	-0.11	0.50	0.21	0.00	0.32	1.49	0.39	0.52	1.22	0.40	0.26
FYN37X	0.14	-0.91	0.00	0.12	-0.38	0.09	0.23	0.31	0.11	1.37	-0.26	0.00	0.77	-1.84	0.03
G3K6BP	0.19	0.39	0.00	0.19	1.57	0.00	0.24	0.57	0.00	1.66	1.25	0.00	1.03	-0.54	0.00
JYTM4	0.16	-0.36	0.00	0.14	0.12	0.00	0.20	-0.41	0.00	1.39	-0.16	0.00	1.15	0.05	0.00
M8FTTR	0.17	0.01	0.43	0.14	0.11	0.19	0.20	-0.26	0.28	1.43	0.05	0.48	1.20	0.31	0.30
NZRPYU	0.16	-0.23	0.10	0.13	-0.15	1.27	0.23	0.39	0.96	1.25	-0.86	1.83	0.93	-1.04	1.09
PRGMDT	0.19	0.65	0.31	0.14	-0.02	0.25	0.24	0.78	0.85	1.30	-0.65	0.91	0.81	-1.65	1.46
PVCELQ	0.22	1.31	0.09	0.14	0.11	0.17	0.21	0.01	0.05	1.53	0.55	0.04	1.24	0.50	0.05
R3P8NZ	0.13	-1.16	3.11	0.11	-0.73	2.46	0.14	-2.11	2.80	0.11	-6.81X	0.32	0.87	-1.34	0.99
RUV2UY	0.13	-0.99	1.73	0.08	-1.69	2.46	0.26	1.17	3.70	1.25	-0.90	3.28	0.75	-1.95	1.39
V9L6NZ	0.15	-0.44	0.00	0.12	-0.52	0.00	0.20	-0.36	0.00	1.44	0.08	0.00	1.16	0.10	0.00
VWN6CV	0.20	0.79	0.00	0.14	0.12	0.00	0.21	-0.11	0.00	1.47	0.28	0.58	1.23	0.46	0.23
WHNKCJ	0.18	0.26	0.00	0.13	-0.20	0.00	0.20	-0.38	0.00	1.41	-0.05	0.48	1.18	0.21	0.11
WMXXUH	0.15	-0.63	0.31	0.12	-0.59	0.09	0.17	-1.12	0.00	1.43	0.07	0.16	1.22	0.40	0.00
WYREJJ	0.17	-0.01	0.00	0.19	1.73	0.00	0.24	0.71	0.92	1.82	2.10	1.31	1.12	-0.10	0.34
XEL4CU	0.23	1.55	0.09	0.14	-0.04	0.16	0.17	-1.13	0.05	1.48	0.33	0.04	1.23	0.45	0.02



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
XJE7HF	0.18	0.26	0.00	0.15	0.34	1.86	0.22	0.16	0.00	1.46	0.23	0.42	1.24	0.50	0.20	
XWF2EM	0.20	0.70	0.86	0.21	2.26	0.93	0.26	1.26	0.00	1.67	1.32	0.42	1.05	-0.46	3.85	
YBWGVQ	0.19	0.61	0.86	0.14	0.02	0.93	0.20	-0.38	0.92	1.40	-0.10	0.73	1.19	0.26	0.11	
Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	0.17			0.14			0.21			1.42			1.14			
Median Abs Dev	0.03			0.01			0.01			0.08			0.10			
Avg Within Lab SD	0.01			0.01			0.01			0.04			0.05			
Labs Included	30			30			29			28			29			
Labs Reporting	30			30			30			30			30			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2WQZZA	7.80	0.98	0.00	6.80	-0.57	0.00	6.00	1.15		7.70	0.53	0.00	4.90	0.73	0.00	
2ZLUXB	7.38	-1.53	0.52	6.64	-1.25	2.28	5.59	-2.10	0.44	7.38	-1.70	0.16	4.70	-0.28	1.92	
47NKDL	7.83	1.14	0.09	6.92	-0.07	0.10	5.86	0.04	0.00	7.72	0.70	0.18	4.75	-0.02	0.11	
4A9CNN	7.72	0.50	0.64	7.13	0.86	1.66	5.86	0.04	0.70	7.59	-0.27	1.24	4.71	-0.27	0.13	
4JCNKH	7.62	-0.08	1.69	6.68	-1.08	0.35	5.81	-0.33	0.50	7.60	-0.19	0.66	4.70	-0.30	1.06	
4XRR6R	7.68	0.24	0.53	6.75	-0.80	0.35	5.88	0.17	0.19	7.67	0.35	0.88	4.73	-0.13	0.40	
6BYXUK	7.77	0.78	0.95	7.19	1.13	0.70	6.10	1.91	0.74	7.73	0.72	0.49	4.89	0.66	1.26	
6N2LME	7.33	-1.83	0.15	6.82	-0.48	0.00	5.87	0.12	0.00	7.67	0.35	0.18	5.56	4.10X	0.40	
6WVT86	7.68	0.24	0.17	7.21	1.22	0.42	5.85	-0.01	0.94	7.63	0.02	0.18	4.61	-0.78	0.40	
72NVAJ	7.54	-0.58	0.52	6.82	-0.50	0.26	5.79	-0.54	0.25	7.55	-0.53	0.56	4.71	-0.23	0.11	
7KGTBC	6.88	-4.52X		5.80	-4.91X		4.40	-11.52X		7.22	-2.81		3.64	-5.74X		
8224BJ	7.63	-0.06	0.09	7.07	0.59	0.92	5.83	-0.20	0.92	7.67	0.30	0.18	4.66	-0.52	0.48	
83XJMF	7.77	0.80	1.43	6.90	-0.15	1.24	5.86	0.04	1.86	7.59	-0.23	2.40	4.80	0.23	2.10	
8GDKJ7	7.53	-0.66	0.08	7.12	0.80	0.26	5.92	0.55	0.08	7.43	-1.33	0.26	5.69	4.81X	2.20	
8WPY24	7.64	0.00	0.61	7.07	0.60	0.17	5.89	0.30	0.85	7.48	-1.02	1.12	4.70	-0.31	0.86	
99G688	7.47	-1.02	0.87	6.70	-1.00	0.00	5.60	-2.02	0.00	7.40	-1.56	0.00	4.60	-0.81	0.00	
AEJDEZ	7.66	0.16	2.02	6.87	-0.25	1.26	6.10	1.94	2.62	7.44	-1.30	3.62	4.80	0.22	1.33	
ANNKUZ	7.59	-0.28	0.15	6.86	-0.30	0.10	5.75	-0.81	0.10	7.51	-0.79	0.00	4.60	-0.83	0.11	
AR7KAF	7.67	0.18	0.87	6.87	-0.28	0.97	5.97	0.88	0.95	7.77	1.00	0.92	4.60	-0.81	0.00	
ARNUXA	7.61	-0.14	0.61	6.80	-0.59	0.35	5.80	-0.41	0.19	7.62	0.00	0.18	4.78	0.10	0.40	
CM3NE7	7.50	-0.82		6.80	-0.57	0.00	5.90	0.36	0.00	7.60	-0.16	0.00	4.83	0.39	1.10	
CRHYRA	7.87	1.37	0.87	7.03	0.44	0.97	5.90	0.36	0.00	7.73	0.77	0.92	4.83	0.39	1.10	
CXNRL6	7.75	0.68	0.30	7.01	0.34	0.29	5.88	0.17	0.19	7.71	0.60	0.42	5.00	1.24	0.83	
DULEE7	7.55	-0.52	2.38	7.02	0.38	1.77	6.04	1.44	0.69	7.47	-1.07	0.16	5.21	2.34	1.16	
E8MAAD	7.51	-0.74	0.35	6.74	-0.85	0.51	5.66	-1.57	0.25	7.68	0.37	0.40	4.60	-0.81	0.19	
E9HTCE	7.76	0.72	0.83	7.04	0.48	0.70	5.88	0.22	0.58	7.67	0.33	0.57	4.69	-0.35	0.50	
ELKG49	5.20	-14.57X	0.00	6.60	-1.44	0.00	6.03	1.41	0.95	4.80	-19.67X	0.00	7.90	16.14X	0.00	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
EPJUQX	7.67	0.20	0.15	6.95	0.09	0.10	5.76	-0.75	0.00	7.63	0.07	0.09	4.63	-0.64	0.11	
EUY662	7.50	-0.80	2.14	6.83	-0.43	2.81	5.79	-0.49	0.53	7.51	-0.81	1.20	4.81	0.27	1.64	
FWK7MU	7.72	0.50	1.73	7.08	0.63	1.85	5.83	-0.20	1.47	7.63	0.02	1.08	4.66	-0.50	1.71	
GCV8WQ	7.69	0.32	2.42	6.89	-0.18	0.93	6.09	1.86	1.03	7.64	0.14	1.75	4.79	0.18	1.37	
GU9RTU	7.47	-1.02	0.92	6.25	-2.96X	1.34	5.81	-0.38	0.53	8.11	3.39X	1.96	4.59	-0.86	1.32	
H9P9Y3	7.71	0.44	0.26	6.92	-0.07	0.35	5.84	-0.12	0.44	7.59	-0.21	0.24	4.78	0.10	0.40	
JYTM4	7.18	-2.71	0.57	6.53	-1.73	0.35	5.86	0.04	0.76	7.58	-0.30	0.42	4.78	0.10	0.29	
KGB96Q	7.68	0.26	0.30	7.48	2.38	0.50	5.96	0.83	0.49	7.55	-0.53	0.09	4.75	-0.04	0.76	
KH6YB6	7.59	-0.28	0.42	6.86	-0.30	0.67	5.71	-1.16	0.25	7.61	-0.09	0.19	4.65	-0.57	0.63	
M8FTTR	7.71	0.42	0.23	7.25	1.37	0.19	5.90	0.36	0.57	7.65	0.21	0.33	4.69	-0.36	0.29	
MG4L43	7.67	0.20	0.15	6.95	0.07	0.42	5.86	0.01	0.25	7.63	0.05	0.57	4.73	-0.13	0.55	
MY24TX	7.78	0.84	0.38	6.87	-0.27	0.50	5.80	-0.41	0.25	7.62	0.00	0.40	4.81	0.29	0.29	
NJPMLV	7.74	0.64	1.15	7.06	0.56	0.73	5.90	0.38	0.67	7.64	0.12	1.04	4.64	-0.59	0.72	
NLVB2L	7.62	-0.08	1.14	7.20	1.15	1.02	5.82	-0.25	1.42	7.51	-0.79	0.16	5.25	2.53	0.38	
NMN28Z	7.53	-0.62	0.09	6.97	0.18	0.10	5.75	-0.86	0.10	7.74	0.84	0.09	4.72	-0.19	0.00	
NULTFU	7.70	0.36	0.23	7.05	0.50	0.92	6.07	1.70	0.87	7.62	-0.05	0.40	5.02	1.33	0.58	
PDYUPM	7.60	-0.22	0.00	6.77	-0.72	0.97	5.80	-0.44	0.00	7.50	-0.86		4.70	-0.30	0.00	
PRGMDT	7.57	-0.38	0.09	7.04	0.47	0.50	5.78	-0.59	0.44	7.59	-0.21	0.33	4.67	-0.45	1.14	
Q2V2U2	6.97	-3.99X	0.45	6.56	-1.60	1.43	5.73	-1.02	0.50	7.46	-1.16	0.66	4.55	-1.08	0.48	
QM2CZP	7.66	0.12	0.35	7.00	0.28	0.26	5.75	-0.81	0.25	7.58	-0.33	0.18	4.63	-0.66	0.38	
QUENQV	7.83	1.18	0.87	7.13	0.87	0.97	5.87	0.09	0.95	7.80	1.23	0.00	4.77	0.05	1.10	
QZNJV6	6.94	-4.18X	3.29	6.69	-1.05	3.34	6.09	1.89	4.33	6.98	-4.51X	1.12	5.58	4.22X	2.05	
R3P8NZ	7.57	-0.40	1.83	7.08	0.63	2.13	5.77	-0.70	0.42	7.73	0.74	0.28	4.92	0.82	3.70	
RMUPX2	7.28	-2.11	0.71	7.36	1.86	0.93	6.09	1.83	1.33	7.13	-3.46X	1.08	5.16	2.07	1.24	
RQVTPN	6.33	-7.79X	1.73	6.50	-1.87		5.87	0.09	0.95	6.77	-5.97X	2.43	5.50	3.81	1.90	
RUV2UY	7.77	0.78	3.47	6.93	0.01	0.97	5.97	0.88	3.43	7.70	0.53	4.21	4.87	0.56	1.10	
TXAWAW	7.65	0.08	0.15	7.12	0.80	0.54	5.83	-0.22	0.19	7.49	-0.93	0.16	4.77	0.08	1.26	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
V9L6NZ	6.51	-6.73 X	0.30	7.09	0.69	0.34	5.81	-0.33	0.10	7.57	-0.37	0.16	4.79	0.17	0.19	
VL9DNL	7.50	-0.82		7.30	1.60	0.00	6.00	1.15		7.60	-0.16	0.00	5.00	1.24		
VWN6CV	7.41	-1.37	0.71	7.08	0.63	1.36	5.67	-1.47	0.72	7.32	-2.14	0.66	4.91	0.77	1.11	
W3BAKQ	8.00	2.17	1.50	7.70	3.33 X	1.68	6.20	2.73 X	1.65	7.90	1.93	1.59	5.00	1.24	1.90	
WDCWCM	7.48	-0.92	0.17	6.88	-0.21	0.26	5.79	-0.49	0.34	6.90	-5.04 X	18.21	4.65	-0.55	0.19	
WMXXUH	7.74	0.60	0.48	6.92	-0.07	0.35	5.82	-0.30	0.10	7.69	0.44	0.09	4.51	-1.26	0.11	
XAT3BF	7.65	0.06	0.09	6.93	-0.01	0.50	5.79	-0.51	0.00	7.63	0.07	0.18	4.66	-0.48	0.29	
XJE7HF	7.50	-0.80	0.98	7.38	1.93	1.08	5.86	0.07	0.42	7.90	1.95	1.37	5.19	2.24	0.11	
XWF2EM	7.54	-0.60	0.96	6.69	-1.06	0.76	5.93	0.59	0.87	7.46	-1.11	1.39	4.78	0.11	0.33	
XZYUQP	7.46	-1.04	0.23	7.05	0.50	0.76	5.77	-0.67	0.49	7.54	-0.56	0.60	4.65	-0.55	0.38	
YBJMGC	7.63	-0.06	0.23	7.00	0.31	0.35	5.76	-0.73	0.25	7.66	0.26	0.42	4.58	-0.93	0.22	
YBWGVQ	7.33	-1.83	0.26	6.93	-0.01	1.21	5.48	-2.94 X	0.25	7.27	-2.44	0.72	4.88	0.61	0.48	
YXQ4ZL	7.77	0.82	0.38	7.00	0.28	0.42	5.87	0.12	0.16	7.78	1.11	0.40	4.84	0.42	0.38	
ZD26AG	7.62	-0.10	0.69	6.90	-0.12	1.21	5.78	-0.57	1.25	7.66	0.23	0.75	5.01	1.28	1.40	
ZEVRQQ	7.70	0.37	0.02	6.92	-0.03	0.18	5.85	-0.04	0.03	7.70	0.51	0.04	4.76	0.02	0.36	
pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	7.64			6.93			5.86			7.62			4.76			
Median Abs Dev	0.10			0.13			0.06			0.08			0.10			
Avg Within Lab SD	0.07			0.06			0.06			0.06			0.05			
Labs Included	63			66			66			63			64			
Labs Reporting	69			69			69			69			69			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups													Data units: Unit		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	7.26	-1.86		6.89	-0.48		5.64	-2.33		7.73	0.00		4.77	-0.33	
77WD8C	7.61	-0.20	0.87	7.01	0.13	1.22	5.94	0.04	0.06	7.72	-0.04	1.68	4.75	-0.55	0.59
7KGTBC	6.88	-3.64	X	5.80	-6.11	X	4.40	-12.22	X	7.22	-2.41	X	3.64	-13.35	X
7VYDV9	7.70	0.22	0.41	7.03	0.24	0.27	5.93	-0.04	0.41	7.83	0.49	0.11	4.82	0.21	1.84
8224BJ	7.68	0.09	0.61	7.03	0.26	0.39	5.87	-0.52	0.57	7.75	0.11	0.58	4.81	0.10	0.26
8H7BPL	7.42	-1.11	0.20	6.96	-0.12	0.15	5.95	0.15	0.16	7.28	-2.11	0.22	4.91	1.29	0.17
9ADKK6	7.91	1.17	0.30	6.91	-0.40	0.47	5.97	0.33	0.82	7.13	-2.85	1.41	4.90	1.13	0.82
AJTRWY	7.78	0.59	1.29	6.78	-1.03	1.48	5.96	0.25	0.19	7.80	0.35	0.76	4.87	0.83	0.17
ANNKUZ	7.84	0.84	0.11	6.99	0.02	0.09	5.91	-0.20	0.25	7.76	0.13	0.11	4.73	-0.75	0.10
B8EY4H	7.94	1.32	X	7.81	4.27	X	6.44	4.06	X	7.65	-0.38	X	5.40	6.93	X
DJ233T	7.62	-0.19	0.11	7.17	0.95	0.39	5.94	0.09	0.53	7.67	-0.30	0.58	4.76	-0.48	0.10
E9HTCE	7.94	1.31	0.75	7.15	0.88	0.32	6.05	0.94	0.00	7.90	0.80	0.00	4.79	-0.10	0.17
FXRLUZ	7.64	-0.06	1.47	6.92	-0.33	0.41	6.00	0.55	1.45	7.62	-0.54	1.60	4.88	0.90	0.20
FYN37X	7.40	-1.20	0.00	6.63	-1.81	1.78	5.73	-1.58	0.94	7.67	-0.30	1.09	4.87	0.79	1.99
G3K6BP	7.56	-0.45	0.00	7.14	0.81	0.00	5.93	-0.01	0.00	7.62	-0.52	0.00	4.86	0.71	0.00
HCNKU3	7.71	0.26	2.52	7.36	1.96	2.78	5.84	-0.70	0.90	7.56	-0.82	3.21	5.35	6.32	X
L9B97N	7.66	0.03	0.30	6.97	-0.07	0.15	5.91	-0.17	0.16	7.76	0.16	0.11	4.74	-0.63	0.20
M8FTTR	7.82	0.75	0.41	7.32	1.74	1.22	6.04	0.89	0.25	7.81	0.36	0.66	4.82	0.21	0.20
NZRPYU	7.65	-0.02	2.19	7.26	1.45	1.48	5.81	-0.98	4.30	7.76	0.13	0.81	4.70	-1.11	3.45
PVCELQ	7.44	-1.03	0.11	6.71	-1.43	0.09	5.99	0.44	0.34	7.37	-1.69	0.39	4.92	1.44	0.10
RUV2UY	7.57	-0.42	2.04	6.82	-0.86	1.50	5.68	-1.98	0.57	7.73	0.00	1.00	4.78	-0.17	0.26
VWN6CV	7.57	-0.42	0.94	7.09	0.57	0.85	5.82	-0.92	0.25	7.58	-0.69	1.23	4.74	-0.71	0.65
WHNKCJ	7.84	0.84	0.30	6.98	-0.02	0.27	5.88	-0.39	0.09	7.83	0.49	0.11	4.75	-0.52	0.26
WMW7XV	7.91	1.17	1.20	7.02	0.19	1.21	5.95	0.17	0.09	7.82	0.44	0.85	4.91	1.29	0.34
WMXXUH	7.86	0.95	0.20	7.02	0.21	0.24	5.93	0.01	0.25	7.86	0.63	0.29	4.69	-1.29	0.26
XAT3BF	7.66	0.02	0.96	6.91	-0.36	0.99	5.97	0.34	0.58	7.75	0.10	0.24	4.78	-0.18	0.46
XEL4CU	7.35	-1.44	0.20	6.82	-0.86	0.18	6.04	0.89	0.19	7.20	-2.51	0.19	4.84	0.48	1.19



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
YBWGVQ	7.46	-0.91	0.41	6.91	-0.40	0.50	5.60	-2.62	0.19	7.52	-0.98	0.39	4.55	-2.82	X	0.55
pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
Grand Median	7.66			6.98			5.93			7.73			4.80			
Median Abs Dev	0.14			0.09			0.05			0.10			0.06			
Avg Within Lab SD	0.05			0.06			0.06			0.05			0.06			
Labs Included	26			26			26			26			24			
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	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	7.08	-0.29	2.28	6.32	-1.20	2.10	5.42	-0.86	1.61	7.49	0.07	1.39	4.62	0.00	0.22	
72NVAJ	7.10	-0.18	0.21	6.39	-0.74	0.35	5.43	-0.78	0.19	7.47	-0.17	0.46	4.60	-0.16	0.11	
83XJMF	7.22	0.66	0.60	6.48	-0.13	0.35	5.48	0.60	0.57	7.48	-0.03	1.06	4.66	0.47	0.55	
8WPY24	6.93	-1.36	0.52	6.61	0.76	1.58	5.43	-0.69	0.98	7.09	-4.00X	0.40	4.65	0.39	0.38	
ANNKUZ	7.13	0.00	0.12	6.45	-0.36	0.20	5.22	-6.13X	0.00	7.26	-2.24	0.23	4.42	-2.29	0.11	
ARNUXA	6.99	-0.95	0.32	6.38	-0.78	0.53	5.50	1.21	0.50	7.49	0.03	0.61	4.57	-0.55	0.33	
KGB96Q	7.18	0.36	0.41	6.77	1.78	1.41	5.47	0.35	0.33	7.46	-0.24	0.40	4.60	-0.20	0.76	
MY24TX	7.25	0.86	1.04	6.52	0.13	0.92	5.46	0.00	1.15	7.56	0.75	0.46	4.64	0.24	0.40	
PDYUPM	7.03	-0.63	1.20	6.30	-1.34	0.00	5.43	-0.60	1.89	7.40	-0.85	0.00	4.57	-0.59	1.10	
RUV2UY	7.20	0.50	0.00	6.50	0.00		5.40	-1.47	0.00	7.53	0.51	2.32	4.60	-0.20	0.00	
VZQ3MN	6.97	-1.09	2.01	6.53	0.18	0.88	5.46	0.00	1.05	7.45	-0.34	1.45	4.75	1.58	3.14	
WYREJJ	7.24	0.79	0.43	6.57	0.45	0.81	5.49	0.86	0.86	7.54	0.61	0.61	4.67	0.63	0.76	
YXQ4ZL	7.29	1.09	0.32	6.64	0.91	0.53	5.58	3.28X	0.19	7.71	2.27	0.23	4.74	1.46	0.19	
pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	7.13			6.50			5.46			7.48			4.62			
Median Abs Dev	0.10			0.11			0.03			0.04			0.04			
Avg Within Lab SD	0.05			0.03			0.03			0.02			0.05			
Labs Included	13			13			11			12			13			
Labs Reporting	13			13			13			13			13			



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pH (1:2) 0.01M CaCl ₂ (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2Z7BDD	7.07	-0.62	0.73	6.52	0.34	1.54	5.59	1.13	0.48	7.44	-1.07	1.41	4.68	1.05	1.02	
47NKDL	6.98	-1.37	0.73	6.27	-1.49	0.25	5.41	-0.31	0.09	7.58	0.00	0.75	4.64	0.50	0.25	
ANNKUZ	7.21	0.42	0.27	6.52	0.36	0.25	5.43	-0.15	0.09	7.58	0.05	0.19	4.55	-0.68	0.15	
DJ233T	7.06	-0.72	0.95	6.55	0.55	0.43	5.37	-0.69	0.49	7.42	-1.23	1.48	4.56	-0.51	1.31	
M8FTTR	7.25	0.75	0.82	6.74	1.92	1.13	5.48	0.23	0.00	7.62	0.31	0.81	4.62	0.29	0.15	
PRGMDT	7.19	0.31	0.27	6.69	1.56	1.13	5.52	0.56	0.32	7.58	0.05	0.37	4.65	0.58	0.15	
RQVTPN	5.60	-12.04 X	0.00	5.87	-4.38 X	4.94	5.60	1.21	2.76	6.17	-11.04 X	6.73	5.17	7.16 X	3.86	
VWN6CV	7.07	-0.62	1.20	6.47	0.00	0.89	5.34	-0.89	0.82	7.43	-1.15	1.48	4.55	-0.60	1.44	
WHNKCJ	7.24	0.70	1.80	6.45	-0.14	0.25	5.38	-0.59	0.16	7.64	0.52	0.19	4.49	-1.44	1.78	
WMXXUH	7.24	0.70	1.80	6.42	-0.38	1.28	5.47	0.15	0.42	7.72	1.10	1.04	4.60	0.03	0.77	
XAT3BF	7.15	0.00	0.45	6.45	-0.16	0.50	5.48	0.26	0.62	7.58	-0.01	0.36	4.60	0.00	0.58	
YBWGVQ	7.00	-1.21	0.27	6.40	-0.51	1.73	5.22	-1.92	1.60	7.33	-1.93	1.41	4.46	-1.74	1.39	

pH (1:2) 0.01M CaCl ₂ (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	7.15			6.47			5.45			7.58			4.60			
Median Abs Dev	0.09			0.05			0.07			0.07			0.05			
Avg Within Lab SD	0.02			0.02			0.06			0.03			0.04			
Labs Included	11			11			12			11			11			
Labs Reporting	12			12			12			12			12			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
33TCV7	6.89	-0.21		6.59	-0.42		5.12	1.99		7.27	0.00		4.36	0.81		
8H7BPL	6.95	0.49	0.17	6.74	1.18	0.09	4.94	-0.57	0.38	7.26	-0.08	0.08	4.14	-1.17	0.18	
AEJDEZ	6.91	0.00	1.32	6.52	-1.15	1.37	5.03	0.71	1.38	7.43	1.00	1.07	4.39	1.05	1.72	
B8EY4H	6.99	1.03		6.69	0.63		4.98	0.00		7.58	1.94		4.27	0.00		
XJE7HF	6.77	-1.65	1.10	6.63	0.00	1.05	4.97	-0.09	0.97	7.21	-0.35	1.36	4.23	-0.33	0.10	
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	6.91			6.63			4.98			7.27			4.27			
Median Abs Dev	0.04			0.06			0.04			0.06			0.09			
Avg Within Lab SD	0.07			0.07			0.03			0.07			0.06			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4A9CNN	0.097		0.32	0.068		1.73	0.107		0.34	0.665		0.07	0.522		0.00	
FA7LQU	0.104		1.51	0.069		0.33	0.102		0.81	0.635		0.17	0.515		0.53	
FXRLUZ	0.110		0.45	0.061		0.77	0.097		1.31	0.672		0.51	0.537		0.61	
HCNKU3	0.087		1.19	0.067		0.57	0.098		1.23	0.625		1.92	0.485		1.83	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups															Data units: dS/m	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	0.10			0.068			0.10			0.65			0.52			
Median Abs Dev																
Avg Within Lab SD	0.00			0.002			0.00			0.01			0.01			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Soil pH (1:5) 0.01 M CaCl2 (SubTestCode 121) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FA7LQU	7.14		1.00	6.78		1.00	5.16		1.00	7.65		1.00	4.43		1.00	
Soil pH (1:5) 0.01 M CaCl2 (SubTestCode 121) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	7.14			6.78			5.16			7.65			4.43			
Median Abs Dev																
Avg Within Lab SD	0.01			0.02			0.01			0.00			0.06			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	7.35	0.04	0.53	7.49	0.52	0.42	6.56	-0.26	0.08	7.46	0.45	0.57	6.07	-0.36	0.45	
4JCNKH	7.42	0.53	0.73	7.42	-0.05	1.21	6.55	-0.42	1.27	7.42	-0.18	1.32	6.47	1.31	1.08	
6BYXUK	7.36	0.06	1.20	7.43	0.05	0.84	6.65	0.72	0.64	7.46	0.36	1.15	6.18	0.13	0.50	
DJ233T	7.17	-1.38	0.25	7.29	-1.08	0.12	6.43	-1.82	0.17	7.26	-2.28	0.00	5.93	-0.92	0.22	
PRGMDT	7.37	0.17	0.67	7.51	0.71	0.12	6.65	0.68	0.08	7.47	0.58	0.13	6.15	0.00	0.08	
R3P8NZ	7.66	2.40	0.84	7.73	2.39	1.71	6.70	1.32	2.26	7.71	3.79X	0.35	6.45	1.24	1.73	
RQVTPN	7.10	-1.92	2.54	7.30	-0.97	2.10	6.50	-0.98	1.47	7.30	-1.74	2.28	6.13	-0.08	2.15	
W9FBHY							6.59	0.00	1.23				6.03	-0.50	1.07	
WMW7XV	7.34	-0.06	0.00	7.41	-0.10	0.42	6.52	-0.79	0.08	7.41	-0.22	0.35	6.46	1.27	0.65	
YBWGVQ	7.33	-0.14	0.25	7.50	0.60	0.21	6.59	0.04	0.29	7.45	0.27	0.46	6.11	-0.18	0.28	
YXQ4ZL	7.34	-0.04	0.15	7.39	-0.26	0.21	6.62	0.38	0.15	7.43	0.00	0.23	6.50	1.43	0.22	
SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	7.35			7.42			6.59			7.43			6.15			
Median Abs Dev	0.02			0.07			0.06			0.03			0.12			
Avg Within Lab SD	0.04			0.05			0.07			0.04			0.07			
Labs Included	10			10			11			9			11			
Labs Reporting	10			10			11			10			11			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
247L9D	7.24	-4.28	0.15	7.55	0.31	0.25	6.52	-1.07	0.18	7.35	-2.15	0.02	6.12	-1.37	0.11	
47NKDL	7.39	-1.48	0.00	7.43	-2.63	0.00	6.43	-1.86	0.12	7.45	-0.57	0.00	6.19	-1.06	0.11	
6N2LME	7.47	0.00	0.00	7.52	-0.38	0.00	6.76	1.00	0.00	7.47	-0.26	0.00	6.73	1.05	0.00	
AEJDEZ							6.63	-0.14	0.42				6.39	-0.30	0.54	
AR7KAF	7.50	0.56		7.57	0.79	2.59	7.20	4.77X	0.00	7.57	1.24	1.51	6.87	1.59	1.07	
CM3NE7	7.50	0.56		7.60	1.63	0.00	6.70	0.49	0.00	7.60	1.76	0.00	6.50	0.14		
CXNRL6	7.15	-5.93X	0.94	7.17	-9.07X	1.30	6.76	1.00	0.54	7.16	-5.13X	0.84	6.79	1.30	0.39	
DULEE7	7.43	-0.74	2.77	7.53	-0.13	2.38	6.65	0.09	1.70	7.48	-0.16	1.29	6.50	0.16	2.95	
ELKG49	6.10	-25.38X	0.00	7.17	-9.24X	2.59	7.07	3.63X	1.18	6.40	-16.88X	0.00	7.40	3.69X	0.00	
FA7LQU	7.44	-0.56	0.35	7.54	0.13	0.00	6.73	0.77	0.24	7.50	0.16	1.09	6.29	-0.70	0.54	
GCV8WQ	7.48	0.12	0.20	7.54	0.21	0.26	6.85	1.74	3.23	7.43	-0.88	2.57	6.66	0.79	0.92	
JYTTM4	7.45	-0.37	0.00	7.45	-2.13	0.00	6.60	-0.37	0.00	7.43	-0.83	0.75	6.73	1.06	0.54	
KGB96Q	7.51	0.68	0.89	7.47	-1.63	1.35	6.62	-0.17	0.92	7.39	-1.55	1.70	6.67	0.81	0.93	
KH6YB6	7.48	0.19	0.04	7.55	0.40	0.12	6.51	-1.16	1.77	7.48	-0.16	0.86	6.33	-0.54	0.21	
MG4L43	7.39	-1.48	0.00	7.49	-1.13	0.00	6.61	-0.29	0.20	7.48	-0.10	0.00	6.19	-1.09	0.11	
MY24TX	7.47	0.06	0.41	7.52	-0.38	0.45	6.65	0.06	0.20	7.51	0.36	0.52	6.58	0.45	0.47	
NLVB2L	7.00	-8.71X		7.00	-13.42X		6.75	0.91	1.22	7.00	-7.56X		6.36	-0.41	1.13	
QUENQV	7.48	0.19	1.06	7.55	0.29	0.94	6.75	0.89	0.42	7.55	0.93	0.30	6.54	0.30	0.19	
RUV2UY	7.50	0.56		7.50	-0.88		6.63	-0.09	1.18	7.53	0.72	1.51	6.53	0.28	2.14	
TXAWAW	7.39	-1.42	1.08	7.53	-0.21	1.04	6.52	-1.06	1.27	7.45	-0.62	0.30	6.21	-1.01	0.47	
V9L6NZ	7.48	0.19	0.35	7.56	0.71	0.26	6.66	0.14	0.20	7.51	0.31	0.30	6.46	0.00	0.21	
WDCWCM	7.48	0.12	0.41	7.54	0.13	0.45	6.52	-1.03	0.31	7.49	0.10	0.30	6.30	-0.63	0.39	
XJE7HF	7.43	-0.74	1.97	7.51	-0.54	1.87	6.64	-0.06	0.62	7.50	0.16	0.80	6.37	-0.37	0.74	
XZYOUQP	7.46	-0.12	0.41	7.54	0.13	0.45	6.51	-1.11	0.12	7.53	0.62	0.15	6.22	-0.96	0.74	
YXQ4ZL	7.47	0.00	0.71	7.53	-0.04	0.26	6.66	0.14	0.61	7.55	0.98	0.00	6.57	0.41	0.39	
ZD26AG	7.45	-0.43	1.75	7.54	0.04	0.69	6.71	0.57	0.71	7.47	-0.21	1.58	6.44	-0.08	1.90	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups					Data units: Unit
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	7.47	7.54	6.64	7.49	6.46
Median Abs Dev	0.03	0.02	0.08	0.04	0.16
Avg Within Lab SD	0.03	0.02	0.05	0.04	0.05
Labs Included	22	22	24	22	25
Labs Reporting	25	25	26	25	26



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4XRR6R	7.47		0.37	7.56		0.90	6.66		0.67	7.51		0.70	6.46		1.27
AEJDEZ							6.65		1.40				6.41		0.92
XJE7HF	7.43		1.36	7.51		1.09	6.64		0.77	7.50		1.23	6.37		0.74
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	7.45			7.54			6.65			7.50			6.41		
Median Abs Dev															
Avg Within Lab SD	0.04			0.04			0.04			0.02			0.05		
Labs Included	2			2			3			2			3		
Labs Reporting	2			2			3			2			3		



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4JCNKH	7.82	0.00	1.83	7.95	-0.20	0.00	7.35	-0.51	0.00	7.73	0.00	1.55	7.25	0.00	
AJTRWY	7.83	0.96	0.00	8.00	1.29		7.42	0.76	0.20	7.80	1.69	0.00	7.17	-1.05	0.18
JYTTM4	7.82	0.00	0.69	7.90	-1.69	0.00	7.27	-2.10	1.00	7.68	-1.26	1.55	7.30	0.63	0.79
MG4L43	7.79	-2.17	0.14	7.96	0.20	0.71	7.38	0.00	0.53	7.73	0.00	0.31	7.15	-1.26	0.55
XWF2EM	7.81	-0.24	1.08	7.96	0.00	1.87	7.38	0.00	1.92	7.72	-0.42	0.31	7.28	0.42	1.75
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	7.82			7.96			7.38			7.73			7.25		
Median Abs Dev	0.00			0.01			0.03			0.02			0.05		
Avg Within Lab SD	0.04			0.01			0.03			0.02			0.06		
Labs Included	5			5			5			5			5		
Labs Reporting	5			5			5			5			5		



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4JCNKH	7.08		1.51	7.03		1.29	6.48	-0.59	1.08	7.18		1.51	6.43	0.33	0.13
8WPY24	7.18		0.80	7.09		1.13	6.54	0.23	0.43	7.24		0.80	6.32	0.00	0.09
GU9RTU				6.95			6.48	-0.64					6.22	-0.29	
NMN28Z	7.03		0.30	6.99		0.26	6.53	0.00	0.08	7.30		0.30	6.41	0.27	0.01
RUV2UY							6.67	1.91	1.63				5.47	-2.48	1.99
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	7.08			7.01			6.53			7.24			6.32		
Median Abs Dev							0.04						0.10		
Avg Within Lab SD	0.02			0.02			0.07			0.02			0.45		
Labs Included	3			4			5			3			5		
Labs Reporting	3			4			5			3			5		



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4XRR6R	6.68	0.00	0.12	6.62	0.56	0.00	5.92	-0.87	0.44	6.84	0.09	0.12	5.87	-0.04	0.81	
99G688	6.70	0.78	0.00	6.60	0.11	0.00	6.00	0.10		6.80	-0.98	0.00	5.83	-0.34	1.16	
EUY662				6.52	-1.61	0.80	5.98	-0.10	2.00				5.88	0.04	1.62	
MG4L43	6.72	1.43	0.07	6.59	-0.11	0.00	5.96	-0.38	0.00	6.84	0.00	0.07	5.70	-1.49	0.12	
RQVTPN	6.67	-0.26	2.22	6.66	1.54	2.31	6.09	1.15	0.88	6.85	0.44	2.22	5.92	0.46	1.11	
WYREJJ	6.66	-0.91	0.25	6.59	-0.11	0.14	6.11	1.44	0.17	6.77	-1.86	0.27	6.06	1.67	0.35	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	6.68			6.60			5.99			6.84			5.87			
Median Abs Dev	0.02			0.02			0.05			0.02			0.05			
Avg Within Lab SD	0.08			0.07			0.10			0.08			0.05			
Labs Included	5			6			6			5			6			
Labs Reporting	5			6			6			5			6			



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H+ cmol/kg (SubTestCode 1261) in the Buffer pH, Lime Requirement Property Groups															Data units: cmol/kg		
SRS2511					SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
W9FBHY							30.30		1.00						63.60	1.00	
H+ cmol/kg (SubTestCode 1261) in the Buffer pH, Lime Requirement Property Groups															Data units: cmol/kg		
SRS2511					SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median							30.3								63.6		
Median Abs Dev																	
Avg Within Lab SD	0.00			0.00			0.8			0.00					1.1		
Labs Included	0			0			1			0					1		
Labs Reporting	0			0			1			0					1		



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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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	17.37	0.64		9.53	0.47		31.60	1.03		209.65	-1.38		210.16	-0.68	
43MGP7	17.83	0.81	1.50	8.37	-0.10	1.99	27.27	-0.47	1.38	332.00	1.03	2.90	327.33	1.20	1.24
47NKDL	19.37	1.37	0.90	8.81	0.12	0.01	30.93	0.80	2.11	269.67	-0.19	0.56	294.33	0.67	1.74
4JCNKH	15.57	-0.03	1.87	7.76	-0.40	1.03	27.47	-0.41	1.75	251.00	-0.56	0.55	264.67	0.19	0.61
4PLKPR	13.46	-0.81	0.15	4.72	-1.90	0.78	34.22	1.94	1.43	405.63	2.49	1.01	444.25	3.07X	1.33
4VNWLP	25.42	3.61X	3.46	12.50	1.93	2.59	38.75	3.51X	3.16	317.21	0.74	0.83	419.04	2.67X	2.08
6BYXUK	17.60	0.72	0.41	8.53	-0.02	0.63	27.27	-0.47	0.24	259.80	-0.39	0.05	266.17	0.22	0.15
6N2LME	16.90	0.46	0.24	8.60	0.01	0.71	27.83	-0.28	0.36	261.07	-0.36	0.40	271.16	0.30	0.36
7R3R2K	17.73	0.77	1.19	8.70	0.06	0.98	28.70	0.02	1.33	285.50	0.12	0.64	304.37	0.83	0.94
8H7BPL	18.46	1.04	0.09	7.43	-0.56	0.07	28.93	0.10	0.04	284.99	0.11	0.00	297.52	0.72	0.00
8WPY24	17.03	0.51	1.12	14.23	2.78X	3.16	36.70	2.80X	2.50	224.67	-1.08	0.63	183.00	-1.12	0.75
99G688	17.59	0.72	2.52	8.31	-0.13	1.86	30.25	0.56	1.39	304.02	0.48	0.48	321.28	1.10	0.76
9ADKK6	17.42	0.65	0.15	6.88	-0.84	0.13	29.23	0.21	0.07	294.27	0.29	0.26	306.75	0.87	0.31
AEJDEZ	15.07	-0.22	0.36	11.80	1.59	1.23	31.27	0.91	0.91	313.00	0.66	1.47	241.33	-0.18	0.79
AJTRWY	16.36	0.26	0.07	7.60	-0.48	0.46	28.90	0.09	0.00	262.47	-0.34	0.11	269.65	0.27	0.29
AR7KAF	15.50	-0.06	0.59	10.83	1.11	1.50	30.33	0.59	0.48	253.83	-0.51	0.26	206.83	-0.73	0.75
B8EY4H	16.42	0.28	0.03	7.60	-0.48		23.50	-1.78		262.00	-0.35		277.00	0.39	
CRHYRA	13.13	-0.93	0.30	9.60	0.50	0.20	28.33	-0.10	0.33	391.00	2.20	0.07	214.33	-0.61	0.16
CTVT8A	13.70	-0.72	2.28	9.62	0.51	2.97	29.32	0.24	0.98	324.33	0.88	0.83	250.00	-0.04	1.57
CXNRL6	14.83	-0.30	0.41	11.27	1.32	0.60	27.50	-0.39	0.98	302.13	0.45	1.56	227.70	-0.40	1.48
DJYCVB	12.40	-1.20	0.12	9.97	0.68	0.23	27.07	-0.54	0.10	280.20	0.01	0.01	199.07	-0.86	0.00
DULEE7	14.16	-0.55	0.69	11.53	1.45	0.81	32.29	1.27	0.37	300.71	0.42	0.15	208.73	-0.70	0.70
EKPX38	15.43	-0.08	0.81	7.40	-0.58	0.73	27.64	-0.34	2.93	319.11	0.78	2.92	340.43	1.41	1.72
ELKG49	14.00	-0.61	1.03	6.50	-1.02	0.68	23.10	-1.92	0.29	225.07	-1.07	1.36	228.20	-0.39	0.78
EUY662	17.82	0.80	0.28	8.58	0.00	0.95	29.59	0.33	0.29	282.95	0.07	0.79	316.94	1.03	1.65
GCV8WQ	14.21	-0.53	0.83	11.70	1.54	0.39	29.97	0.46	0.75	176.00	-2.04	0.07	151.67	-1.62	0.30
HCNKU3	17.10	0.54	0.74	10.57	0.98	1.69	31.80	1.10	1.58	265.45	-0.28	1.09	302.54	0.80	1.62



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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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JYTTM4	12.00	-1.35	0.35	9.90	0.65	0.36	26.47	-0.75	0.85	258.67	-0.41	0.29	222.33	-0.49	0.05
KH6YB6	14.50	-0.43	2.56	10.53	0.96	0.30	30.37	0.60	1.22	298.67	0.38	0.53	234.00	-0.30	1.49
M8FTT2	14.60	-0.39	0.12	6.90	-0.83	0.79	23.63	-1.74	0.38	225.00	-1.08	0.12	241.00	-0.19	0.23
M8FTTR	14.37	-0.48	0.25	6.90	-0.83	0.52	24.23	-1.53	0.91	234.67	-0.88	0.31	231.00	-0.35	0.14
MG4L43	16.47	0.30	0.18	7.80	-0.38	0.39	27.57	-0.37	0.29	279.07	-0.01	0.09	282.07	0.47	0.27
NJPMLV	19.35	1.37	0.23	9.94	0.67	1.51	32.00	1.17	1.55	264.94	-0.29	1.76	283.94	0.50	1.67
NMN28Z	13.47	-0.81	0.65	10.90	1.14	0.59	31.10	0.86	0.80	345.60	1.30	0.67	234.20	-0.29	0.19
NZRPYU	18.49	1.05	0.94	8.33	-0.12	0.61	30.53	0.66	0.94	295.84	0.32	0.77	313.98	0.98	0.72
PRGMDT	16.51	0.32	0.09	7.77	-0.40	0.28	27.82	-0.28	0.13	273.07	-0.13	0.10	286.33	0.54	0.24
PVCELQ	18.01	0.87	0.03	7.76	-0.40	0.01	29.47	0.29	0.17	286.02	0.13	0.04	299.76	0.76	0.00
QUENQV	9.83	-2.15	0.34	9.50	0.45	0.98	26.33	-0.80	1.27	218.33	-1.21	0.53	180.33	-1.16	0.20
R3P8NZ	18.29	0.97	0.95	8.57	0.00	1.35	29.10	0.16	1.71	296.85	0.34	0.51	309.54	0.91	0.13
RQVTPN	17.67	0.75	0.49	8.17	-0.20	0.41	29.37	0.25	0.38	279.53	0.00	0.47	299.20	0.75	0.52
RUV2UY	12.97	-0.99	2.72	9.87	0.63	1.79	28.63	0.00	1.32	327.63	0.95	3.52	252.97	0.01	3.83
TXAWAW	13.39	-0.84	0.19	9.66	0.53	0.15	26.67	-0.68	0.09	281.95	0.05	0.09	192.48	-0.96	0.22
V9L6NZ	15.74	0.03	0.01	9.95	0.67	0.03	28.44	-0.07	0.08	391.78	2.21	0.01	252.24	-0.01	0.12
VL9DNL	17.00	0.50	0.20	8.00	-0.28	0.20	27.77	-0.30	0.21	269.00	-0.21	0.48	291.67	0.63	0.20
VZQ3MN	14.83	-0.30	0.36	6.42	-1.06	0.15	24.88	-1.30	0.23	244.68	-0.69	0.35	250.55	-0.03	0.44
W3BAKQ	15.33	-0.12	0.25	7.47	-0.55	0.30	24.87	-1.31	0.21	254.33	-0.50	0.28	273.67	0.34	0.20
W9FBHY	7.93	-2.86	X 1.81	4.86	-1.83	0.92	15.81	-4.45	X 0.75	93.31	-3.67	X 0.13	115.91	-2.19	1.96
WDCWCM	14.44	-0.45	0.09	9.64	0.52	0.05	29.26	0.22	0.05	288.62	0.18	0.08	217.59	-0.56	0.06
XEL4CU	17.21	0.58	0.02	7.80	-0.38	0.01	27.31	-0.46	0.03	279.19	-0.01	0.00	290.03	0.60	0.01
XWF2EM	11.38	-1.58	2.69	10.83	1.11	1.27	24.47	-1.44	2.12	215.24	-1.27	1.25	226.58	-0.42	1.43
XZYOUQP	12.30	-1.24	0.61	9.90	0.65	0.20	26.73	-0.66	0.24	290.20	0.21	0.15	196.83	-0.89	0.18
YXQ4ZL	18.13	0.92	0.18	8.00	-0.28	0.20	31.47	0.98	0.17	287.33	0.15	0.11	294.30	0.67	0.15
ZD26AG	14.87	-0.29	0.96	10.17	0.78	1.08	29.23	0.21	0.46	216.67	-1.24	1.26	169.37	-1.33	0.58
ZEVRQQ	16.63	0.36	0.10	7.34	-0.61	0.33	26.00	-0.92	0.14	160.72	-2.34	0.06	164.01	-1.42	0.06



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	15.7	8.58	28.6	279.5	252.6
Median Abs Dev	1.7	1.15	1.6	21.2	40.4
Avg Within Lab SD	0.8	0.51	1.2	14.5	12.8
Labs Included	52	53	51	53	52
Labs Reporting	54	54	54	54	54



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7KGTBC	7.80	-2.36		2.92	-1.66		15.60	-2.42		276.00	0.62		312.00	0.65		
CM3NE7	15.00	0.00	1.43	7.00	0.00	1.10	28.00	0.51		253.00	-0.08	0.22	102.00	-1.87	0.41	
FA7LQU	16.23	0.40	0.50	7.80	0.32	0.19	29.27	0.81	0.38							
FYN37X	19.00	1.31	1.43	4.00	-1.22		26.00	0.04	0.93	282.00	0.80	0.95	277.67	0.24	0.24	
Q3RH7X	15.33	0.11	0.83	9.33	0.95	1.68	23.00	-0.67	1.86	241.00	-0.44	1.65	249.33	-0.10	1.91	
UPAWBU	13.67	-0.44	0.55	7.75	0.30	0.73	25.83	0.00	0.48	188.83	-2.03	1.10	166.67	-1.09	0.26	
YBWGVQ	14.67	-0.11	0.83	6.33	-0.27	0.63	24.67	-0.28	0.54	258.33	0.08	0.33	266.33	0.10	1.03	

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	15.0	7.00	25.8	255.7	257.8
Median Abs Dev	1.2	0.80	2.2	17.5	37.0
Avg Within Lab SD	0.7	0.91	1.1	4.6	4.9
Labs Included	7	7	7	6	6
Labs Reporting	7	7	7	6	6



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
247L9D	16.26		0.37	7.23		0.22	29.99		0.45	256.80		1.37	284.50		1.21	
KB6FBV	15.23		1.36	7.50		1.40	26.50		1.34	253.33		0.35	252.33		0.74	
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	15.7			7.36			28.2			255.1			268.4			
Median Abs Dev																
Avg Within Lab SD	1.6			0.57			1.9			7.2			4.1			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
YBWGVQ	14.33		1.00	7.00			24.00			258.67		1.00	261.33		1.00
NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	14.3			7.00			24.0			258.7			261.3		
Median Abs Dev															
Avg Within Lab SD	0.6			0.00			0.0			5.0			4.0		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	9.53	1.99		0.93	-0.03		29.92	0.37		9.30	0.30		18.76	0.62	
43MGP7	6.67	0.01	1.26	0.57	-0.49	2.87	28.37	-0.07	0.78	7.86	-0.69	2.65	17.73	0.39	0.72
47NKDL	7.72	0.74	0.05				30.23	0.46	0.39	9.16	0.20	0.82	18.73	0.62	1.25
4JCNKH	7.93	0.89	0.86	0.90	-0.06	0.21	29.27	0.19	0.44	9.23	0.25	0.38	17.47	0.33	0.39
4PLKPR	5.22	-0.99	0.37	0.49	-0.59	0.17	24.91	-1.03	0.39	5.57	-2.27	0.20	11.83	-0.96	0.48
4VNWLP							28.14	-0.13	2.10	10.25	0.95		18.84	0.64	2.67
6N2LME	7.72	0.74	0.43	1.23	0.36	0.40	27.67	-0.26	0.15	8.63	-0.16	0.32	26.51	2.39	0.04
8H7BPL	15.29	5.99 X	0.03	14.54	17.38 X	0.06	12.41	-4.54 X	0.02	7.43	-0.99	0.05	12.02	-0.91	0.02
8WPY24	6.09	-0.39	0.95	2.86	2.45	1.34	25.00	-1.01	0.97	8.89	0.02	0.46	13.43	-0.59	0.55
9ADKK6	7.43	0.54	0.53	0.35	-0.77	0.00	27.87	-0.21	0.41	6.98	-1.30	0.38	16.14	0.03	0.18
AEJDEZ	6.17	-0.33	0.33	0.43	-0.66	1.14	29.33	0.20	0.59	8.03	-0.57	1.43	20.30	0.98	2.31
AJTRWY	6.43	-0.15	0.04	0.29	-0.84	0.38	28.24	-0.10	0.08	8.02	-0.58	0.18	16.87	0.19	0.09
AR7KAF	6.78	0.09	0.17	0.95	0.00	0.27	26.52	-0.58	0.48	8.15	-0.49	0.29	15.90	-0.03	0.34
B8EY4H	8.13	1.02	0.23	1.40	0.58		31.10	0.70		9.20	0.23		18.60	0.59	
CRHYRA	6.53	-0.08	0.33	1.98	1.32	0.42	29.50	0.25	0.19	10.90	1.40	0.19	12.43	-0.82	0.20
CXNRL6	5.90	-0.52	0.00	1.03	0.11	0.32	26.50	-0.59	0.59	8.87	0.00	0.45	12.37	-0.83	0.31
ELKG49	28.40	15.07 X	3.68	19.10	23.21 X	7.77	53.89	7.08 X	1.50	29.29	14.04 X	4.67	35.11	4.35 X	0.87
EUY662	9.42	1.92	1.22	2.23	1.64	3.64	31.57	0.83	0.79	10.93	1.42	0.93	21.52	1.25	0.76
FA7LQU	6.87	0.15	0.88	1.20	0.32	0.55	37.27	2.43	2.47	8.20	-0.46	0.51	27.43	2.60	2.49
GCV8WQ	6.73	0.06	0.83	0.63	-0.40	0.32	37.57	2.51	0.53	10.37	1.03	0.90	14.30	-0.39	1.11
GU9RTU	6.00	-0.45					32.50	1.09	0.69	8.00	-0.60		20.50	1.02	0.68
JYTTM4	6.15	-0.35	0.76	0.96	0.01	0.27	31.57	0.83	0.11	11.10	1.54	0.89	13.47	-0.58	0.29
KH6YB6	6.65	0.00	2.69	0.58	-0.48	0.60	31.33	0.76	1.88	9.30	0.30	2.81	14.23	-0.41	1.78
MG4L43	7.00	0.24	0.22	2.37	1.81	0.32	28.27	-0.09	0.06	9.23	0.25	0.11	15.30	-0.16	0.10
NMN28Z	5.67	-0.68	0.25	2.20	1.60	1.10	27.10	-0.42	0.42	7.60	-0.87	0.19	13.20	-0.64	0.35
NZRPYU	8.32	1.16	0.59	0.88	-0.08	0.04	29.13	0.15	1.53	9.50	0.44	0.46	17.35	0.30	0.94
PRGMDT	7.43	0.54	0.06	0.73	-0.28	0.11	29.11	0.14	0.09	8.65	-0.15	0.04	17.25	0.28	0.05



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg						
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score					
PVCELQ	15.11	5.86	X	0.02	14.52	17.35	X	0.42	12.54	-4.50	X	0.02	7.65	-0.84	0.01	12.76	-0.74	0.02		
QUENQV	5.60	-0.73		0.58	0.10	-1.09		0.00	27.40	-0.34		0.76	8.37	-0.34	0.30	12.63	-0.77	0.20		
RQVTPN	8.27	1.12		0.83	1.27	0.40		1.58	32.33	1.04		0.96	10.80	1.33	1.01	19.37	0.76	0.89		
RUV2UY	5.63	-0.70		3.17	0.10	-1.09		0.00	32.63	1.13		2.33	9.10	0.16	2.99	14.97	-0.24	2.80		
TXAWAW	3.26	-2.35		0.63	1.85	1.15		0.52	20.58	-2.25		0.38	6.68	-1.51	1.12	9.61	-1.46	0.34		
V9L6NZ	5.55	-0.76		0.12	1.41	0.59		0.05	28.54	-0.02		0.22	14.64	3.97	X	0.40	15.56	-0.11	0.13	
VZQ3MN	6.50	-0.11		0.48	0.78	-0.22		0.03	21.57	-1.97		0.30	7.23	-1.13	0.02	16.24	0.05	0.12		
W3BAKQ	6.30	-0.24		0.44	1.37	0.53		0.84	25.57	-0.85		0.44	7.90	-0.66	0.39	15.13	-0.20	0.20		
WDCWCM	6.25	-0.28		0.08	1.19	0.31		0.27	28.25	-0.10		0.23	8.87	0.00	0.15	12.51	-0.80	0.34		
XEL4CU	15.21	5.93	X	0.09	12.45	14.71	X	0.61	11.19	-4.88	X	0.06	7.62	-0.86	0.08	11.65	-1.00	0.05		
XWF2EM	10.75	2.84		2.66	2.91	2.51		1.16	28.63	0.01		2.55	21.67	8.80	X	3.56	29.35	3.04	X	2.76
XZYUQP	5.54	-0.77		0.65	1.09	0.17		0.64	28.58	-0.01		0.24	9.08	0.15	0.92	13.69	-0.53	0.43		
YBWGVQ	7.88	0.85		0.27	0.89	-0.08		0.23	33.12	1.27		0.86	10.51	1.13	0.70	19.87	0.88	0.50		
YXQ4ZL	6.70	0.03		0.22	0.83	-0.15		0.32	29.43	0.23		0.15	9.20	0.23	0.19	19.57	0.81	0.15		
ZEVRQQ	6.48	-0.12		0.28	0.60	-0.44		0.22	25.00	-1.01		0.22	8.09	-0.53	0.76	16.26	0.05	0.53		
NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg						
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515				
Grand Median		6.65		0.95		28.6		8.87		16.0										
Median Abs Dev		0.78		0.37		1.6		0.83		2.7										
Avg Within Lab SD		0.46		0.18		1.0		0.52		1.0										
Labs Included		37		35		38		39		40										
Labs Reporting		41		39		42		42		42										



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	6.0	-2.19		20.0	-2.06		30.0	-3.02		1.0	-0.55		33.0	-4.58X	
43MGP7	7.5	-1.43	2.18	22.3	-1.58	2.24	53.7	-0.09	2.02	0.7	-0.74	0.53	53.8	-0.04	2.76
4JCNKH	10.5	0.02	0.67	23.2	-1.40	0.04	54.4	0.00	0.10	0.7	-0.73	0.09	58.0	0.86	0.07
72NVAJ	12.3	0.96	0.90	31.3	0.29	0.41	57.7	0.40	0.27	4.3	1.29	1.46	54.3	0.07	0.53
7R3R2K	6.9	-1.76	0.18	23.1	-1.41	0.71	48.3	-0.75	0.59	0.5	-0.83	0.51	51.3	-0.60	0.50
83XJMF	11.6	0.59	0.56	27.9	-0.42	1.01	62.6	1.00	2.20	1.2	-0.46	0.73	59.9	1.29	0.82
8WPY24	10.8	0.21	0.47	24.6	-1.10	0.72	54.5	0.01	0.66	3.2	0.67	0.68	55.2	0.25	0.90
AEJDEZ	11.4	0.51	0.86	33.5	0.75	1.64	63.3	1.10	0.51	0.7	-0.72	0.87	60.0	1.31	1.69
ARNUXA	10.5	0.07	0.43	29.3	-0.14	0.23	52.4	-0.26	0.53	3.4	0.77	0.29	57.8	0.82	0.30
CM3NE7	10.0	-0.20	1.55	36.0	1.26		60.0	0.69	0.47	2.0	0.00		55.3	0.29	0.70
DULEE7	10.0	-0.20	1.55	30.7	0.15	0.41	55.0	0.07	2.43				54.0	0.00	0.46
FA7LQU	8.7	-0.87	0.24	26.3	-0.75	0.64	29.3	-3.10	0.63				50.1	-0.84	0.90
GCV8WQ	11.9	0.76	1.40	29.9	-0.01	0.58	63.5	1.12	0.60	4.4	1.31	2.21	62.7	1.89	1.13
H9P9Y3	10.6	0.10	0.00	30.7	0.15	0.83	58.3	0.48	0.00	0.5	-0.81	0.00	53.3	-0.15	0.37
JYTTM4	16.3	2.92X	1.38	25.7	-0.88	2.39	54.1	-0.04	0.25	8.3	3.50X	0.32	45.0	-1.96	1.66
KB6FBV							29.2	-3.11	0.48				34.2	-4.32X	0.21
KGB96Q	10.4	0.00	0.33	32.8	0.59	0.21	50.7	-0.46	0.20	2.2	0.10	0.03	48.0	-1.30	0.15
KH6YB6	11.8	0.71	0.24	35.1	1.07	0.68	60.7	0.77	1.64	3.4	0.75	0.26	56.7	0.60	1.37
MG4L43	9.8	-0.30	0.00	25.5	-0.93	0.29	46.7	-0.95	0.30	0.2	-0.98	0.15	53.4	-0.12	0.31
MY24TX	8.8	-0.82	0.32	33.5	0.73	0.46	53.5	-0.11	0.36	1.9	-0.07	0.27	47.6	-1.39	0.47
NMN28Z	8.9	-0.74	0.17	29.5	-0.10	0.57	53.6	-0.11	0.43	0.9	-0.62	0.04	54.0	0.00	0.63
PDYUPM	11.1	0.33	0.45	33.8	0.80	0.28	57.8	0.42	0.25	3.7	0.94	0.86	54.2	0.04	0.54
QUENQV	9.7	-0.37	0.90	29.3	-0.12	0.41	55.0	0.07	0.47	2.0	0.00		56.3	0.51	1.06
RUV2UY	6.7	-1.86	2.37	30.0	0.01	2.16	49.3	-0.63	1.89	1.0	-0.55		50.3	-0.80	1.48
TXAWAW	8.4	-1.02	0.07	30.5	0.12	0.50	55.3	0.10	0.56	1.3	-0.39	1.51	50.7	-0.72	0.48
WDCWCM	13.2	1.41	0.55	32.1	0.45	0.20	54.0	-0.05	0.17	3.5	0.83	0.20	52.5	-0.32	0.31
XZYUQP	11.0	0.30		33.0	0.64		54.7	0.03	1.43	2.0	0.00		54.7	0.15	0.53



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
YXQ4ZL	11.0	0.30		33.3	0.71	0.41	59.0	0.56	0.47	5.0	1.66		49.3	-1.02	0.96	
ZD26AG	10.0	-0.20	1.55	28.7	-0.26	1.10	54.0	-0.05	0.94	4.0	1.10	2.53	50.0	-0.87		
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	10.4			29.9			54.4			2.00			54.0			
Median Abs Dev	1.0			3.2			3.4			1.33			2.7			
Avg Within Lab SD	0.6			1.4			2.1			0.40			2.2			
Labs Included	27			28			29			25			27			
Labs Reporting	28			28			29			26			29			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
33TCV7	25.0	3.06		20.0	-0.80		37.0	-1.33		33.0	15.96	X	50.0	0.81			
6BYXUK	6.0	-0.15	2.28	23.7	0.07	2.46	59.8	0.97	3.07	3.7	1.10	2.57	47.1	0.44	2.18		
6WVT86	5.7	-0.20	0.94	29.5	1.42	1.36	57.3	0.72	0.26	0.5	-0.49	0.09	70.2	3.38	X 1.56		
8224BJ	21.8	2.51	0.60	25.8	0.56	0.67	52.4	0.23	0.08	4.0	1.29	0.87	46.0	0.29	0.08		
ANNKUZ	5.3	-0.28	0.23	23.5	0.02	0.28	50.8	0.07	0.27	1.9	0.20	0.30	38.6	-0.65	0.28		
B8EY4H	8.1	0.20	0.34	26.5	0.72		51.0	0.09		1.3	-0.12		49.1	0.69			
E8MAAD	5.4	-0.26	0.52	19.7	-0.87	0.14	42.2	-0.80	0.01	0.2	-0.64	0.03	43.7	0.00	0.24		
E9HTCE	4.4	-0.43	0.10	21.7	-0.41	0.12	48.4	-0.18	0.12	1.9	0.21	0.13	36.2	-0.95	0.04		
EPJUQX	4.8	-0.36	0.14	23.3	-0.02	0.20	48.4	-0.17	0.42	1.0	-0.26	0.19	40.9	-0.36	0.60		
MG4L43	6.8	-0.02	0.00	17.9	-1.30	0.26	32.7	-1.76	0.23	0.2	-0.66	0.00	37.4	-0.80	0.34		
Q2V2U2	7.0	0.02	0.88	27.0	0.84	1.10	56.2	0.61	1.11	0.8	-0.34	0.19	43.4	-0.03	1.15		
QM2CZP													44.9	0.16	2.38		
RMUPX2													60.8	2.18	0.45		
RQVTPN	8.5	0.27	1.63	22.8	-0.15	1.38	55.1	0.50	0.96	5.4	2.00	2.07	47.7	0.51	0.63		
W3BAKQ	8.7	0.31	0.66	20.5	-0.69	0.50	30.9	-1.94	0.09	1.5	0.00	0.27	41.5	-0.28	0.07		
YBJMGC	15.1	1.39	1.48	30.1	1.57	0.18	49.4	-0.07	0.07	4.4	1.47	0.28	28.1	-1.98	0.17		
PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median		6.92		23.4		50.1		1.50		43.7							
Median Abs Dev		1.62		3.0		5.5		0.97		4.0							
Avg Within Lab SD		0.46		1.2		2.1		0.37		1.3							
Labs Included		14		14		14		13		15							
Labs Reporting		14		14		14		14		16							



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	7.47	0.41	1.04	8.75	0.86	1.16	26.66	0.00	0.42	15.76	-0.05	0.36	32.47	0.44	0.19
2ZLUXB	6.47	-0.08	0.08	5.94	-0.26	0.08	28.71	0.51	0.14	17.99	0.95	1.11	32.17	0.38	0.40
43MGP7	7.50	0.42	1.40	7.13	0.21	2.02	26.60	-0.02	0.66	16.13	0.12	0.75	31.13	0.16	0.49
4JCNKH	7.81	0.57	0.29	7.41	0.32	0.45	23.13	-0.89	0.42	15.27	-0.27	0.92	23.87	-1.35	0.42
6BYXUK	6.30	-0.16	0.78	6.03	-0.22	1.06	26.63	-0.01	0.99	13.80	-0.93	1.32	28.50	-0.38	0.47
6WVT86	6.13	-0.25	0.24	9.89	1.31	0.29	26.21	-0.11	0.10	15.75	-0.05	0.45	25.68	-0.97	0.34
7KGTBC	11.00	2.12		7.00	0.16		20.00	-1.68		17.00	0.51		28.00	-0.49	
7R3R2K	4.63	-0.97	0.27	4.13	-0.98	0.49	18.57	-2.04	1.12	12.20	-1.64	0.66	23.23	-1.48	0.49
8224BJ	12.37	2.79	0.84	13.02	2.55	0.08	27.64	0.25	0.17	22.07	2.78X	0.24	29.66	-0.14	0.28
8H7BPL	6.60	-0.02	0.14	6.31	-0.11	0.06	24.85	-0.46	0.07	15.63	-0.11	0.04	29.61	-0.15	0.04
AEJDEZ	6.40	-0.11	0.72	7.37	0.31	1.76	25.83	-0.21	2.65	14.43	-0.64	2.31	28.40	-0.41	1.40
ANNKUZ	6.86	0.11	0.20	6.23	-0.14	0.37	29.68	0.76	0.15	17.26	0.63	0.28	35.21	1.01	0.10
B8EY4H	9.42	1.35		5.05	-0.62		30.95	1.08		18.25	1.07		35.70	1.11	
CM3NE7	8.00	0.67		12.00	2.15	1.60	31.33	1.18	0.40	20.00	1.85		30.33	0.00	0.52
CTVT8A	5.12	-0.74	1.10	4.99	-0.64	1.19	25.43	-0.31	2.18	14.72	-0.52	0.73	27.64	-0.56	1.38
DJ233T	4.67	-0.95	0.33	6.22	-0.15	0.90	19.94	-1.69	0.62	11.45	-1.98	1.28	27.85	-0.52	1.19
DJYCVB	3.20	-1.67	0.01	4.50	-0.83	0.01	21.81	-1.22	0.01	13.10	-1.24	0.01	15.61	-3.06X	0.01
DULEE7	6.00	-0.31		9.00	0.96		28.67	0.50	0.40	16.33	0.21	0.87	29.33	-0.21	2.06
E8MAAD	5.09	-0.75	0.27	4.58	-0.80	0.22	25.33	-0.34	0.09	14.98	-0.40	0.27	27.57	-0.58	0.14
E9HTCE	3.44	-1.55	0.00	2.07	-1.80	0.06	23.71	-0.74	0.08	13.94	-0.86	0.37	23.82	-1.36	0.28
EKPX38	6.33	-0.15	0.98	5.77	-0.33	0.24	23.77	-0.73	0.22	14.67	-0.54	0.97	23.93	-1.33	0.29
ELKG49	6.10	-0.26	2.24	4.79	-0.72	1.18	21.47	-1.31	0.82	12.99	-1.29	1.48	23.07	-1.51	0.97
EPJUQX	6.38	-0.12	0.30	4.72	-0.75	0.13	32.81	1.55	0.40	18.56	1.21	0.70	37.98	1.58	0.07
FA7LQU	7.47	0.41	0.45	6.13	-0.18	0.24	27.03	0.09	0.52	15.63	-0.10	0.91	35.27	1.02	1.09
FWK7MU	6.86	0.11	0.47	6.84	0.10	0.16	25.79	-0.22	0.28	16.37	0.22	0.76	30.37	0.00	0.19
GU9RTU	10.50	1.88	1.26	3.50	-1.23	1.13	32.50	1.47	0.49	14.50	-0.61	1.07	38.50	1.69	0.63
JYTTM4	8.37	0.85	0.44	12.63	2.40	0.49	31.58	1.24	0.44	17.65	0.80	0.19	35.53	1.07	0.59



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
KB6FBV	6.12	-0.25	1.05	4.04	-1.02	1.12				16.93	0.48	0.89			
KH6YB6	4.84	-0.87	1.78	6.67	0.03	2.06	28.27	0.40	0.58	16.33	0.21	0.75	30.67	0.07	0.57
M8FTTR	6.07	-0.27	0.21	5.60	-0.39	0.42	24.70	-0.49	0.83	14.40	-0.66	0.66	27.10	-0.68	0.24
MG4L43	7.03	0.20	0.37	6.13	-0.18	0.24	27.93	0.32	0.64	15.07	-0.36	0.23	34.03	0.76	1.35
NJPMLV	11.22	2.23	3.51	9.77	1.26	2.69	26.49	-0.04	0.76	17.54	0.75	2.13	29.35	-0.21	1.77
NMN28Z	3.79	-1.38	0.20	6.96	0.15	0.18	24.75	-0.48	0.20	13.22	-1.19	1.05	19.08	-2.34	0.71
NZRPYU	5.33	-0.63	0.33	4.92	-0.67	0.24	23.74	-0.74	0.82	12.93	-1.32	0.45	31.27	0.19	2.36
PVCELQ	6.92	0.14	0.00	6.73	0.05	0.00	29.70	0.76	0.01	18.34	1.11	0.05	32.05	0.35	0.02
Q2V2U2	7.41	0.38	1.41	6.59	0.00	0.55	30.27	0.91	0.88	19.43	1.60	0.81	30.71	0.07	1.20
Q3RH7X	9.00	1.15	1.79	8.33	0.69	1.84	24.67	-0.50	1.44	16.00	0.06	2.62	32.00	0.34	2.36
QM2CZP	6.28	-0.17	0.10	5.72	-0.35	0.58	27.91	0.31	1.05	16.50	0.29	0.78			
QUENQV	7.33	0.34	1.03	7.00	0.16		22.67	-1.01	0.40	15.33	-0.24	0.87	24.33	-1.25	0.52
RMUPX2	5.29	-0.65	0.33	3.92	-1.06	0.14	29.01	0.59	0.54	16.21	0.15	0.72			
RQVTPN	12.70	2.95 X	2.63	12.53	2.36	1.29	32.13	1.38	1.04	25.53	4.33 X	3.40	36.77	1.33	1.22
RUV2UY	6.80	0.08	1.79	8.67	0.82	2.01	27.53	0.22	0.81	16.40	0.24	0.92	30.47	0.02	1.71
UPAWBU	5.30	-0.65	0.62	6.40	-0.08	0.42	24.83	-0.46	0.48	15.87	0.00	0.46	29.70	-0.14	0.82
UVXJ7Y	7.00	0.18		9.00	0.96		31.00	1.09		19.67	1.70	0.87	31.33	0.20	0.52
VL9DNL	6.67	0.02	1.03	6.33	-0.10	0.92	26.33	-0.08	0.40	15.00	-0.39		33.00	0.55	0.89
W3BAKQ	8.53	0.92	0.63	8.33	0.69	0.65	27.20	0.13	0.18	16.30	0.19	0.69	31.50	0.24	0.24
W9FBHY	20.29	6.64 X	2.88	23.19	6.60 X	2.93	22.30	-1.10	4.75	33.64	7.97 X	9.38	25.56	-0.99	2.68
WDCWCM	5.33	-0.63	0.29	6.48	-0.05	0.11	24.89	-0.45	0.27	14.75	-0.50	0.40	24.30	-1.26	0.22
XEL4CU	7.11	0.23	0.04	6.72	0.05	0.02	28.07	0.35	0.01	17.12	0.56	0.03	30.95	0.12	0.02
XZYUQP	5.00	-0.79		7.00	0.16		27.33	0.17	0.40	15.00	-0.39		26.67	-0.76	0.52
YBJMGC	9.00	1.15	0.05	10.42	1.52	0.08	34.07	1.86	0.50	19.47	1.62	1.58	34.98	0.96	0.18
YXQ4ZL	8.00	0.67		10.00	1.35		29.33	0.67	0.40	18.00	0.96		31.67	0.27	0.52
ZD26AG	5.67	-0.47	1.03	7.00	0.16		26.67	0.00	0.40	15.67	-0.09	1.75	27.33	-0.63	1.03
ZEVRQQ	8.33	0.83	0.84	5.75	-0.33	1.57	29.14	0.62	0.33	17.13	0.56	0.22	30.73	0.08	0.16



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	6.63	6.59	26.7	15.9	30.4
Median Abs Dev	1.07	0.99	2.0	1.2	2.6
Avg Within Lab SD	0.56	0.63	1.4	0.7	1.1
Labs Included	52	53	53	51	50
Labs Reporting	54	54	53	54	51



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MG4L43	4.93		0.14	4.70		1.00	4.77		1.00	18.00		0.24	1.67		1.00	
UVXJ7Y	7.33		1.41	9.00			7.00			20.67		1.39	2.00			
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	6.13			6.85			5.88			19.3			1.83			
Median Abs Dev																
Avg Within Lab SD	0.41			0.20			0.25			0.4			0.06			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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PO4-P M. Morgan ICP (SubTestCode 1362) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
99G688	15.0			10.7		1.00	8.0			39.0			3.7		1.00		
PO4-P M. Morgan ICP (SubTestCode 1362) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	15.0			10.7			8.00			39.0			3.67				
Median Abs Dev																	
Avg Within Lab SD	0.0			0.6			0.00			0.0			0.58				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
M8FTTR	5.2		0.79	22.0		1.14	45.3		1.39	26.4		0.73	34.6		1.33	
NZRPYU	8.8		1.17	20.9		0.83	43.7		0.24	28.4		1.21	50.3		0.49	
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	7.01			21.5			44.5			27.4			42.5			
Median Abs Dev																
Avg Within Lab SD	0.19			0.9			1.2			0.6			0.7			
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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
FA7LQU	35.5	-0.26	0.38	32.5	-0.63	1.48	87.7	0.94	1.06	52.8	-0.19	0.60	79.3	-0.30	0.78
GCV8WQ	35.6	-0.23	0.30	32.8	-0.60	1.10	77.9	-0.25	0.47	53.8	0.19	0.43	83.3	0.00	0.38
KH6YB6	36.4	-0.07	1.21	37.7	0.00	1.84	80.0	0.00	2.59	55.6	0.85	2.09	91.3	0.58	2.00
MG4L43	30.6	-1.37	0.24	26.6	-1.35	0.11	66.6	-1.63	0.78	38.6	-5.56X	0.97	65.0	-1.33	0.24
NMN28Z	41.7	1.14	0.95	36.7	-0.13	0.46	86.9	0.85	0.12	51.8	-0.60	0.61	89.1	0.42	0.37
RUV2UY	40.0	0.75	2.46	38.0	0.03	1.02	73.0	-0.85	0.35	52.0	-0.50	1.48	70.3	-0.94	1.98
WDCWCM	41.9	1.19	0.33	49.2	1.39	0.21	84.4	0.54	0.17	56.1	1.05	0.08	100.7	1.26	0.09
XZYUQP	41.3	1.06	0.28	49.3	1.41	0.78	86.3	0.78	0.20	57.7	1.63	0.65	89.3	0.44	0.15
YXQ4ZL	36.7	0.00	0.28	42.0	0.52	0.51	78.0	-0.24	0.35	52.3	-0.38	0.32	72.3	-0.80	0.30
PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	36.7			37.7			80.0			53.3			83.3		
Median Abs Dev	3.3			5.0			6.4			1.5			7.9		
Avg Within Lab SD	2.0			2.0			2.8			1.8			3.8		
Labs Included	9			9			9			8			9		
Labs Reporting	9			9			9			9			9		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4A9CNN	4.1	-0.28	0.00	13.6	-0.24	0.00	5.8	-0.81	0.37	56.9	-0.49	0.23	29.7	0.92	0.19
6BYXUK	4.7	0.05	3.33	14.0	-0.16	2.35	5.7	-0.90	3.45	55.7	-0.54	1.92	33.0	1.25	0.70
7KGTBC	7.0	1.39		5.0	-1.72		13.0	2.61		23.0	-1.78		10.0	-0.96	
8WPY24	6.7	1.23	0.62	25.6	1.84	1.03	29.5	10.50X	2.13	34.7	-1.34	1.00	13.5	-0.63	1.26
AR7KAF	3.7	-0.51	0.30	21.9	1.21	0.73	8.3	0.34	0.09	70.0	0.00	0.17	31.2	1.07	1.76
B8EY4H	5.8	0.71		15.0	0.00		9.2	0.79		70.0	0.00		30.4	0.99	
CXNRL6	4.3	-0.18	0.06	16.3	0.23	0.32	7.8	0.14	0.21	51.4	-0.70	0.23	22.1	0.20	0.07
DJ233T	8.7	2.35	1.31	18.8	0.67	0.61	19.7	5.80X	1.08	56.1	-0.53	0.83	28.4	0.80	1.01
DULEE7	5.2	0.36	0.19	23.3	1.43	1.34	9.7	1.05	0.31	59.3	-0.40	0.70	14.6	-0.52	0.16
FA7LQU	4.5	-0.05	0.29	15.4	0.08	0.40	6.1	-0.71	0.25	87.4	0.66	0.47	20.0	0.00	0.19
G3K6BP	4.8	0.10		15.9	0.16	0.00	6.7	-0.39	0.00	77.8	0.30	0.00	29.3	0.89	0.00
GCV8WQ	3.4	-0.65	0.06	14.2	-0.13	1.18	5.7	-0.88	0.14	67.8	-0.08	0.45	18.3	-0.17	0.36
GU9RTU	5.4	0.47	0.00	19.2	0.72	0.06	8.7	0.55	0.97	76.0	0.23	0.98	41.5	2.06	0.30
KH6YB6	4.8	0.12	0.95	13.5	-0.25	0.44	7.3	-0.13	0.98	63.3	-0.25	1.21	20.1	0.01	2.48
M8FTTR	3.5	-0.63	0.38	14.7	-0.05	0.36	6.5	-0.48	0.21	87.0	0.64	0.09	9.9	-0.97	0.55
NMN28Z	3.9	-0.39	0.55	21.5	1.12	0.86	9.3	0.86	0.21	63.2	-0.25	0.98	30.5	1.01	1.41
NZRPYU	4.1	-0.28	0.08	14.9	0.00	0.50	6.5	-0.50	0.05	86.3	0.62	0.32	11.4	-0.83	0.08
Q3RH7X	7.3	1.58	2.74	19.0	0.70	3.21	10.3	1.34	2.09	105.7	1.35	3.58	15.3	-0.45	2.66
QUENQV	6.3	1.01	0.63	25.0	1.73	0.89	7.7	0.06	0.79	100.3	1.15	0.85	10.7	-0.90	0.41
RQVTPN	1.6	-1.72	0.13	12.1	-0.49	0.39	9.7	1.02	1.20	112.0	1.59	0.51	53.3	3.20X	1.08
W9FBHY	7.8	1.87	0.23	25.9	1.88	0.37	16.3	4.20X	1.14	92.2	0.84	0.50	56.9	3.54X	0.80
WDCWCM	3.8	-0.43	0.16	12.0	-0.52	0.32	7.1	-0.21	0.21	59.6	-0.39	0.27	19.5	-0.05	0.19
XWF2EM	10.2	3.23X	0.26	10.8	-0.72	0.90	16.8	4.44X	0.69	14.2	-2.11	0.09	23.4	0.33	0.83
XZYOUQP	4.2	-0.21	0.15	12.8	-0.37	0.13	7.5	0.00	0.03	70.0	0.00	0.10	19.4	-0.06	0.21
YBWGVQ	3.8	-0.44	0.11	13.6	-0.23	0.29	6.1	-0.67	0.18	84.0	0.53	0.55	11.0	-0.87	0.11
ZD26AG	4.9	0.17	0.43	18.1	0.54	0.59	7.8	0.13	0.47	88.7	0.71	0.75	12.5	-0.72	0.06
ZEVRQQ	4.0	-0.35	0.06	9.2	-1.00	0.20	5.6	-0.94	0.07	51.1	-0.71	0.26	22.3	0.22	0.13



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	4.57	15.0	7.54	70.0	20.0
Median Abs Dev	0.76	3.0	1.39	14.3	8.4
Avg Within Lab SD	0.92	1.1	0.73	3.0	1.4
Labs Included	26	27	23	27	25
Labs Reporting	27	27	27	27	27



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	78.7	-0.20	0.28	25.2	-0.65	0.04	183.8	-0.50	0.18	291.1	-0.77	0.05	102.3	0.32	0.42
2ZLUXB	930.3	58.12 X	0.53	315.2	26.16 X	0.65	4,067.1	202.91 X	0.94	1,092.3	25.53 X	1.48	846.3	37.87 X	0.68
33TCV7	78.0	-0.25		27.0	-0.48		177.0	-0.86		272.0	-1.40		96.0	0.00	
43MGP7	92.3	0.73	0.46	38.7	0.60	5.50	198.3	0.26	1.86	310.3	-0.14	2.80	117.7	1.09	1.10
4A9CNN	102.2	1.40	0.99	30.6	-0.14	0.00	222.1	1.51	1.24	337.0	0.73	0.82	124.4	1.43	0.10
4JCNKH	78.8	-0.19	0.66	25.9	-0.58	0.36	178.7	-0.77	0.77	269.7	-1.48	0.06	96.3	0.02	0.46
6BYXUK	83.6	0.14	0.61	27.0	-0.48	0.58	179.3	-0.74	0.34	292.2	-0.74	0.11	94.8	-0.06	1.15
6WVT86	96.0	0.98	1.07	32.2	0.00	0.64	216.4	1.21	1.22	342.4	0.91	0.57	108.4	0.63	0.81
72NVAJ	76.9	-0.33	0.41	50.0	1.64	0.22	202.8	0.49	0.36	318.7	0.13	0.70	84.1	-0.60	0.38
7KGTBC	63.7	-1.23		18.2	-1.29		188.4	-0.26		242.7	-2.36		89.2	-0.34	
7R3R2K	84.0	0.16	0.79	30.7	-0.14	0.50	190.0	-0.17	0.49	300.3	-0.47	0.21	101.7	0.29	0.68
8224BJ	104.0	1.53		41.0	0.81		226.0	1.71	0.70	337.7	0.76	0.57	127.7	1.60	1.56
83XJMF	69.5	-0.83	0.91	39.8	0.70	0.81	200.0	0.35	0.98	321.7	0.23	0.89	82.1	-0.70	0.52
8H7BPL	81.0	-0.05	0.14	22.4	-0.91	0.15	188.7	-0.24	0.08	296.0	-0.61	0.10	102.0	0.30	
8WPY24	78.6	-0.21	1.08	42.8	0.98	0.59	205.2	0.62	0.43	355.3	1.33	1.29	77.0	-0.96	0.75
AEJDEZ	77.3	-0.30	1.92	37.3	0.48	0.95	204.3	0.58	1.54	332.0	0.57	0.27	75.7	-1.03	1.03
ANNKUZ	94.3	0.86		26.4	-0.54	0.00	204.6	0.59	0.00	311.0	-0.12	0.00	91.7	-0.22	0.82
ARNUXA	79.8	-0.13	1.24	49.0	1.56	0.08	187.2	-0.32	0.32	320.3	0.18	0.76	87.9	-0.41	0.63
B8EY4H	68.2	-0.92		25.1	-0.65		179.8	-0.71		264.7	-1.64		84.6	-0.57	
CM3NE7	69.3	-0.84	0.46	45.0	1.18	0.66	189.7	-0.19	0.08	310.7	-0.13	0.06	86.7	-0.47	0.68
CTVT8A	71.0	-0.73	1.50	36.3	0.38	0.44	202.3	0.47	0.16	322.7	0.26	1.15	78.1	-0.90	1.63
DJ233T	102.3	1.41	1.19	34.5	0.22	0.17	227.0	1.76	3.28	216.8	-3.21 X	0.89	75.9	-1.02	0.54
DJYCVB	82.7	0.07	0.01	21.5	-0.99	0.08	176.8	-0.86	0.39	286.4	-0.93	0.63	54.1	-2.11	0.17
DULEE7	77.0	-0.32	0.52	47.7	1.43	1.00	215.3	1.15	0.08	338.7	0.79	1.52	78.3	-0.89	0.56
E8MAAD	92.1	0.71	1.14	31.2	-0.09	0.59	167.2	-1.37	0.50	271.9	-1.41	0.28	91.7	-0.22	0.74
E9HTCE	87.8	0.42	0.34	18.6	-1.25	0.24	190.2	-0.17	0.12	289.2	-0.84	0.13	103.5	0.38	0.12
EKPX38	100.7	1.30	2.36	39.5	0.67	0.29	211.2	0.93	1.32	346.6	1.05	1.53	105.9	0.50	1.45



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ELKG49	79.9	-0.12	0.21	30.0	-0.20	0.54	173.8	-1.02	0.56	270.2	-1.46	0.28	94.0	-0.10	0.96
EPJUQX	82.8	0.08	0.39	22.9	-0.85	0.11	197.4	0.22	0.28	317.0	0.08	0.28	108.5	0.63	0.45
FA7LQU	88.7	0.48	0.55	32.1	0.00	0.49	204.3	0.58	0.13	329.6	0.49	0.24	102.1	0.31	0.21
FWK7MU	88.0	0.43	1.08	31.0	-0.11	1.31	189.3	-0.21	1.09	292.0	-0.74	1.86	98.7	0.13	3.27
GCV8WQ	76.5	-0.35	0.82	44.4	1.13	0.62	186.7	-0.35	0.13	318.4	0.12	0.55	84.2	-0.59	0.89
GU9RTU	128.5	3.21 X	0.21	36.5	0.40	0.23	314.5	6.35 X	0.50	551.5	7.78 X	0.51	172.0	3.84 X	
JYTTM4	57.8	-1.63	1.08	36.4	0.39	0.50	171.3	-1.15	0.72	253.3	-2.01	0.98	70.2	-1.30	0.51
KB6FBV	109.0	1.87	0.90	49.0	1.55	0.40	202.3	0.47	0.85	314.0	-0.02	0.94	119.7	1.19	1.03
KGB96Q	60.8	-1.43	0.27	40.7	0.79	0.21	183.1	-0.53	0.29	301.6	-0.43	0.50	69.1	-1.36	0.13
KH6YB6	70.1	-0.79	0.46	37.2	0.46	0.65	186.5	-0.36	0.29	306.0	-0.28	0.33	75.1	-1.05	1.46
M8FTTR							204.0	0.56	2.76	333.3	0.61	2.97			
MG4L43	98.7	1.16	0.62	29.0	-0.29	1.73	189.7	-0.19	1.67	331.0	0.54	2.11	69.7	-1.33	0.68
MY24TX	66.0	-1.07	0.60	33.6	0.13	0.31	188.7	-0.24	0.08	319.0	0.14	0.10	75.0	-1.06	0.54
NJPMLV	83.7	0.14	0.75	27.0	-0.48	0.33	190.0	-0.17		300.0	-0.48		96.0	0.00	1.08
NMN28Z	74.0	-0.53	0.30	43.0	1.00	0.57	219.7	1.38	0.29	314.7	0.00	0.21	77.0	-0.96	0.47
NZRPYU	92.7	0.76	1.60	29.5	-0.25	0.55	203.1	0.51	1.56	296.4	-0.60	1.68	110.0	0.71	1.50
PDYUPM	77.6	-0.28	0.25	47.9	1.46	0.23	188.4	-0.26	0.48	318.6	0.13	0.41	82.3	-0.69	0.42
PRGMDT	75.9	-0.39	0.11	27.1	-0.47	0.34	173.4	-1.05	0.08	270.7	-1.44	0.92	100.6	0.23	0.30
PVCELQ	76.7	-0.34	0.07	25.0	-0.67	0.09	184.9	-0.44	0.04	288.5	-0.86	0.03	96.3	0.02	0.03
Q2V2U2	82.7	0.07	1.44	28.0	-0.39	0.27	217.7	1.28	0.54	312.6	-0.07	1.71	102.4	0.32	1.08
Q3RH7X	84.7	0.21	1.65	27.7	-0.42	1.05	188.3	-0.26	0.77	300.7	-0.46	1.23	98.0	0.10	0.54
QM2CZP	91.2	0.65	0.25	25.1	-0.66	0.14	203.7	0.54	0.48	326.3	0.38	0.23	112.5	0.83	0.28
QUENQV	74.7	-0.48	0.75	42.3	0.94	0.19	209.0	0.82	0.85	316.7	0.07	0.83	85.7	-0.52	0.31
RMUPX2	102.1	1.40	2.11	19.6	-1.17	1.04	221.9	1.50	2.98	326.6	0.39	1.83	119.0	1.16	0.71
RQVTPN	81.0	-0.05	0.52	26.0	-0.58	0.33	181.0	-0.65	0.73	264.7	-1.64	0.92	96.7	0.03	1.13
RUV2UY	97.0	1.05	2.74	41.0	0.81	0.57	193.3	0.00	1.49	348.0	1.09	1.65	100.0	0.20	3.05
UPAWBU	111.7	2.05	1.21	46.3	1.31	0.68	212.3	1.00	0.35	340.0	0.83	0.21	117.3	1.08	0.31



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
VL9DNL	91.0	0.64		31.3	-0.08	0.82	193.3	0.00	0.43	302.0	-0.42	0.63	105.3	0.47	0.68
W3BAKQ	81.7	0.00	0.33	27.6	-0.42	0.23	183.7	-0.51	0.29	286.0	-0.94	0.45	92.4	-0.18	0.12
W9FBHY	101.5	1.36	0.57	41.6	0.87	0.78	219.8	1.39	0.69	324.5	0.32	0.83	127.0	1.56	1.22
WDCWCM	72.7	-0.62	0.26	38.8	0.61	0.54	187.4	-0.31	0.24	317.9	0.11	0.21	73.0	-1.16	0.13
WMW7XV	97.1	1.06	1.53	38.8	0.62	2.98	233.3	2.09	1.51	359.8	1.48	0.75	117.7	1.09	1.99
XEL4CU	80.5	-0.08	0.09	22.5	-0.90	0.01	190.3	-0.16	0.21	294.3	-0.67	0.26	100.7	0.24	0.16
XJE7HF	101.4	1.35	1.17	37.7	0.51	0.74	213.2	1.04	0.32	340.6	0.85	0.61	122.2	1.32	0.61
XZYUQP	71.7	-0.68	0.96	40.7	0.78	0.50	189.0	-0.23	0.14	312.3	-0.08	0.16	81.7	-0.72	0.16
YBWGVQ	86.4	0.32	1.17	24.0	-0.76	1.27	206.3	0.68	0.77	340.2	0.84	0.30	101.4	0.27	1.32
YXQ4ZL	71.6	-0.69	0.17	44.0	1.09	0.36	220.6	1.43	0.11	332.1	0.57	0.10	79.8	-0.82	0.31
ZD26AG	68.7	-0.89	0.46	39.3	0.66	0.19	199.0	0.30	1.29	332.0	0.57	1.35	77.3	-0.94	0.95
ZEVRQQ	92.2	0.72	0.24	31.0	-0.11	0.79	203.2	0.52	0.18	323.3	0.28	0.18	110.3	0.72	0.48
K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	81.7			32.2			193.3			314.7			96.0		
Median Abs Dev	9.3			6.8			10.3			17.5			12.4		
Avg Within Lab SD	3.3			3.1			7.1			9.7			3.7		
Labs Included	63			64			64			63			63		
Labs Reporting	65			65			66			66			65		



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	2,223.0	0.51	0.21	210.2	-0.19	0.22	3,438.8	0.76	0.16	4,800.3	-0.53	0.24	1,218.0	0.73	0.10
2ZLUXB	23,563.2	52.15 X	2.68	1,511.7	20.96 X	9.47	33,090.6	96.52 X	2.88	790,196.0	644.06 X	144.33	12,479.2	54.83 X	8.21
33TCV7	2,072.0	0.15		192.0	-0.49		3,122.0	-0.26		5,597.0	0.12		1,118.0	0.25	
43MGP7	2,268.3	0.62	4.38	208.3	-0.22	0.43	3,321.0	0.38	3.48	6,114.0	0.55	4.65	1,314.7	1.19	2.85
4A9CNN	2,578.2	1.37	0.35	190.1	-0.52	0.14	3,450.4	0.80	0.29	9,407.7	3.25 X	0.81	1,212.9	0.70	0.18
4JCNKH	2,274.7	0.64	1.15	228.0	0.10	0.74	3,444.7	0.78	0.54	4,226.7	-1.00	0.78	1,269.0	0.97	0.97
6BYXUK	2,021.8	0.02	1.21	182.7	-0.64	1.69	3,073.7	-0.42	0.15	3,853.7	-1.31	0.41	1,030.2	-0.18	0.51
6WVT86	2,427.0	1.00	0.33	189.9	-0.52	0.41	3,365.3	0.52	0.79	5,415.7	-0.03	0.22	1,263.3	0.94	0.30
72NVAJ	1,625.8	-0.93	0.26	307.8	1.39	0.40	3,216.5	0.04	0.25	4,868.1	-0.48	0.42	822.2	-1.18	0.26
7KGTBC	1,234.7	-1.88		268.8	0.76		2,986.0	-0.70		4,328.0	-0.92		1,073.0	0.03	
7R3R2K	1,930.0	-0.20	0.49	165.7	-0.92	0.38	3,165.3	-0.12	0.38	3,947.3	-1.23	0.14	1,023.7	-0.21	0.39
8224BJ	2,389.7	0.91	0.20	240.7	0.30	0.30	3,296.3	0.30	0.11	5,784.7	0.28	0.10	1,204.7	0.66	0.25
83XJMF	1,747.3	-0.64	0.29	309.7	1.42	1.06	3,265.3	0.20	0.81	4,402.7	-0.86	0.28	988.7	-0.38	0.12
8H7BPL	2,284.7	0.66	0.05	126.0	-1.56	0.15	3,194.7	-0.03	0.00	5,836.3	0.32	0.02	1,111.3	0.21	0.08
8WPY24	1,742.3	-0.65	1.22	260.3	0.62	0.57	3,198.3	-0.02	0.68	5,606.7	0.13	0.70	905.8	-0.77	0.49
AEJDEZ	1,943.3	-0.17	0.85	279.3	0.93	0.06	3,480.0	0.89	1.48	5,929.3	0.40	0.59	894.3	-0.83	1.15
ANNKUZ	2,376.3	0.88	0.00	185.8	-0.59	0.16	3,397.9	0.63	0.04	5,973.2	0.43	0.01	1,209.1	0.68	0.11
ARNUXA	1,752.3	-0.63	0.29	316.6	1.54	0.71	3,142.3	-0.20	0.45	4,853.2	-0.49	0.03	959.0	-0.52	0.47
B8EY4H	1,450.6	-1.36		178.4	-0.71		2,925.0	-0.90		5,670.4	0.18		927.7	-0.67	
CM3NE7	1,556.3	-1.10	0.26	222.0	0.00	0.23	2,741.3	-1.49	0.12	5,291.0	-0.13	0.22	925.3	-0.68	0.63
CTVT8A	2,000.0	-0.03	3.21	273.3	0.83	1.64	3,583.3	1.23	0.63	6,260.0	0.67	1.25	968.3	-0.47	1.40
DJ233T	2,012.0	0.00	0.66	220.3	-0.03	0.13	2,727.8	-1.54	4.17	2,267.7	-2.61	0.35	419.9	-3.11 X	0.23
DJYCVB	1,855.7	-0.38	0.05	268.7	0.76	0.47	3,046.7	-0.51	0.33	7,642.0	1.80	0.24	893.7	-0.83	0.55
DULEE7	1,816.4	-0.47	0.73	239.3	0.28	0.77	3,514.4	1.00	0.20	5,931.5	0.40	0.55	839.8	-1.09	0.45
E9HTCE	2,159.9	0.36	0.24	155.5	-1.08	0.23	3,061.3	-0.46	0.56	5,871.3	0.35	0.58	1,132.2	0.31	0.18
EKPX38	2,691.5	1.64	0.43	226.9	0.08	0.65	3,635.3	1.39	1.03	6,343.2	0.74	2.01	1,269.5	0.97	0.67
ELKG49	1,881.8	-0.31	0.28	238.3	0.27	1.46	2,605.5	-1.93	0.43	5,834.5	0.32	0.54	1,054.1	-0.06	2.70



ALP Program - Participant Web Summary Report - Cycle 58 - Fall 2025

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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EPJUQX	1,756.8	-0.62	0.31	158.1	-1.04	0.02	2,289.9	-2.95X	0.43	4,409.8	-0.85	0.16	891.7	-0.84	0.25
FA7LQU	2,112.5	0.24	0.07	234.9	0.21	0.88	3,203.7	0.00	0.11	5,569.4	0.10	0.03	1,113.2	0.22	0.13
FWK7MU	2,307.7	0.72	0.99	225.7	0.06	1.31	2,914.0	-0.94	1.70	5,447.0	0.00	1.47	1,026.7	-0.19	0.63
GCV8WQ	1,818.0	-0.47	1.42	311.0	1.45	0.23	3,164.3	-0.13	0.23	5,619.7	0.14	0.42	885.3	-0.87	0.11
GU9RTU	2,464.0	1.09	0.57	204.0	-0.29	0.28	4,295.0	3.52X	0.95	6,029.0	0.48	0.60	1,552.5	2.33	0.16
JYTTM4	2,095.7	0.20	1.09	243.5	0.35	0.38	3,207.2	0.01	0.24	4,036.8	-1.16	0.54	1,299.0	1.12	0.15
KB6FBV	1,973.3	-0.09	0.95	192.7	-0.48	0.58	3,053.3	-0.49	0.94	3,926.7	-1.25	0.46	1,106.7	0.19	0.80
KH6YB6	1,750.3	-0.63	1.17	268.3	0.75	1.38	3,240.0	0.12	0.58	5,739.7	0.24	0.92	796.7	-1.30	0.79
M8FTTR	2,253.3	0.58	1.02	210.0	-0.20	0.50	3,266.7	0.20	0.88	6,706.7	1.03	2.19	1,183.3	0.56	0.86
MG4L43	2,270.3	0.63	0.73	207.3	-0.24	0.51	3,359.3	0.50	1.03	6,327.7	0.72	0.17	1,233.7	0.80	0.73
MY24TX	1,536.0	-1.15	0.07	237.3	0.25	0.68	2,809.3	-1.27	0.10	4,975.7	-0.39	0.09	850.0	-1.04	0.17
NJPMLV	1,866.7	-0.35	0.69	163.3	-0.95	0.29	2,966.7	-0.77	0.44	4,100.0	-1.11	0.47	943.3	-0.59	0.60
NMN28Z	1,470.0	-1.31	0.21	293.3	1.16	0.29	3,193.3	-0.03	0.16	3,840.0	-1.32	0.12	760.0	-1.47	0.34
NZRPYU	2,482.0	1.14	1.67	194.1	-0.45	0.60	3,333.3	0.42	0.99	5,426.1	-0.02	0.30	1,274.7	1.00	1.07
PDYUPM	1,735.2	-0.67	0.50	291.4	1.13	0.27	3,352.5	0.48	0.43	4,890.0	-0.46	0.35	860.0	-0.99	0.53
PRGMDT	2,156.9	0.35	0.11	179.8	-0.69	0.49	3,010.1	-0.63	0.07	5,117.7	-0.27	0.53	1,095.1	0.14	0.17
PVCELQ	2,095.5	0.20	0.04	160.3	-1.00	0.02	2,929.9	-0.88	0.03	5,320.3	-0.10	0.07	1,069.9	0.01	0.14
Q3RH7X	1,682.7	-0.80	1.33	182.3	-0.64	0.70	2,669.0	-1.73	2.19	3,389.0	-1.69	2.08	973.3	-0.45	2.03
QM2CZP	2,396.1	0.93	0.26	173.2	-0.79	0.22	3,392.3	0.61	0.23				1,163.4	0.46	0.18
QUENQV	1,868.3	-0.35	0.42	274.0	0.85	0.17	3,295.7	0.30	0.22	5,856.7	0.34	0.50	1,028.7	-0.18	0.36
RMUPX2	1,841.5	-0.41	0.33	178.3	-0.71	0.16	3,226.6	0.07	1.82	4,595.2	-0.70	0.93	1,132.2	0.31	0.46
RQVTPN	2,086.7	0.18	0.36	220.0	-0.03	1.00	3,020.0	-0.59	0.76	5,722.3	0.23	0.18	1,126.7	0.29	1.53
RUV2UY	2,139.7	0.31	1.94	336.3	1.86	2.72	3,221.7	0.06	0.47	6,021.7	0.47	0.95	1,265.7	0.96	4.22
UPAWBU	2,091.0	0.19	0.72	131.3	-1.47	5.19	3,330.0	0.41	0.73	4,092.3	-1.11	0.51	981.3	-0.41	0.62
W3BAKQ	1,720.7	-0.70	0.07	227.3	0.09	0.30	2,933.3	-0.87	0.06	3,620.7	-1.50	0.12	963.7	-0.50	0.03
W9FBHY	2,015.0	0.01	0.55	189.5	-0.53	0.17	3,173.2	-0.10	0.46	5,249.5	-0.16	0.76	1,121.3	0.26	0.88
WDCWCM	1,719.0	-0.71	0.48	271.6	0.81	0.10	3,081.3	-0.40	0.53	5,775.3	0.27	0.15	828.2	-1.15	0.13



ALP Program - Participant Web Summary Report - Cycle 58 - Fall 2025

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
WMW7XV	2,654.2	1.55	0.59	188.9	-0.54	0.49	3,822.4	2.00	1.16	8,124.2	2.20	0.81	1,226.5	0.77	0.86
XEL4CU	2,528.3	1.25	0.03	201.3	-0.34	0.08	3,992.3	2.55	0.02	5,979.3	0.44	0.01	1,261.3	0.93	0.05
XJE7HF	2,820.0	1.96	0.41	270.7	0.79	0.41	3,580.0	1.22	0.55	7,300.0	1.52	0.50	1,374.0	1.48	0.19
XZYUQP	1,691.3	-0.78	0.22	291.0	1.12	0.76	2,872.7	-1.07	0.14	6,295.3	0.70	0.21	862.3	-0.98	0.84
YBWGVQ	2,473.3	1.12	1.06	218.8	-0.05	0.27	3,436.7	0.75	0.19	4,900.0	-0.45	0.38	1,216.7	0.72	0.39
YXQ4ZL	1,659.0	-0.85	0.36	309.2	1.42	0.95	3,591.0	1.25	0.25	4,995.4	-0.37	0.08	934.7	-0.64	0.13
ZD26AG	1,680.3	-0.80	0.59	283.0	0.99	0.65	3,150.0	-0.17	0.49	5,677.3	0.19	2.76	905.3	-0.78	1.49
ZEVRQQ	1,900.0	-0.27	0.23	263.1	0.67	0.52	2,803.5	-1.29	0.25	3,511.1	-1.59	0.12	1,063.9	-0.01	0.15
Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	2,012.0			222.0			3,203.7			5,447.0			1,066.9		
Median Abs Dev	261.6			39.7			161.6			574.7			141.9		
Avg Within Lab SD	84.2			19.9			131.6			213.3			58.8		
Labs Included	61			61			59			59			60		
Labs Reporting	62			62			62			61			62		



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	93.6	-0.23	0.44	21.8	-0.05	0.64	259.3	-0.75	0.57	602.6	-0.59	0.26	117.1	0.35	0.09
33TCV7	97.0	-0.02		17.0	-0.60		246.0	-1.27		547.0	-1.10		111.0	0.01	
43MGP7	121.7	1.57	1.54	19.3	-0.33	0.72	316.7	1.47	1.38	777.3	1.01	2.00	154.0	2.45	1.19
4A9CNN	112.6	0.99	0.20	15.3	-0.80	0.03	260.8	-0.69	0.51	793.9	1.17	2.08	112.5	0.09	0.57
4JCNKH	94.5	-0.17	0.41	16.4	-0.67	0.78	263.0	-0.61	1.06	585.3	-0.74	0.17	116.3	0.31	1.08
6BYXUK	106.1	0.57	0.34	21.1	-0.13	0.91	276.4	-0.09	0.35	648.4	-0.17	0.40	113.0	0.12	0.28
6WVT86	116.2	1.22	0.21	19.2	-0.35	0.85	292.8	0.54	0.29	723.7	0.52	0.49	122.2	0.64	0.23
72NVAJ	100.5	0.21	0.49	36.2	1.59	0.88	289.8	0.43	1.17	626.4	-0.37	0.48	110.4	-0.03	0.48
7KGTBC	70.3	-1.73		26.8	0.52		261.3	-0.68		466.8	-1.83		112.2	0.08	
7R3R2K	85.7	-0.74	1.13	10.0	-1.40	0.63	272.0	-0.26	0.28	603.7	-0.58	0.26	104.0	-0.39	0.50
8224BJ	77.4	-1.28	0.40	15.0	-0.83	0.53	193.3	-3.31X	0.63	484.3	-1.67	0.34	89.2	-1.23	0.17
83XJMF	91.6	-0.36	0.82	26.6	0.50	0.19	291.3	0.49	0.83	682.7	0.15	0.31	110.7	-0.01	0.40
8H7BPL	109.2	0.77	0.20	20.6	-0.19	0.23	284.5	0.22	0.09	667.2	0.01	0.04	127.5	0.95	0.14
8WPY24	90.8	-0.41	0.95	19.9	-0.27	2.30	271.0	-0.30	0.35	634.5	-0.29	0.28	101.1	-0.55	0.75
AEJDEZ	95.0	-0.14	1.17	25.0	0.32	1.66	287.3	0.33	1.30	700.7	0.31	0.25	93.3	-0.99	1.26
ANNKUZ	90.1	-0.46	0.05	10.2	-1.38	0.03	243.3	-1.37	0.02	595.7	-0.65	0.04	104.6	-0.35	0.04
ARNUXA	98.6	0.09	0.77	34.4	1.39	0.36	287.2	0.33	0.16	629.3	-0.34	0.80	111.9	0.06	0.59
B8EY4H	76.6	-1.33		17.3	-0.56		243.6	-1.36		547.1	-1.09		103.5	-0.42	
CM3NE7	122.3	1.61	2.12	53.0	3.53X	1.26	259.7	-0.74	1.02	512.0	-1.42	0.18	118.0	0.41	
CTVT8A	93.1	-0.27	2.05	17.9	-0.50	0.88	311.3	1.26	0.93	759.3	0.85	1.19	98.3	-0.71	0.91
DJ233T	117.6	1.31	0.96	29.2	0.80	0.76	281.9	0.12	0.35	428.2	-2.18	0.64	93.7	-0.98	1.22
DJYCVB	92.4	-0.31	0.02	15.2	-0.81	0.31	278.7	0.00	0.47	825.8	1.46	0.21	92.3	-1.05	0.11
DULEE7	88.9	-0.54	0.35	20.9	-0.15	0.87	283.5	0.19	0.45	695.8	0.27	0.17	82.3	-1.62	0.42
E9HTCE	115.2	1.15	0.63	29.7	0.86	0.90	256.0	-0.88	0.07	662.4	-0.04	0.49	127.0	0.92	0.68
EKPX38	118.8	1.39	0.08	15.2	-0.81	0.45	290.4	0.45	0.99	752.0	0.78	2.36	122.2	0.64	0.60
ELKG49	110.2	0.84	0.38	23.5	0.15	0.53	232.6	-1.79	0.40	642.8	-0.22	0.12	110.6	-0.01	0.24
EPJUQX	153.1	3.59X	0.85	18.4	-0.44	0.11	382.8	4.03X	0.24	912.8	2.25	0.32	158.4	2.70X	0.68



ALP Program - Participant Web Summary Report - Cycle 58 - Fall 2025

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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
FA7LQU	108.4	0.72	0.20	23.2	0.10	1.05	278.7	0.00	0.12	666.6	0.00	0.07	119.3	0.48	0.21
FWK7MU	101.0	0.24	0.77	49.7	3.14X	3.16	286.0	0.28	2.26	516.3	-1.38	2.41	164.3	3.04X	1.54
GCV8WQ	97.2	0.00	0.36	31.5	1.06	1.53	279.1	0.01	0.15	699.8	0.30	0.17	100.9	-0.56	0.12
GU9RTU	119.0	1.40	1.36	14.5	-0.89	0.44	363.0	3.26X	0.78	943.0	2.53X	0.71	160.0	2.79X	0.20
JYTTM4	79.0	-1.17	0.88	22.7	0.05	0.94	285.8	0.27	0.23	671.5	0.05	0.92	87.3	-1.34	0.81
KB6FBV	83.1	-0.91	0.52	13.9	-0.96	0.20	235.3	-1.68	0.77	529.3	-1.26	0.76	106.7	-0.24	0.53
KH6YB6	85.4	-0.76	0.58	29.6	0.85	0.92	256.4	-0.86	0.42	672.6	0.06	1.00	91.1	-1.12	0.72
M8FTTR	112.7	0.99	1.66				282.3	0.14	1.34	728.3	0.57	1.83	126.7	0.90	0.80
MG4L43	116.3	1.23	0.91	24.7	0.28	1.58	300.3	0.84	2.08	783.0	1.07	0.50	132.0	1.20	0.77
MY24TX	83.1	-0.91	0.32	25.6	0.39	2.03	250.3	-1.10	0.14	633.7	-0.30	0.07	89.0	-1.24	0.37
NJPMLV	94.3	-0.19	0.22	15.3	-0.79	0.36	256.7	-0.85	0.53	606.7	-0.55	0.26	98.3	-0.71	0.21
NMN28Z	89.7	-0.49	0.22	30.3	0.93	0.96	302.0	0.90	0.09	634.7	-0.29	0.11	87.0	-1.35	0.37
NZRPYU	92.7	-0.29	1.03	29.5	0.83	1.06	203.1	-2.93X	1.02	296.4	-3.39X	0.75	110.0	-0.04	0.77
PDYUPM	95.5	-0.11	0.34	37.1	1.71	0.22	287.0	0.32	0.73	685.6	0.17	0.24	96.4	-0.82	0.35
PRGMDT	99.7	0.16	0.06	14.5	-0.89	0.51	252.6	-1.01	0.03	612.0	-0.50	0.67	111.5	0.04	0.17
PVCELQ	104.8	0.49	0.12	16.2	-0.70	0.14	266.0	-0.49	0.08	645.7	-0.19	0.14	119.8	0.51	0.02
Q3RH7X	95.7	-0.10	1.25	21.7	-0.07	0.96	251.3	-1.06	2.43	567.0	-0.91	1.96	121.3	0.60	0.84
QM2CZP	109.0	0.76	0.85				282.5	0.15	0.81	768.9	0.94	0.69	123.0	0.69	0.56
QUENQV	98.3	0.07	0.29	29.7	0.85	0.36	282.0	0.13	0.28	679.0	0.11	0.33	109.7	-0.07	0.21
RMUPX2	126.9	1.91	0.43	23.6	0.15	1.65	302.6	0.92	2.38	698.7	0.29	0.33	122.8	0.68	0.05
RQVTPN	104.9	0.49	1.35	24.2	0.22	0.00	258.1	-0.80	0.64	627.2	-0.36	0.58	125.0	0.81	0.97
RUV2UY	112.7	0.99	3.68	26.0	0.43	3.50	290.0	0.44	1.69	776.7	1.01	1.41	126.7	0.90	5.17
UPAWBU	92.3	-0.32	0.73	15.3	-0.79	0.72	249.0	-1.15	0.73	595.3	-0.65	0.75	95.0	-0.90	1.41
W3BAKQ	95.4	-0.12	0.11	29.1	0.79	0.35	241.7	-1.43	0.28	519.0	-1.35	0.76	97.1	-0.78	0.05
W9FBHY	99.4	0.14	0.61	15.6	-0.76	0.17	287.3	0.33	0.81	664.0	-0.02	0.36	123.9	0.74	0.28
WDCWCM	92.1	-0.33	0.06	35.1	1.47	0.45	262.3	-0.64	0.35	694.6	0.26	0.39	93.9	-0.96	0.05
WMW7XV	123.7	1.70	0.58	16.4	-0.67	0.61	305.8	1.05	1.28	807.4	1.29	0.52	123.8	0.74	0.81



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
XEL4CU	107.8	0.68	0.15	21.0	-0.14	0.06	275.7	-0.12	0.11	687.3	0.19	0.07	125.7	0.84	0.08	
XJE7HF	150.4	3.42	X 0.48	32.4	1.16	0.00	282.4	0.14	0.17	757.6	0.83	0.06	130.8	1.13	0.00	
XZYUQP	97.0	-0.02	0.39	32.7	1.19	0.72	245.7	-1.28	0.14	719.7	0.49	0.31	93.0	-1.01	0.14	
YBWGVQ	121.6	1.57	3.01	23.4	0.14	1.76	291.7	0.50	3.10	716.6	0.46	4.00	131.6	1.18	2.43	
YXQ4ZL	95.8	-0.09	0.28	33.0	1.23	0.23	318.2	1.53	0.20	704.5	0.35	0.17	106.4	-0.25	0.16	
ZD26AG	94.7	-0.17	0.29	30.0	0.89	1.09	290.7	0.46	1.14	725.3	0.54	0.94	107.3	-0.20	1.79	
ZEVRQQ	106.4	0.59	0.07	44.8	2.58	X 0.22	254.7	-0.93	0.20	556.2	-1.01	0.09	123.0	0.69	0.02	
Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	97.2			22.2			278.7			666.6			110.8			
Median Abs Dev	8.3			6.3			15.7			58.8			12.2			
Avg Within Lab SD	5.2			1.6			10.9			21.8			7.2			
Labs Included	59			56			57			59			58			
Labs Reporting	61			59			61			61			61			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	9.82	0.16	0.44	5.46	-0.30	0.13	12.03	0.09	0.19	30.32	0.38	0.24	22.87	0.82	0.50
33TCV7	8.00	-0.26		5.00	-0.41		11.00	-0.16		24.00	-0.66		19.00	0.09	
43MGP7	6.83	-0.52	0.90	3.90	-0.68	0.74	9.22	-0.59	0.20	26.73	-0.21	0.64	22.23	0.70	1.95
4A9CNN	15.21	1.39	0.06	6.87	0.05	0.02	16.52	1.17	0.23	32.22	0.70	0.05	26.16	1.45	0.05
4JCNKH	8.29	-0.19	0.25	4.89	-0.44	0.09	11.07	-0.14	0.55	25.77	-0.37	0.20	20.77	0.42	0.66
6BYXUK	9.48	0.08	0.37	5.88	-0.19	0.30	11.08	-0.14	0.50	26.15	-0.31	0.18	20.01	0.28	0.47
6WVT86	7.21	-0.44	0.47	3.32	-0.82	0.14	11.55	-0.03	0.24	34.83	1.14	0.34	21.37	0.54	0.33
72NVAJ	9.34	0.05	0.23	8.14	0.36	0.05	13.54	0.45	0.20	28.16	0.03	0.24	16.73	-0.35	0.18
7KGTBC	26.98	4.08 X		22.36	3.87 X		33.53	5.25		45.64	2.93		48.25	5.67 X	
7R3R2K	7.67	-0.33	0.40	6.33	-0.08	0.23	10.33	-0.32	0.35	20.33	-1.27	0.82	16.00	-0.49	0.49
8H7BPL	4.80	-0.99	0.25	7.73	0.26	0.05	0.87	-2.59	0.04	7.10	-3.47	0.11	1.70	-3.21 X	0.09
8WPY24	9.40	0.06	0.28	6.23	-0.10	0.26	12.70	0.25	0.12	25.87	-0.35	0.16	17.60	-0.18	0.72
AEJDEZ	6.27	-0.65	2.67	4.37	-0.56	1.74	9.20	-0.59	1.78	26.37	-0.27	1.53	14.77	-0.72	0.99
ANNKUZ	19.29	2.32	1.96				47.54	8.62 X	0.16	42.31	2.38	0.63	25.73	1.37	0.52
ARNUXA	8.64	-0.11	0.11	7.64	0.24	0.12	11.85	0.04	0.11	28.03	0.00	0.25	17.45	-0.21	0.22
B8EY4H	34.13	5.71 X		7.33	0.16		111.66	24.02 X		55.36	4.55 X		38.19	3.75 X	
CTVT8A	4.83	-0.98	1.30	3.64	-0.74	0.26	9.14	-0.61	1.07	26.03	-0.33	1.02	14.10	-0.85	1.49
DJ233T	27.37	4.16 X	3.78	22.07	3.79 X	0.74	141.53	31.20 X	1.65	7.13	-3.47	0.41	7.03	-2.20	1.15
DJYCVB	61.81	12.02 X	0.78	40.70	8.38 X	1.10	59.88	11.58 X	1.46	61.82	5.62 X	0.62	43.44	4.75 X	0.21
DULEE7	3.22	-1.35	0.34	1.97	-1.15	0.29	8.67	-0.72	0.51	24.71	-0.55	0.78	11.61	-1.32	0.77
E9HTCE	6.62	-0.57	0.11	3.09	-0.88	0.05	7.66	-0.96	0.26	28.39	0.07	0.40	17.89	-0.12	0.27
EKPX38	5.96	-0.72	0.06	10.30	0.90	0.59				26.83	-0.19	0.74	19.90	0.26	0.48
ELKG49	9.94	0.19	0.44	6.12	-0.13	0.28	12.00	0.08	0.24	28.15	0.03	0.52	20.46	0.37	0.10
EPJUQX	4.67	-1.02	0.09	1.91	-1.17	0.04	7.53	-0.99	0.09	25.76	-0.37	0.18	26.92	1.60	0.26
FA7LQU	12.95	0.87	0.32	14.01	1.81	0.49	15.79	0.99	0.27	32.84	0.80	0.35	25.40	1.31	0.81
FWK7MU	6.83	-0.52	0.41	2.05	-1.14	0.08	12.97	0.31	1.56	29.50	0.25	1.50	24.06	1.05	0.57
GCV8WQ	7.43	-0.39	0.76	7.56	0.22	0.45	10.86	-0.19	0.55	28.90	0.15	0.57	18.83	0.05	0.41



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GU9RTU	9.00	-0.03	0.98	35.50	7.10X	0.29	10.00	-0.40		31.50	0.58	1.14	23.50	0.94	0.35
JYTTM4	7.00	-0.48	0.28	6.28	-0.09	0.19	11.18	-0.12	0.44	23.88	-0.68	0.89	15.62	-0.56	0.42
KB6FBV	7.00	-0.48	0.12	4.38	-0.56	0.05	8.59	-0.74	0.29	23.70	-0.71	0.49	17.53	-0.19	0.33
KH6YB6	7.59	-0.35	0.75	6.45	-0.05	0.62	10.80	-0.21	1.24	27.92	-0.01	0.87	15.50	-0.58	1.09
MG4L43	15.00	1.34	1.83	2.00	-1.15	0.40	12.33	0.16	4.94	29.67	0.28	2.54	17.00	-0.30	3.23
NJPMLV	14.33	1.19	4.17	14.67	1.97	6.06	11.67	0.00	0.93	28.00	0.00	1.94	23.00	0.85	3.45
NMN28Z	11.33	0.50	1.06	10.33	0.90	0.62	16.67	1.20	0.70	33.00	0.83	1.08	8.00	-2.01	0.49
NZRPYU	14.80	1.30	0.06	7.03	0.09	0.03	12.74	0.26	0.09	28.31	0.05	0.24	27.90	1.78	0.29
PDYUPM	9.25	0.03	0.10	7.64	0.24	0.08	12.55	0.21	0.16	27.63	-0.06	0.26	16.65	-0.36	0.16
PRGMDT	1.65	-1.71	0.14	1.18	-1.35	0.03	2.90	-2.11	0.40	18.36	-1.60	0.17	15.19	-0.64	0.24
PVCELQ	15.07	1.36	0.04	18.43	2.90	0.06	15.17	0.84	0.09	10.18	-2.96	0.03	17.49	-0.20	0.02
Q3RH7X	10.67	0.35	0.40	8.67	0.49	1.23	11.67	0.00	0.35	28.33	0.06	0.31	19.67	0.21	0.57
QM2CZP	8.96	-0.04	0.72				13.65	0.48	0.64				18.55	0.00	0.45
QUENQV	10.67	0.35	0.40	7.00	0.08	0.40	12.00	0.08	0.61	28.67	0.11	0.82	17.67	-0.17	0.28
RMUPX2	711.17	160.22X	8.68	690.53	168.43X	6.16	1,120.39	266.37X	6.41	1,156.36	187.57X	27.72	1,139.94	213.93X	8.11
RQVTPN	13.80	1.07	1.59	11.77	1.26	0.19	18.40	1.62	1.40	29.13	0.19	0.71	26.07	1.43	2.62
RUV2UY	7.67	-0.33	1.74	3.33	-0.82	0.93	8.33	-0.80	2.13	26.33	-0.28	1.89	14.67	-0.74	1.50
UPAWBU	12.33	0.73	0.40	8.33	0.41	0.23	13.33	0.40	0.35	31.33	0.55	0.82	21.00	0.47	0.49
W3BAKQ	14.77	1.29	0.38	9.64	0.73	0.14	11.53	-0.03	0.15	27.47	-0.09	0.22	21.57	0.58	0.19
W9FBHY	11.62	0.57	1.13	9.10	0.60	0.16	15.94	1.03	0.91	40.70	2.11	3.16	18.22	-0.06	0.65
WDCWCM	8.34	-0.18	0.22	8.42	0.43	0.09	13.61	0.47	0.19	28.12	0.02	0.22	15.28	-0.62	0.11
WMW7XV	16.61	1.71	0.22	1.23	-1.34	0.26	50.27	9.27X	1.27	52.34	4.05X	0.53	25.63	1.35	0.91
XEL4CU	0.05	-2.07	0.00	0.05	-1.63	0.00	0.43	-2.70	0.01	17.03	-1.82	0.08	9.84	-1.66	0.02
XJE7HF	6.13	-0.68	0.92	3.07	-0.88	0.54	9.20	-0.59	0.00	29.13	0.19	0.71	16.87	-0.32	0.65
XZYUQP	10.33	0.28	0.46	8.67	0.49	0.23	11.20	-0.11	0.06	26.90	-0.18	0.05	16.57	-0.38	0.16
YBWGVQ										27.05	-0.16	2.70	21.33	0.53	0.57
YXQ4ZL	9.63	0.12	0.30	7.59	0.23	0.10	13.65	0.48	0.03	28.84	0.14	0.08	17.31	-0.24	0.23



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZD26AG	12.02	0.66	0.76	9.05	0.59	0.58	12.52	0.21	0.47	28.03	0.00	1.08	19.56	0.19	1.01	
ZEVRQQ	10.77	0.38	0.17	7.68	0.25	0.10	13.61	0.47	0.27	27.89	-0.02	0.10	19.93	0.26	0.06	
Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	9.12			6.66			11.7			28.0			18.5			
Median Abs Dev	2.25			2.14			1.8			1.7			2.8			
Avg Within Lab SD	1.45			2.48			1.6			1.9			2.0			
Labs Included	50			48			48			51			51			
Labs Reporting	55			53			54			55			56			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GCV8WQ	66.7		1.65	41.6		1.23	130.5		0.77	233.4		1.33	71.4		0.66
TXAWAW	65.0		0.51	49.6		1.04	136.8		1.52	247.3		1.07	72.8		1.56
WDCWCM	66.8		0.16	47.6		0.64	121.0		0.32	215.2		0.30	77.2		0.37
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	66.7			47.6			130.5			233.4			72.8		
Median Abs Dev															
Avg Within Lab SD	2.7			0.9			3.9			4.5			1.6		
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
DJYCVB	123.7		0.71	109.7		0.61	99.6		0.34	116.0		0.31	79.6		0.28
MG4L43	81.0		1.22	30.7		1.28	107.7		1.37	234.3		1.38	96.3		1.39
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	102.3			70.2			103.6			175.2			88.0		
Median Abs Dev															
Avg Within Lab SD	1.6			2.5			1.1			3.3			1.5		
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
99G688	126.0		0.76	43.3		0.28	267.3		0.65	409.3		0.32	148.7		0.47
UVXJ7Y	76.0		1.19	55.9		1.39	96.4		1.25	224.0		1.38	84.9		1.34
K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	101.0			49.6			181.9			316.7			116.8		
Median Abs Dev															
Avg Within Lab SD	1.3			4.1			1.8			6.5			2.5		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
99G688	4,211.3		1.00	370.3		1.00	4,875.7		1.00	27,653.3		1.00	1,735.3		1.00	
Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	4,211.3			370.3			4,875.7			27,653.3			1,735.3			
Median Abs Dev																
Avg Within Lab SD	18.9			51.5			38.2			98.1			12.1			
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
99G688	200.0		0.71	35.7		0.60	407.7		0.08	470.7		0.01	198.0		0.13	
UVXJ7Y	137.1		1.22	33.0		1.28	331.5		1.41	1,393.3		1.41	153.8		1.41	
Mg Modified Morgan ICP-AES (SubTestCode 1481) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	168.6			34.3			369.6			932.0			175.9			
Median Abs Dev																
Avg Within Lab SD	3.7			3.8			7.1			45.2			7.9			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups														Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
99G688	3.17		1.00	0.37		1.00	0.40		1.00	0.33		1.00	1.67		1.00
Zn Modified Morgan ICP-AES (SubTestCode 1482) in the Bases (1:10) Property Groups														Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	3.17			0.37			0.40			0.33			1.67		
Median Abs Dev															
Avg Within Lab SD	0.06			0.06			0.00			0.06			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

SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
99G688	0.20		1.00				0.10		1.00	0.10		1.00	0.20		1.00

Cu Modified Morgan ICP-AES (SubTestCode 1483) in the Bases (1:10) Property Groups

Data units: mg/kg

SRS2511				SRS2512				SRS2513				SRS2514				SRS2515			
Grand Median	0.20							0.10				0.10				0.20			
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
99G688	10.27		1.00	0.80		1.00	84.57		1.00	16.47		1.00	81.73		1.00	

Mn Modified Morgan ICP-AES (SubTestCode 1484) in the Bases (1:10) Property Groups															Data units: mg/kg
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	10.3			0.80			84.6			16.5			81.7		
Median Abs Dev															
Avg Within Lab SD	0.2			0.00			0.4			0.1			0.4		
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	0.65		1.36	1.30		0.83	1.27		1.36	0.40		0.75	25.93	0.00	1.02	
4A9CNN													29.49	0.31	0.00	
DJ233T													13.19	-1.10	1.78	
MG4L43	1.17		0.38	5.40		1.15	1.20		0.40	0.87		1.20	37.57	1.00	0.87	
VZQ3MN													14.72	-0.97	0.11	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median		0.91		3.35		1.23		0.63		25.9						
Median Abs Dev										11.2						
Avg Within Lab SD		0.61		0.57		0.67		0.32		0.8						
Labs Included		2		2		2		2		5						
Labs Reporting		2		2		2		2		5						



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	25.0	1.66	1.55	26.7	0.27	1.01	32.3	0.11	1.92	5.0	0.22		17.3	0.24	1.29	
AJTRWY	23.2	0.67	0.35	19.7	-1.13	0.24	31.3	-0.11	0.16	3.2	-0.61	0.24	16.3	-0.24	0.41	
DJ233T	20.9	-0.61	0.36	21.8	-0.72	0.22	41.2	1.98	1.05	8.2	1.72	1.64	19.9	1.47	1.39	
JYTM4	21.7	-0.17	1.18	24.0	-0.27	1.91	30.5	-0.28	0.92	2.7	-0.86	1.42	14.5	-1.13	1.11	
VZQ3MN	22.3	0.17	0.54	30.1	0.97	0.59	37.3	1.17	0.45	4.1	-0.22	0.30	17.3	0.24	0.88	
XWF2EM	20.6	-0.77	1.29	28.8	0.70	0.93	29.9	-0.41	0.38	5.4	0.42	0.36	15.3	-0.73	0.46	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	22.0	25.3	31.8	4.53	16.8
Median Abs Dev	1.2	3.5	1.6	1.11	1.0
Avg Within Lab SD	0.6	1.1	1.1	0.41	0.4
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	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	54.3	-0.03	1.62	34.7	0.06	1.76	82.0	-0.01	1.30	113.3	-0.27	1.14	57.0	0.08	0.88	
AJTRWY	62.4	1.15	0.23	28.7	-1.95	0.38	81.4	-0.06	0.13	119.2	0.05	0.09	71.4	1.38	0.21	
DJ233T	66.1	1.70	1.34	31.3	-1.08	0.79	113.4	2.96	1.58	158.9	2.27	1.76	73.9	1.61	2.22	
JYTM4	51.7	-0.43	1.17	34.3	-0.06	1.16	82.2	0.01	1.19	106.3	-0.67	1.25	50.8	-0.48	0.31	
VZQ3MN	54.8	0.03	0.22	36.9	0.81	0.84	90.0	0.75	0.32	131.4	0.74	0.15	51.5	-0.42	0.38	
XWF2EM	49.8	-0.70	0.32	34.8	0.10	0.27	79.3	-0.26	0.50	117.3	-0.05	0.05	55.3	-0.08	0.06	
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	54.6			34.5			82.1			118.2			56.2			
Median Abs Dev	3.8			1.4			1.7			8.4			5.0			
Avg Within Lab SD	1.8			0.7			2.3			5.6			5.0			
Labs Included	6			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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	2,157.3	0.03	1.53	314.3	-0.06	1.08	2,371.3	-0.76	1.40	5,140.7	-0.02	0.17	921.3	0.11	1.79	
AJTRWY	2,480.7	1.88	0.81	226.7	-2.01	0.93	2,392.5	-0.60	0.14	5,174.3	0.02	0.02	1,081.6	1.30	0.47	
DJ233T	2,469.3	1.82	1.28	241.6	-1.68	1.20	2,534.5	0.45	1.53	7,074.5	1.83	2.42	1,182.8	2.05	1.06	
JYTM4	2,109.3	-0.24	0.77	320.0	0.06	1.43	2,571.8	0.72	1.17	4,675.3	-0.46	0.32	862.3	-0.33	1.13	
VZQ3MN	2,146.0	-0.03	0.19	320.6	0.08	0.44	2,618.4	1.07	0.39	6,151.7	0.95	0.15	886.9	-0.15	0.41	
XWF2EM	2,144.6	-0.04	0.85	324.0	0.15	0.53	2,413.4	-0.45	0.39	4,347.8	-0.77	0.05	892.9	-0.11	0.06	
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	2,151.7			317.2			2,474.0			5,157.5			907.1			
Median Abs Dev	24.7			5.2			89.7			645.9			32.5			
Avg Within Lab SD	74.5			14.1			73.2			414.1			42.6			
Labs Included	6			6			6			6			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	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	110.0	-0.51	0.84	26.3	-0.75	0.85	202.3	-1.18	1.23	555.7	1.85	1.98	91.0	-0.13	1.18	
AJTRWY	126.6	0.66	0.10	20.1	-2.26	0.51	201.7	-1.27	0.04	525.1	0.22	0.20	109.2	0.94	0.35	
DJ233T	138.0	1.47	2.23	29.6	0.03	2.02	212.5	0.21	1.85	732.5	11.24X	3.70	128.8	2.09	2.07	
JYTM4	103.2	-0.99	0.55	29.3	-0.03	0.70	215.7	0.64	0.99	508.7	-0.65	0.95	84.7	-0.50	0.25	
VZQ3MN	120.1	0.20	0.07	31.7	0.53	0.38	209.4	-0.21	0.27	508.6	-0.65	0.33	89.0	-0.25	0.35	
XWF2EM	114.3	-0.20	0.02	31.3	0.44	0.55	214.8	0.53	0.20	520.8	0.00	0.20	95.5	0.13	0.06	
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	117.2			29.5			211.0			520.8			93.3			
Median Abs Dev	8.3			2.0			4.3			12.2			6.4			
Avg Within Lab SD	6.2			1.8			8.3			18.3			7.0			
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		
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	39.00	-0.21	1.62	3.67	-0.21	1.87	105.67	-1.01	1.71	4.33	0.71	1.93	102.67	0.26	0.31	
AJTRWY	40.85	0.00	0.91	2.55	-1.65	0.08	108.77	-0.17	0.18	2.53	-0.25	0.27	125.31	1.50	0.48	
DJ233T	33.17	-0.86	0.72	5.03	1.53	1.57	76.75	-8.84	1.00	7.85	2.58	0.59	76.54	-1.17	2.25	
G3K6BP	47.80	0.77	0.00	4.35	0.66	0.00	110.00	0.17		1.30	-0.90	0.00				
JYTTM4	41.50	0.07	1.40	3.83	0.00	0.93	111.17	0.48	1.40	3.00	0.00	1.67	90.67	-0.40	0.06	
VZQ3MN	56.36	1.73	0.44	4.30	0.59	0.24	116.55	1.94	0.25	3.37	0.20	0.07	93.16	-0.26	0.68	
XWF2EM	31.10	-1.09	0.93	3.78	-0.07	0.35	108.33	-0.28	0.09	2.85	-0.08	0.27	106.33	0.46	0.41	
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
Grand Median	40.9			3.83			109.4			3.00			97.9			
Median Abs Dev	6.9			0.46			1.4			0.47			7.8			
Avg Within Lab SD	1.1			0.31			3.3			0.30			5.0			
Labs Included	7			7			6			7			6			
Labs Reporting	7			7			7			7			6			



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JCNKH	11.47	-0.34	1.05	1.03	0.34	1.02	0.93	0.78	1.24	0.10		0.00	2.47	-0.22	1.20	
AJTRWY	13.54	0.76	0.11	0.71	-0.98	0.29	0.83	-0.71	0.43	-0.01		0.43	3.02	1.23	0.48	
DJ233T	13.85	0.93	1.89	0.74	-0.86	0.20	0.84	-0.57	0.12				3.23	1.78	0.57	
JYTTM4	10.38	-0.91	0.80	0.87	-0.34	0.51	0.87	-0.15	1.64	0.05		0.00	2.32	-0.62	1.97	
VZQ3MN	12.74	0.34	0.11	1.08	0.52	0.18	1.00	1.67	0.45				2.51	-0.10	0.32	
XWF2EM	10.63	-0.78	0.81	1.20	1.01	2.13	0.89	0.15	1.18	0.03		1.95	2.59	0.10	0.17	
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	12.1			0.95			0.88			0.038			2.55			
Median Abs Dev	1.5			0.17			0.05						0.16			
Avg Within Lab SD	0.4			0.06			0.05			0.001			0.13			
Labs Included	6			6			6			4			6			
Labs Reporting	6			6			6			4			6			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9ADKK6	0.77	-1.23	0.64	1.39	-1.53	0.32	1.05	-1.52	0.13	1.12	-1.21	1.41	0.71	-1.51	0.00
AEJDEZ	1.07	1.13	0.64	1.61	0.35	0.00	1.22	0.39	0.13	1.34	0.56	0.00	1.02	0.74	1.36
ELKG49	0.83	-0.73	1.20	1.47	-0.82	1.12	1.18	-0.04	1.24	1.02	-2.05	1.49	1.11	1.34	1.20
EUY662	1.10	1.38	2.30	1.63	0.53	2.20	1.22	0.37	2.38	1.33	0.50	0.46	0.99	0.51	1.82
FYN37X	0.94	0.13	0.43	1.42	-1.30	0.56	1.09	-1.09	0.00	1.17	-0.81	0.00	0.88	-0.31	0.22
PRGMDT	0.86	-0.51	0.19	1.61	0.39	1.14	1.25	0.77	0.77	1.26	-0.10	1.58	0.80	-0.83	0.87
XH2W69	0.90	-0.19		1.57	0.00		1.12	-0.74		1.28	0.08		0.87	-0.36	
XWF2EM	1.02	0.76	0.17	1.64	0.59	0.27	1.28	1.16	0.39	1.37	0.77	1.04	0.99	0.47	0.68
XZYUQP	0.93	0.00	0.43	1.50	-0.58	0.32	1.18	0.00	0.13	1.27	0.00	0.00	0.92	0.00	0.39
YXQ4ZL	1.52	4.65X	0.23	2.82	10.80X	0.56	2.15	11.31X	0.35	2.23	7.77X	0.41	1.51	4.21X	0.22
Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	0.93			1.57			1.18			1.27			0.92		
Median Abs Dev	0.09			0.07			0.06			0.07			0.07		
Avg Within Lab SD	0.03			0.02			0.04			0.01			0.03		
Labs Included	9			9			9			9			9		
Labs Reporting	10			10			10			10			10		



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
83XJMF	15.2	-0.61	1.63	30.2	0.21	0.90	49.6	-0.45	0.74	39.9	0.16	1.12	52.0	-0.08	1.51
8WPY24	16.4	-0.32	1.20	29.1	-0.48	0.41	51.7	0.00	2.33	39.5	0.00	0.51	53.9	0.31	2.01
CXNRL6	18.3	0.16	0.18	29.5	-0.21	0.61	46.4	-1.13	0.29	37.1	-0.93	0.38	49.9	-0.50	0.17
FA7LQU	8.4	-2.29	0.93	19.9	-5.92X	0.76	53.8	0.46	0.51	37.2	-0.89	1.99	46.5	-1.22	0.67
H9P9Y3	16.8	-0.21	0.54	29.2	-0.42	1.56	48.5	-0.68	0.51	39.8	0.12	0.78	49.1	-0.68	0.24
NMN28Z	25.6	1.96	0.69	29.4	-0.31	0.52	60.6	1.90	0.45	36.5	-1.17	0.71	62.5	2.11	0.66
QZNVJ6	18.4	0.19	0.18	31.0	0.66	0.50	51.5	-0.03	0.16	40.2	0.29	0.90	52.4	0.00	0.28
XZYUQP	17.7	0.00	0.89	32.7	1.65	1.16	55.0	0.71		35.3	-1.64	0.43	56.3	0.82	0.40
ZD26AG	19.0	0.33	1.55	32.3	1.45	1.53	55.0	0.71	1.10	41.7	0.87	1.13	54.0	0.34	1.20
Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	17.7			29.9			51.7			39.5			52.4		
Median Abs Dev	1.3			0.8			3.2			2.2			2.4		
Avg Within Lab SD	0.6			1.0			1.6			1.3			1.4		
Labs Included	9			8			9			9			9		
Labs Reporting	9			9			9			9			9		



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Mult-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2WQZZA	29.0	2.92	X	36.0	-0.37		76.0	2.32		58.0	4.54	X	75.0	0.94	
33TCV7	14.0	-1.24		32.0	-1.04		54.0	-1.72		35.0	-2.63		57.0	-1.19	
47NKDL	20.3	0.51	0.93	33.7	-0.76	0.84	60.8	-0.47	2.15	42.3	-0.35	1.64	66.8	-0.03	1.35
4JCNKH	13.0	-1.52		37.0	-0.21		54.7	-1.60	2.38	40.7	-0.86	1.49	52.0	-1.78	1.92
4XRR6R	13.7	-1.32	1.17	39.3	0.18	0.20	55.9	-1.37	1.78	43.5	0.01	0.80	47.8	-2.28	0.51
6N2LME	20.7	0.61	0.74	40.5	0.38	0.27	66.1	0.50	0.49	45.3	0.59	0.78	68.6	0.18	0.56
6WVT86	12.7	-1.61	0.77	28.5	-1.64	0.21	64.8	0.26	1.30	45.4	0.62	1.88	56.7	-1.22	1.46
72NVAJ	14.9	-1.00	0.68	41.1	0.49	0.55	66.9	0.65	0.70	46.4	0.92	0.34	75.2	0.96	0.51
8GDKJ7	20.9	0.68	0.22	35.6	-0.44	0.34	62.8	-0.10	0.13	47.2	1.16	0.90	62.2	-0.57	0.55
8WPY24	18.2	-0.09	0.99	32.6	-0.95	1.64	63.5	0.02	0.47	39.9	-1.09	0.09	68.8	0.21	0.05
9ADKK6	19.0	0.13	0.39	40.6	0.40	0.98	64.5	0.22	0.82	39.4	-1.25	0.20	71.3	0.50	0.71
AEJDEZ	16.0	-0.69	0.98	41.2	0.50	2.26	68.9	1.01	1.74	42.5	-0.28	0.59	69.3	0.27	0.80
AJTRWY	20.4	0.53	0.48	29.4	-1.48	0.67	69.1	1.05	1.48	43.3	-0.03	0.44	71.6	0.53	0.26
AR7KAF	16.7	-0.50	0.40	30.0	-1.38	1.11	62.2	-0.22	0.27	29.8	-4.24	X	72.2	0.60	0.41
ARNUXA	15.3	-0.87	0.37	41.0	0.46	0.42	67.4	0.74	0.32	43.6	0.04	0.27	77.3	1.21	0.34
CRHYRA	19.7	0.35	0.21	38.2	0.00	0.04	60.8	-0.48	0.12	42.9	-0.18	0.09	65.0	-0.24	0.53
CXNRL6	20.9	0.67	0.14	33.9	-0.73	0.26	61.9	-0.28	0.24	47.0	1.10	0.17	65.9	-0.14	0.03
DULEE7	19.4	0.26	0.63	32.3	-0.99	1.43	69.5	1.12	0.35	45.3	0.59	0.98	81.0	1.65	0.40
ELKG49	16.2	-0.64	0.69	27.5	-1.80	1.17	59.1	-0.78	0.60	39.2	-1.32	0.75	62.9	-0.49	0.37
EUY662	18.5	0.00	2.51	36.6	-0.27	0.21	66.0	0.48	1.17	44.8	0.42	1.33	70.0	0.35	3.42
FA7LQU	13.9	-1.28	0.10	27.3	-1.83	0.70	62.1	-0.24	0.42	40.2	-1.01	0.23	58.5	-1.01	1.28
FYN37X	21.7	0.88	0.80	38.7	0.07	0.43	62.7	-0.13	0.27	42.0	-0.45	0.59	63.3	-0.44	0.31
GCV8WQ	21.7	0.88	1.61	31.4	-1.14	0.67	57.6	-1.06	0.73	43.6	0.04	0.44	69.0	0.23	0.11
HCNKU3	6.0	-3.47	X	47.9	1.62	0.77	89.8	4.85	X	53.5	3.15	X	77.2	1.20	0.29
JYTTM4	14.2	-1.20	1.06	38.3	0.02	0.85	57.2	-1.14	0.75	40.3	-0.97	0.34	53.8	-1.56	1.23
KGB96Q	17.4	-0.31	0.20	40.5	0.38	0.18	59.3	-0.74	0.33	48.4	1.55	0.30	61.2	-0.69	0.29
KH6YB6	19.7	0.35	0.87	35.7	-0.43	0.43	65.0	0.30	1.16	44.0	0.17	0.57	68.6	0.18	0.24



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Mult-Element Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MY24TX	17.7	-0.23	0.43	39.2	0.16	0.22	66.3	0.54	0.41	43.4	0.00	0.35	61.8	-0.62	0.94	
NLVB2L	21.9	0.96	0.39	47.4	1.53	0.54	79.6	2.98X	0.43	56.9	4.19X	0.22	73.8	0.80	0.12	
NULTFU	21.5	0.83	0.45	38.3	0.01	0.90	54.7	-1.59	0.54	43.1	-0.10	0.68	70.4	0.40	0.37	
NZRPYU	23.6	1.41	2.56	27.6	-1.77	0.48	59.6	-0.69	1.48	39.2	-1.33	0.27	99.5	3.83X	2.76	
PDYUPM	15.8	-0.75	0.35	39.3	0.18	0.29	63.4	0.00	0.31	43.7	0.07	0.35	74.1	0.83	0.16	
PRGMDT	18.2	-0.08	0.30	39.7	0.25	1.18	66.6	0.59	1.57	44.0	0.17	0.65	66.3	-0.09	0.21	
R3P8NZ	16.0	-0.69	2.54	43.4	0.86	2.69	65.4	0.36	1.35	44.0	0.16	4.18	58.1	-1.06	2.43	
RUV2UY	20.0	0.42	1.39	41.3	0.52	2.59	61.0	-0.44	1.86	41.3	-0.65	1.90	67.3	0.03	2.46	
TXAWAW	21.2	0.75	0.90	37.7	-0.08	1.46	60.7	-0.48	0.93	42.5	-0.29	0.53	65.8	-0.15	0.64	
V9L6NZ	14.5	-1.11	0.51	42.4	0.70	0.90	61.0	-0.44	0.23	40.6	-0.88	0.17	54.3	-1.51	0.19	
WDCWCM	20.2	0.48	0.50	38.0	-0.04	0.29	63.8	0.08	0.34	43.9	0.14	0.18	63.7	-0.40	0.78	
WHNKCJ	17.4	-0.29	0.56	32.0	-1.05	0.28	66.5	0.57	0.23	41.5	-0.61	0.21	69.1	0.24	0.50	
WYREJJ	16.0	-0.69		39.0	0.13		61.0	-0.44	0.46	40.3	-0.97	0.34	53.3	-1.62	0.31	
XH2W69	20.2	0.48		34.5	-0.63		66.5	0.57		48.2	1.49		65.2	-0.22		
XJE7HF	17.7	-0.23	0.40	45.3	1.19	0.21	72.0	1.58	0.84	47.2	1.16	0.17	69.0	0.23	0.46	
XZYUQP	21.1	0.73	0.84	39.2	0.16	0.77	66.4	0.55	0.05	42.7	-0.22	0.36	67.8	0.09	0.31	
YXQ4ZL	20.7	0.61	0.14	43.9	0.94	0.94	69.4	1.10	0.33	46.9	1.08	0.49	72.8	0.68	0.35	
ZD26AG	19.0	0.14	1.39	37.0	-0.21	0.74	63.3	-0.01	0.71	45.7	0.70	0.34	66.7	-0.05	0.31	
Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Mult-Element Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median		18.5		38.2		63.4		43.4		67.1						
Median Abs Dev		2.4		2.9		2.9		2.0		4.4						
Avg Within Lab SD		0.7		1.4		2.2		1.7		1.9						
Labs Included		43		45		43		41		44						
Labs Reporting		45		45		45		45		45						



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2WQZZA	81.0	0.27		35.0	-0.99		202.0	-0.18		318.0	-0.62		92.0	0.36	
33TCV7	79.0	0.06		41.0	-0.05		205.0	0.00		364.0	1.08		88.0	0.11	
47NKDL	79.9	0.16	0.88	40.4	-0.15	1.44	198.0	-0.42	0.48	325.0	-0.36	0.30	87.9	0.11	1.98
4JCNKH	88.3	1.04	1.02	47.0	0.88	1.14	211.7	0.40	1.80	358.0	0.86	2.36	117.3	1.95	2.75
4XRR6R	79.8	0.15	1.42	53.2	1.86	3.49	231.0	1.54	3.99	381.2	1.72	1.60	92.0	0.36	1.98
6N2LME	74.8	-0.37	0.27	48.9	1.17	0.44	221.4	0.97	0.29	355.0	0.75	0.65	85.0	-0.07	0.53
6WVT86	82.5	0.43	1.54	21.0	-3.17X	0.25	226.3	1.26	1.06	316.8	-0.66	0.76	129.5	2.71	1.98
72NVAJ	73.1	-0.55	0.77	34.7	-1.04	0.58	201.3	-0.22	0.44	354.7	0.73	0.52	78.1	-0.51	0.34
8GDKJ7	85.3	0.73	0.27	36.7	-0.72	0.33	217.3	0.73	0.23	390.7	2.07	0.69	93.1	0.43	1.46
8WPY24	67.3	-1.16	1.90	43.8	0.39	0.88	163.6	-2.45	0.82	257.3	-2.86X	2.81	76.2	-0.62	0.54
9ADKK6	76.6	-0.19	0.31	40.9	-0.07	0.65	211.3	0.37	0.37	341.6	0.25	0.68	81.5	-0.29	0.28
AEJDEZ	77.7	-0.08	3.03	39.0	-0.36	2.06	206.3	0.08	0.61	351.7	0.62	0.17	87.7	0.09	1.13
AJTRWY	95.9	1.82	0.10	32.2	-1.42	0.41	193.4	-0.69	0.41	319.6	-0.56	0.29	109.2	1.44	0.04
AR7KAF	76.2	-0.23	0.39	41.3	0.00	0.16	194.0	-0.65	0.24	280.2	-2.02	1.21	79.2	-0.44	0.61
ARNUXA	75.7	-0.28	0.33	36.0	-0.83	0.87	205.2	0.01	0.33	347.6	0.47	0.66	78.7	-0.47	0.71
CRHYRA	75.5	-0.31	0.12	41.7	0.05	0.24	196.2	-0.52	0.10	323.3	-0.42	0.17	80.0	-0.39	0.32
CXNRL6	73.0	-0.56	0.20	40.3	-0.16	0.11	211.1	0.36	0.23	347.9	0.48	0.06	82.4	-0.24	0.34
DULEE7	92.8	1.50	0.48	30.3	-1.72	1.07	205.3	0.02	0.47	324.9	-0.36	1.12	114.4	1.76	0.19
ELKG49	88.8	1.09	0.26	33.3	-1.25	1.04	193.1	-0.71	0.59	300.2	-1.28	0.35	104.4	1.14	1.27
EUY662	89.2	1.13	1.72	38.1	-0.50	0.13	204.8	-0.01	2.12	348.9	0.52	3.13	83.8	-0.15	0.06
FYN37X	84.0	0.59	0.67	41.3	0.00	0.87	202.7	-0.14	0.08	339.3	0.17	0.46	90.7	0.28	0.19
GCV8WQ	77.8	-0.06	0.13	41.7	0.06	0.54	196.4	-0.51	0.27	326.0	-0.32	0.34	88.6	0.15	0.78
H9P9Y3	73.2	-0.55	1.26	45.2	0.60	0.69	197.0	-0.47	0.26	331.7	-0.12	0.35	76.5	-0.61	0.58
JYTTM4	79.0	0.06	0.73	46.8	0.86	0.66	208.5	0.21	1.22	332.5	-0.08	0.60	82.7	-0.22	0.49
KGB96Q	72.6	-0.61	0.13	43.9	0.39	0.33	206.1	0.06	0.13	336.9	0.08	0.14	73.2	-0.82	0.11
MY24TX	76.9	-0.16	0.43	37.8	-0.56	0.31	191.7	-0.79	0.33	324.3	-0.39	0.36	75.2	-0.69	0.90
NLVB2L	103.2	2.59	0.75	47.2	0.92	0.15	245.9	2.42	0.08	419.6	3.13X	0.33	129.4	2.70	0.76



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NULTFU	75.7	-0.29	0.36	62.8	3.34X	0.87	163.7	-2.45	0.31	310.6	-0.90	0.49	86.2	0.00	0.56
NZRPYU	102.4	2.51	1.19	28.6	-1.99	0.29	197.7	-0.44	2.00	323.0	-0.44	1.81	114.4	1.77	1.53
PDYUPM	77.1	-0.13	0.09	36.4	-0.77	0.55	201.5	-0.21	0.28	349.7	0.55	0.08	80.6	-0.35	1.06
PRGMDT	72.9	-0.58	0.39	45.0	0.58	0.89	208.1	0.19	0.91	326.5	-0.31	0.74	75.5	-0.67	0.78
QZNJV6	65.1	-1.39	0.62	32.4	-1.39	0.53	186.4	-1.10	0.18	315.6	-0.71	0.24	66.7	-1.22	0.31
R3P8NZ	85.6	0.75	2.33	48.1	1.05	1.92	214.4	0.56	1.52	359.2	0.90	2.11	87.5	0.08	1.08
TXAWAW	120.0	4.35X	0.79	70.9	4.61X	1.24	247.4	2.51	0.92	425.1	3.34X	0.68	123.1	2.31	1.04
V9L6NZ	85.4	0.73	0.51	43.9	0.39	0.50	221.4	0.98	0.13	357.0	0.82	0.17	92.9	0.42	0.46
WDCWCM	75.2	-0.33	0.19	46.1	0.75	0.57	189.5	-0.92	0.56	286.6	-1.78	0.41	82.7	-0.22	0.33
WHNKCJ	99.5	2.21	0.39	35.5	-0.90	0.28	208.8	0.22	0.11	331.3	-0.13	0.12	115.9	1.86	0.08
WYREJJ	85.7	0.76	0.70	42.0	0.10	0.57	199.7	-0.32	0.75	338.7	0.14	0.17	85.7	-0.03	0.75
XH2W69	72.3	-0.64		41.1	-0.04		206.0	0.06		358.0	0.86		87.9	0.11	
XJE7HF	80.3	0.20	1.59	45.3	0.62	1.57	226.0	1.25	0.86	380.7	1.70	1.11	91.3	0.32	1.37
XZYUQP	74.7	-0.39	1.07	42.7	0.21	0.87	197.0	-0.47	0.13	325.3	-0.35	0.17	85.0	-0.08	
YXQ4ZL	79.8	0.14	0.15	47.6	0.98	0.36	214.0	0.53	0.18	343.7	0.33	0.18	83.3	-0.18	0.50
ZD26AG	73.0	-0.56	0.33	42.7	0.21	0.66	195.0	-0.59	0.92	332.7	-0.08	1.51	82.0	-0.26	0.65
Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	78.4			41.3			205.0			334.8			86.2		
Median Abs Dev	5.3			3.9			8.0			14.5			5.8		
Avg Within Lab SD	3.0			1.8			7.6			8.8			3.1		
Labs Included	42			40			43			40			43		
Labs Reporting	43			43			43			43			43		



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2WQZZA	2,129.0	-0.01		304.0	-0.42		3,253.0	-0.55		8,653.0	0.27		1,080.0	0.52	
33TCV7	2,044.0	-0.30		312.0	-0.26		3,303.0	-0.35		8,306.0	-0.06		999.0	0.01	
47NKDL	2,130.3	0.00	1.33	308.0	-0.34	0.22	3,319.0	-0.28	1.14	8,321.0	-0.04	0.90	1,034.3	0.24	0.54
4JCNKH	2,366.7	0.80	1.85	318.0	-0.14	0.79	3,283.3	-0.42	1.67	7,532.3	-0.80	1.02	1,108.7	0.70	1.30
4XRR6R	1,828.5	-1.03	0.45	289.5	-0.71	0.08	3,304.1	-0.34	0.99	7,076.4	-1.24	0.27	939.0	-0.36	0.03
6N2LME	1,934.6	-0.67	0.47	379.6	1.10	0.33	3,682.0	1.17	0.56	8,971.3	0.58	0.62	926.9	-0.44	0.25
6WVT86	2,123.3	-0.03	1.31	223.7	-2.03	0.72	3,075.0	-1.26	3.11	7,023.3	-1.29	0.72	1,178.7	1.14	1.80
72NVAJ	2,086.9	-0.15	0.28	341.4	0.33	0.52	3,509.7	0.48	0.16	7,780.6	-0.57	0.13	989.5	-0.04	0.69
8WPY24	2,109.3	-0.07	1.45	299.9	-0.50	1.48	3,061.7	-1.31	0.61	6,338.3	-1.95	1.30	826.5	-1.07	1.71
9ADKK6	2,495.5	1.24	0.73	361.8	0.74	0.90	4,292.9	3.61X	0.72	10,693.0	2.24	0.37	965.9	-0.19	0.32
AEJDEZ	2,264.7	0.45	3.01	338.0	0.26	1.64	3,639.0	1.00	0.88	8,811.3	0.43	0.54	1,049.0	0.33	0.56
AJTRWY	2,410.0	0.95	0.34	224.2	-2.02	0.25	3,204.9	-0.74	0.23	8,051.2	-0.30	0.22	1,191.4	1.22	0.23
AR7KAF	1,967.2	-0.56	1.03	300.0	-0.50	0.42	3,173.5	-0.86	0.21	7,852.0	-0.50	0.87	874.0	-0.77	0.50
ARNUXA	2,251.1	0.41	0.51	348.4	0.47	0.10	3,543.0	0.61	0.18	7,841.3	-0.51	0.01	1,050.4	0.34	0.66
CRHYRA	2,134.3	0.01	0.05	340.0	0.30	0.06	3,390.3	0.00	0.03	7,964.7	-0.39	0.02	913.7	-0.52	0.03
CXNRL6	1,888.1	-0.83	0.10	299.8	-0.50	0.23	3,569.1	0.72	0.26	9,098.3	0.70	0.12	934.9	-0.39	0.07
DULEE7	2,544.1	1.40	0.40	225.7	-1.99	0.87	3,438.6	0.20	0.41	9,120.5	0.73	4.55	1,235.0	1.50	0.14
ELKG49	2,352.3	0.75	0.45	297.9	-0.54	2.29	3,256.9	-0.53	0.79	7,293.2	-1.03	0.62	1,317.7	2.02	4.16
EUY662	2,405.0	0.93	1.66	330.3	0.11	0.96	3,672.5	1.13	0.86	9,462.5	1.05	0.90	1,094.1	0.61	1.12
FYN37X	2,311.0	0.61	0.73	345.3	0.41	3.60	3,474.7	0.34	0.46	8,533.7	0.16	1.28	1,071.0	0.47	0.62
GCV8WQ	2,029.3	-0.35	0.34	287.3	-0.75	0.57	3,374.3	-0.06	0.16	8,752.3	0.37	0.40	963.7	-0.21	0.40
H9P9Y3	1,893.7	-0.81	0.33	315.0	-0.20	0.63	3,318.3	-0.28	0.24	8,905.0	0.52	0.07	878.7	-0.74	0.71
HCNKU3	2,738.1	2.07	0.76	338.0	0.26	1.32	3,492.9	0.41	0.14	7,016.7	-1.30	0.43	1,404.0	2.56	0.73
JYTTM4	2,065.8	-0.22	1.45	362.8	0.76	0.25	3,494.5	0.42	1.37	7,537.3	-0.80	0.40	955.0	-0.26	1.38
MY24TX	1,855.0	-0.94	0.56	275.3	-0.99	0.75	3,060.3	-1.32	0.45	7,499.7	-0.84	0.32	789.7	-1.30	0.29
NLVB2L	2,772.8	2.18	0.72	351.7	0.54	0.48	4,166.1	3.11X	0.28	10,123.8	1.69	0.24	1,307.1	1.95	0.37
NULTFU	1,951.1	-0.61	0.49	360.7	0.72	0.19	2,874.8	-2.06	0.36	7,651.3	-0.69	0.56	948.1	-0.30	0.13



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NZRPYU	2,624.7	1.68	0.60	217.6	-2.15	0.59	3,334.0	-0.22	2.81	7,965.2	-0.39	2.29	1,266.5	1.69	0.57	
PDYUPM	2,091.9	-0.13	0.71	312.7	-0.24	0.23	3,495.0	0.42	0.18	8,303.3	-0.06	0.22	949.6	-0.30	0.49	
PRGMDT	1,916.4	-0.73	0.17	313.9	-0.22	1.22	3,430.2	0.16	0.97	9,210.6	0.81	0.31	851.6	-0.91	0.50	
R3P8NZ	2,292.0	0.55	2.21	334.3	0.19	1.00	3,438.0	0.19	0.51	8,494.3	0.12	0.57	925.3	-0.45	0.90	
TXAWAW	2,019.4	-0.38	0.39	350.1	0.51	0.34	3,517.7	0.51	1.33	8,739.8	0.36	0.34	965.1	-0.20	1.02	
V9L6NZ	2,351.3	0.75	0.43	338.1	0.27	0.11	3,678.1	1.15	0.16	7,869.3	-0.48	0.08	1,048.4	0.32	0.11	
WDCWCM	1,984.7	-0.50	0.33	332.0	0.14	0.23	3,198.3	-0.76	0.42	8,328.3	-0.04	0.22	949.5	-0.30	0.18	
WHNKCJ	2,536.5	1.38	0.05	238.0	-1.74	0.18	3,294.7	-0.38	0.02	8,624.7	0.25	0.00	1,196.2	1.25	0.07	
WYREJJ	2,358.3	0.77	0.34	319.3	-0.11	0.07	3,388.7	0.00	1.30	8,514.3	0.14	0.32	1,005.7	0.06	0.62	
XH2W69	2,295.0	0.56		381.0	1.13		3,656.0	1.07		10,402.0	1.96		1,071.0	0.47		
XJE7HF	2,263.3	0.45	0.83	376.0	1.03	1.42	3,943.3	2.22	0.51	9,115.7	0.72	0.32	1,109.2	0.71	0.85	
YXQ4ZL	2,132.2	0.00	0.21	368.6	0.88	0.52	3,704.5	1.26	0.34	8,936.3	0.55	0.73	994.3	-0.01	0.28	
ZD26AG	1,922.3	-0.71	1.32	348.7	0.48	0.86	3,286.3	-0.41	1.16	8,406.7	0.04	0.23	980.7	-0.10	0.98	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	2,131.3	324.8	3,389.5	8,367.5	996.6
Median Abs Dev	180.0	24.9	124.2	553.2	72.8
Avg Within Lab SD	65.6	15.8	89.0	235.4	47.7
Labs Included	40	40	38	40	40
Labs Reporting	40	40	40	40	40



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2WQZZA	150.0	1.75		50.0	1.74		280.0	-0.50		742.0	-1.32		142.0	2.01	
33TCV7	110.0	-0.66		28.0	-0.92		288.0	-0.17		858.0	0.05		106.0	-0.31	
47NKDL	114.7	-0.38	1.15	35.5	-0.01	1.83	286.3	-0.24	1.87	826.7	-0.32	1.35	113.7	0.18	1.52
4JCNKH	122.7	0.10	1.97	27.7	-0.97	1.08	276.3	-0.65	1.25	862.7	0.11	1.35	113.7	0.18	2.11
4XRR6R	105.2	-0.95	1.03	35.8	0.02	2.78	315.2	0.96	2.08	822.5	-0.37	2.21	105.3	-0.35	1.39
6N2LME	102.2	-1.13	0.35	39.9	0.51	0.23	292.1	0.00	0.39	854.2	0.01	0.61	97.4	-0.87	0.39
6WVT86	132.3	0.68	0.55	23.0	-1.53	0.32	299.1	0.29	0.55	835.7	-0.21	0.47	141.7	1.99	2.44
72NVAJ	120.1	-0.05	0.36	38.9	0.39	0.52	318.6	1.10	0.34	920.7	0.80	0.27	114.7	0.25	0.43
8WPY24	132.1	0.67	0.40	60.6	3.03X	0.52	247.1	-1.86	0.23	704.6	-1.77	1.74	110.7	-0.01	1.87
9ADKK6	110.5	-0.63	0.35	30.1	-0.68	0.81	312.3	0.84	0.30	927.9	0.88	0.52	97.2	-0.88	0.30
AEJDEZ	98.7	-1.34	3.33	34.7	-0.12	1.67	301.0	0.37	0.70	873.7	0.24	0.27	105.0	-0.38	1.16
AJTRWY	132.7	0.71	0.17	22.6	-1.58	0.19	273.8	-0.75	0.14	796.9	-0.67	0.28	129.9	1.22	0.09
AR7KAF	94.2	-1.61	1.08	20.9	-1.79	0.43	281.2	-0.45	0.36	728.7	-1.48	0.90	93.2	-1.14	0.19
ARNUXA	129.8	0.53	0.46	38.6	0.36	0.46	318.7	1.10	0.20	880.4	0.32	0.58	108.7	-0.14	0.34
CRHYRA	135.7	0.89	0.35	40.2	0.55	0.54	322.7	1.27	0.15	746.0	-1.28	0.07	120.0	0.59	0.25
CXNRL6	110.3	-0.64	0.17	35.3	-0.04	0.17	305.8	0.57	0.01	881.4	0.33	0.03	106.8	-0.26	0.12
DULEE7	132.9	0.72	0.52	20.6	-1.82	0.83	284.0	-0.34	2.64	860.1	0.08	3.59	132.9	1.42	0.20
ELKG49	125.3	0.26	0.52	26.7	-1.08	0.50	264.3	-1.15	0.49	730.5	-1.46	0.11	125.7	0.95	0.49
EUY662	129.6	0.52	1.36	32.8	-0.35	1.49	328.5	1.51	2.08	976.2	1.45	1.04	123.5	0.82	1.83
FYN37X	125.0	0.24	0.60	38.0	0.29	1.38	293.7	0.07	0.29	833.7	-0.24	0.50	113.3	0.16	0.89
GCV8WQ	113.3	-0.46	0.35	30.0	-0.68	0.52	286.3	-0.24	0.21	889.3	0.42	0.25	109.0	-0.12	0.50
H9P9Y3	104.8	-0.97	1.03	42.4	0.82	0.87	285.0	-0.29	1.09	871.7	0.21	0.66	92.9	-1.15	0.70
HCNKU3	137.6	1.00	1.06	36.8	0.15	1.40	285.3	-0.28	0.13	770.6	-0.98	0.19	132.5	1.39	0.53
JYTTM4	116.5	-0.27	0.40	39.2	0.43	1.67	311.2	0.79	1.02	849.7	-0.05	0.15	105.8	-0.32	1.28
MY24TX	117.0	-0.24	1.27	37.0	0.17	1.47	270.3	-0.90	0.51	788.0	-0.78	0.12	101.8	-0.58	0.85
NLVB2L	150.3	1.77	0.45	35.6	0.00	0.21	364.2	2.98X	0.19	1,055.4	2.39	0.19	141.3	1.96	0.33
NULTFU	112.4	-0.52	0.17	47.2	1.40	0.55	250.1	-1.74	0.13	824.4	-0.35	0.16	111.0	0.01	0.17



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
NZRPYU	146.4	1.53	0.72	22.3	-1.62	0.21	288.5	-0.15	2.39	836.5	-0.20	1.63	140.5	1.91	0.30		
PDYUPM	122.8	0.11	0.81	37.5	0.23	0.18	303.7	0.48	0.61	911.6	0.69	0.44	98.2	-0.82	1.04		
PRGMDT	99.4	-1.30	0.18	28.1	-0.92	0.78	297.6	0.23	0.75	847.9	-0.07	0.56	89.8	-1.35	0.72		
R3P8NZ	122.0	0.06	2.42	34.7	-0.12	0.60	302.0	0.41	1.12	953.7	1.19	1.78	99.3	-0.74	0.63		
TXAWAW	114.7	-0.38	1.02	37.9	0.28	0.91	320.2	1.16	0.56	947.8	1.12	0.29	108.3	-0.17	0.82		
V9L6NZ	130.6	0.58	0.22	36.5	0.11	0.38	327.5	1.47	0.19	853.0	-0.01	0.05	115.5	0.30	0.16		
WDCWCM	117.9	-0.19	0.10	39.1	0.42	0.56	289.4	-0.11	0.22	834.9	-0.22	0.04	110.7	-0.01	0.16		
WHNKCJ	140.2	1.16	0.21	25.4	-1.24	0.29	288.6	-0.14	0.14	840.5	-0.16	0.03	125.9	0.97	0.24		
WYREJJ	129.3	0.50	1.03	31.7	-0.48	0.30	292.0	0.00	0.27	896.0	0.50	0.54	113.0	0.14	0.91		
XH2W69	113.0	-0.48		27.8	-0.95		313.8	0.90		1,013.0	1.89		106.0	-0.31			
XJE7HF	119.2	-0.11	0.58	37.0	0.17	0.69	326.3	1.42	0.43	976.0	1.45	0.42	116.3	0.35	1.45		
YXQ4ZL	121.8	0.05	0.61	42.5	0.83	0.15	323.5	1.30	0.09	925.2	0.85	0.41	114.7	0.25	0.42		
ZD26AG	106.7	-0.86	0.48	40.3	0.57	1.67	288.7	-0.14	1.56	849.0	-0.05	1.12	110.7	-0.01	1.72		

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	120.9	35.6	292.1	853.6	110.9
Median Abs Dev	10.1	4.2	12.1	33.4	5.7
Avg Within Lab SD	4.4	1.9	9.9	28.0	4.0
Labs Included	40	39	39	40	40
Labs Reporting	40	40	40	40	40



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
33TCV7	17.00	1.65		15.00	1.34		19.00	1.15		38.00	1.00		27.00	1.43		
47NKDL	9.55	-0.11	1.73	9.17	-0.07	0.50	17.63	0.81	1.05	32.10	-0.20	0.93	19.13	-0.10	0.15	
4JCNKH	13.67	0.86	0.77	10.00	0.13	0.61	15.67	0.33	0.45	35.33	0.46	0.88	22.67	0.59	1.10	
4XRR6R	17.72	1.82	2.56	16.41	1.68	0.94	22.65	2.04	2.42	43.98	2.22	4.20	27.20	1.47	2.22	
6N2LME	8.22	-0.42	0.46	9.02	-0.11	0.19	11.89	-0.59	0.49	29.69	-0.69	0.88	16.50	-0.61	0.53	
6WVT86	14.64	1.09	1.33	1.21	-2.00	0.09	34.63	4.96X	3.23	9.48	-4.81X	0.41	8.91	-2.08	0.78	
72NVAJ	9.85	-0.04	0.07	9.62	0.04	0.11	15.05	0.18	0.22	34.65	0.32	0.29	19.61	-0.01	0.35	
8WPY24	11.67	0.39	0.73	8.17	-0.32	0.28	12.33	-0.48	0.04	25.17	-1.61	0.29	15.57	-0.79	0.90	
9ADKK6	11.26	0.30	0.86	10.05	0.14	0.46	14.86	0.14	0.44	35.27	0.45	0.61	20.05	0.08	0.78	
AEJDEZ	6.57	-0.81	0.43	4.87	-1.12	0.50	10.40	-0.95	1.08	29.83	-0.66	0.92	16.47	-0.62	0.82	
AJTRWY	14.10	0.97	0.43	11.12	0.40	0.03	16.15	0.45	0.35	33.14	0.01	0.47	24.60	0.96	0.14	
ARNUXA	9.75	-0.06	0.28	9.52	0.01	0.03	13.71	-0.14	0.08	33.26	0.04	0.24	19.67	0.01	0.49	
CRHYRA	7.90	-0.49	0.13	7.50	-0.48	0.31	9.77	-1.11	0.20	28.50	-0.93	0.29	14.17	-1.06	0.27	
CXNRL6	9.80	-0.05	0.81	8.87	-0.15	0.77	14.30	0.00	0.13	31.93	-0.23	0.42	18.10	-0.30	0.16	
DULEE7	4.37	-1.33	0.16	1.27	-1.99	0.07	6.85	-1.82	0.02	26.95	-1.25	0.54	16.91	-0.53	0.11	
ELKG49	9.94	-0.01	0.84	6.12	-0.81	0.43	12.00	-0.56	0.30	28.15	-1.00	0.56	20.46	0.16	0.18	
FYN37X	8.00	-0.47	1.33	11.67	0.53	3.09	10.67	-0.89	0.45	30.67	-0.49	0.67	17.00	-0.51	1.65	
GCV8WQ	12.83	0.67	2.12	18.23	2.12	3.72	16.13	0.45	1.16	33.03	-0.01	0.55	22.50	0.55	1.19	
HCNKU3	31.20	4.99X	3.72	30.80	5.16X	4.00	37.47	5.66X	4.85	49.38	3.32X	3.51	39.14	3.78X	4.22	
JYTTM4	15.50	1.30	0.67	16.17	1.62	0.18	20.17	1.43	1.36	38.83	1.17	1.59	23.67	0.78	1.92	
NLVB2L	16.56	1.54	0.30	10.89	0.34	0.64	16.03	0.42	0.44	42.37	1.89	0.29	26.15	1.26	0.90	
NULTFU	24.40	3.39X	4.96	37.50	6.79X	0.68	17.03	0.67	0.38	52.17	3.88X	2.58	24.03	0.85	2.23	
NZRPYU	16.68	1.57	0.27	7.66	-0.44	0.04	15.23	0.23	0.11	32.97	-0.02	0.41	27.12	1.45	0.27	
PDYUPM	9.62	-0.09	0.10	9.61	0.03	0.08	14.10	-0.05	0.10	33.99	0.18	0.09	19.16	-0.09	0.28	
PRGMDT	3.98	-1.42	0.11	2.70	-1.64	0.13	7.48	-1.66	0.21	25.91	-1.46	0.30	11.49	-1.58	0.32	
R3P8NZ	14.00	0.94	2.31	12.67	0.77	1.28	16.67	0.58	3.99	37.00	0.80	1.16	24.33	0.91	1.98	
TXAWAW	9.18	-0.19	0.15	9.45	-0.01	0.06	12.09	-0.54	0.23	34.69	0.33	0.39	18.89	-0.15	0.86	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
V9L6NZ	13.60	0.85	0.64	11.50	0.49	0.26	17.46	0.77	0.34	38.69	1.14	0.25	22.89	0.63	0.09	
WDCWCM	15.00	1.18	0.70	13.93	1.08	0.19	17.11	0.69	0.15	34.80	0.35	0.10	24.66	0.97	0.44	
WHNKCJ	9.83	-0.04	0.08	6.67	-0.68	0.04	10.53	-0.92	0.04	30.20	-0.59	0.42	20.97	0.26	0.20	
WYREJJ	10.00	0.00		9.00	-0.12		13.67	-0.15	0.45	32.67	-0.09	0.33	19.33	-0.06	0.55	
YXQ4ZL	10.69	0.16	0.47	8.42	-0.26	0.27	13.73	-0.14	0.45	33.42	0.07	0.25	18.42	-0.24	0.83	
ZD26AG	9.59	-0.10	0.62	9.48	0.00	0.59	12.01	-0.56	0.76	30.25	-0.58	0.94	17.07	-0.50	1.28	
Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	10.00			9.48			14.3			33.1			19.6			
Median Abs Dev	2.10			1.82			2.3			2.6			3.1			
Avg Within Lab SD	0.75			1.63			1.3			1.7			1.1			
Labs Included	31			31			31			30			32			
Labs Reporting	33			33			33			33			33			



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	7.5	-0.68		19.7	-1.08		11.2	-1.26		89.5	-3.54X		26.2	-1.56	
47NKDL	9.0	0.54	1.08	24.4	0.22	1.44	13.3	-0.23	2.39	118.0	-0.88	1.44	35.2	0.23	0.18
4JCNKH	9.0	0.57		22.3	-0.36	1.02	13.0	-0.37	1.36	130.7	0.30	1.27	37.7	0.74	0.49
4XRR6R	9.8	1.23	0.65	24.5	0.24	0.54	14.2	0.25	1.52	127.3	-0.01	3.20	34.2	0.05	0.25
6N2LME	7.9	-0.35	0.19	23.9	0.08	0.45	14.8	0.53	0.95	126.7	-0.07	0.61	33.6	-0.08	0.30
72NVAJ	8.5	0.17	0.45	24.1	0.12	0.63	13.8	0.01	0.26	136.6	0.85	0.23	34.8	0.15	0.64
8WPY24	7.9	-0.34	1.12	19.7	-1.09	1.07	11.5	-1.11	0.14	106.0	-2.00	1.62	27.8	-1.24	1.50
9ADKK6	7.6	-0.62	0.21	24.5	0.25	1.55	14.7	0.48	0.46	134.7	0.67	0.44	35.5	0.30	0.55
AEJDEZ	9.7	1.12	2.55	24.7	0.30	2.51	15.1	0.68	1.42	129.7	0.21	0.35	38.2	0.84	1.76
AJTRWY	9.7	1.16	0.12	18.0	-1.56	0.50	14.3	0.28	0.65	119.0	-0.79	0.32	41.0	1.41	0.22
ARNUXA	8.6	0.22	0.39	24.4	0.20	0.55	13.9	0.08	0.23	130.5	0.28	0.48	35.2	0.24	0.53
CRHYRA	18.7	8.68X	0.32	20.1	-0.96	0.28	30.2	8.23X	0.21	143.0	1.45	0.23	30.2	-0.76	0.22
CXNRL6	8.2	-0.11	0.06	20.8	-0.79	0.51	13.3	-0.21	0.13	117.4	-0.94	0.25	30.6	-0.69	0.35
ELKG49	6.2	-1.77	1.17	15.3	-2.28	0.63	11.1	-1.32	1.32	109.9	-1.64	0.56	36.6	0.51	0.63
EUY662	9.7	1.16	1.83	27.4	1.02	1.39	15.5	0.89	0.34	134.3	0.64	1.14	38.0	0.79	0.53
FA7LQU	8.8	0.44	0.25	15.5	-2.23	0.11	13.9	0.10	0.37	120.0	-0.70	0.64	41.5	1.50	0.37
FYN37X	8.3	0.01	1.24	23.7	0.01	1.02	14.7	0.47	0.78	130.3	0.27	0.71	35.7	0.33	0.49
GCV8WQ	7.6	-0.64	0.23	23.8	0.04	0.68	11.6	-1.09	0.18	123.6	-0.36	0.13	33.4	-0.11	0.58
JYTM4	12.2	3.21X	2.71	26.8	0.88	1.35	16.2	1.21	2.83	131.8	0.41	1.22	37.0	0.60	0.86
MY24TX	7.6	-0.62	0.25	21.3	-0.65	0.45	13.7	0.00	0.48	125.0	-0.23	0.40	31.6	-0.48	1.09
NLVB2L	10.5	1.82	0.04	26.6	0.82	0.45	17.5	1.87	0.20	151.1	2.21	0.14	45.7	2.34	0.17
NULTFU	6.4	-1.62	0.66	25.8	0.59	1.16	11.3	-1.23	0.48	125.6	-0.17	0.49	32.6	-0.28	1.12
NZRPYU	9.7	1.14	0.49	17.4	-1.72	1.06	12.2	-0.78	0.19	121.0	-0.60	1.60	46.6	2.52	1.72
PDYUPM	8.7	0.31	0.79	21.6	-0.55	0.26	12.7	-0.52	0.12	130.6	0.29	0.72	30.8	-0.65	0.35
PRGMDT				24.1	0.12	1.44				128.8	0.12	0.70	28.5	-1.10	0.66
R3P8NZ	7.7	-0.54	1.24	24.7	0.28	1.35	14.0	0.13	1.36	140.0	1.17	1.06	31.3	-0.53	1.31
RUV2UY	7.5	-0.71	2.42	24.2	0.15	1.83	12.0	-0.88	1.03	118.5	-0.84	1.74	33.0	-0.20	3.04



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
TXAWAW	7.2	-0.94	0.17	23.1	-0.14	0.63	12.4	-0.64	0.16	127.6	0.01	0.97	32.7	-0.27	1.39
V9L6NZ	8.3	0.02	0.08	23.6	0.00	0.19	15.7	0.99	0.38	132.2	0.45	0.25	33.5	-0.09	0.02
WDCWCM	8.1	-0.18	0.13	21.5	-0.58	1.07	12.7	-0.53	0.18	124.5	-0.27	0.11	33.6	-0.09	0.12
WHNKCJ	9.0	0.57		18.6	-1.40	0.05	13.7	0.00	0.75	113.5	-1.30	0.27	41.7	1.55	0.49
WMW7XV	7.6	-0.63	0.93	22.1	-0.44	0.87	11.8	-0.98	0.48	124.2	-0.31	0.86	30.6	-0.68	1.19
WYREJJ	8.3	-0.01	0.22	22.7	-0.27	0.51	13.1	-0.33	0.31	133.0	0.52	0.61	34.0	0.00	0.86
YXQ4ZL	9.5	0.97	0.82	28.0	1.20	0.73	17.6	1.93	1.06	142.4	1.39	0.18	36.1	0.41	0.40
ZD26AG	7.9	-0.35	1.54	20.1	-0.98	0.53	12.0	-0.86	1.45	121.2	-0.59	1.35	32.7	-0.27	1.87

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	8.32			23.6			13.7			127.5			34.0		
Median Abs Dev	0.71			2.0			1.1			5.9			2.6		
Avg Within Lab SD	0.46			1.1			0.7			4.3			1.2		
Labs Included	32			35			33			34			35		
Labs Reporting	34			35			34			35			35		



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	606.0	1.03		241.5	0.67		819.8	0.00		118.2	0.06		1,163.1	0.51	
47NKDL	508.3	-0.87	0.79	200.7	-0.46	0.83	760.0	-0.66	0.99	135.0	1.21	2.01	1,033.3	-0.42	0.94
4JCNKH	521.0	-0.63	1.53	217.3	0.00	0.38	693.7	-1.39	1.29	113.0	-0.29	1.29	977.7	-0.81	0.13
72NVAJ	547.6	-0.11	1.10	233.1	0.44	1.01	792.6	-0.30	0.35	131.6	0.97	0.88	1,083.7	-0.06	0.20
8WPY24	517.3	-0.70	1.73	173.0	-1.23	0.91	849.7	0.33	0.96	115.3	-0.14	1.28	1,118.7	0.19	1.76
9ADKK6	562.1	0.17	0.31	254.6	1.03	1.00	840.4	0.23	0.41	120.8	0.24	0.21	1,081.6	-0.07	0.45
AEJDEZ	554.0	0.02	1.86	258.7	1.15	2.79	875.0	0.61	1.24	125.0	0.52	1.63	1,151.3	0.43	0.84
AJTRWY	590.9	0.73	0.18	166.8	-1.40	0.36	795.5	-0.27	0.67	135.0	1.21	0.18	1,175.3	0.60	0.18
ARNUXA	553.4	0.00	0.72	230.2	0.36	0.64	856.4	0.40	0.29	119.8	0.17	0.80	1,183.2	0.65	0.88
CRHYRA	559.0	0.11	0.06	230.0	0.35	0.10	850.3	0.34	0.05	141.0	1.61	0.17	1,091.7	0.00	0.18
DULEE7	662.4	2.13	2.25	172.1	-1.26	1.63	874.9	0.61	3.17	111.9	-0.37	0.97	1,331.0	1.71	3.44
ELKG49	547.3	-0.11	0.08	166.9	-1.40	1.04	733.6	-0.95	0.55	103.7	-0.93	2.61	1,171.6	0.57	1.60
EUY662	604.9	1.01	0.60	230.5	0.36	1.40	881.9	0.68	1.25	119.8	0.17	0.31	1,175.6	0.60	0.79
HCNKU3	719.4	3.24 X	1.37	205.3	-0.33	1.01	928.6	1.20	0.46	192.2	5.11 X	1.91	1,241.6	1.07	0.26
JYTTM4	450.5	-2.00	0.69	223.2	0.16	0.44	675.5	-1.59	0.81	109.3	-0.54	0.18	843.0	-1.77	0.34
NLVB2L	799.9	4.80 X	0.70	343.7	3.51 X	0.24	1,224.5	4.46 X	0.18	177.7	4.12 X	0.27	1,589.3	3.55 X	0.20
NZRPYU	654.4	1.97	0.59	159.7	-1.60	0.51	769.4	-0.55	1.39	104.7	-0.86	0.14	1,431.8	2.42	0.71
PDYUPM	530.5	-0.44	0.99	222.2	0.14	0.57	747.6	-0.80	0.18	116.5	-0.06	0.46	1,010.0	-0.58	0.34
PRGMDT	552.9	0.00	0.49	212.0	-0.15	1.08	827.9	0.09	0.78	125.3	0.54	0.36	1,053.3	-0.27	0.44
R3P8NZ	593.0	0.78	0.64	299.7	2.28	1.20	923.0	1.14	1.12				1,066.0	-0.18	0.42
TXAWAW	560.5	0.14	0.16	212.6	-0.13	0.21	854.3	0.38	0.22	106.4	-0.75	0.29	1,100.9	0.07	0.33
V9L6NZ	568.5	0.30	0.13	239.1	0.60	0.06	689.3	-1.44	0.04	102.1	-1.04	0.09	933.3	-1.13	0.07
WMW7XV	518.1	-0.68	1.60	211.4	-0.16	0.77	729.1	-1.00	0.38	101.8	-1.06	0.27	924.4	-1.19	0.52
WYREJJ	549.0	-0.08	0.35	216.7	-0.02	0.29	719.7	-1.10	0.46	142.0	1.68	0.34	971.3	-0.86	0.65
XH2W69	448.0	-2.05		203.0	-0.40		785.0	-0.38		111.0	-0.43		1,010.0	-0.58	
YXQ4ZL	546.7	-0.12	0.32	245.6	0.78	0.39	860.2	0.44	0.21	38.7	-5.36 X	0.57	1,110.1	0.13	0.44



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Mult-Element Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	553.1	217.3	819.8	117.3	1,091.7
Median Abs Dev	27.4	15.7	55.0	8.0	81.7
Avg Within Lab SD	17.7	9.9	29.9	5.9	43.3
Labs Included	24	25	25	22	25
Labs Reporting	26	26	26	25	26



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	13.54	-0.23		1.31	-0.75		1.32	-0.76		1.28	-1.02		4.03	0.47	
47NKDL	14.07	0.04	0.75							2.47	4.05X	3.79	5.07	2.41	2.82
4JCNKH	14.83	0.45	1.98	1.37	-0.54	0.74	1.20	-1.37	2.48	1.20	-1.36	1.20	3.60	-0.33	0.66
4XRR6R	12.84	-0.60	2.19	1.48	-0.12	0.29	1.54	0.33	2.25	1.52	0.00	1.68	3.69	-0.16	1.57
6N2LME	12.41	-0.83	0.31	1.55	0.17	0.33	1.50	0.15	0.25	1.53	0.02	0.50	3.73	-0.09	0.43
6WVT86	15.59	0.85	1.51	1.03	-1.81	0.32	1.80	1.66	2.83	1.55	0.14	2.11	4.24	0.87	0.57
72NVAJ	14.79	0.43	0.34	1.57	0.22	0.23	1.58	0.54	0.27	1.69	0.74	0.41	3.53	-0.46	0.49
8WPY24	12.67	-0.70	1.77	1.29	-0.82	0.52	1.41	-0.29	0.95	1.43	-0.39	0.18	3.31	-0.87	1.46
9ADKK6	14.16	0.09	0.61	1.57	0.21	0.84	1.41	-0.29	0.29	1.44	-0.35	0.50	3.79	0.02	0.20
AEJDEZ	13.90	-0.04	2.53	1.47	-0.16	2.42	1.42	-0.24	1.01	1.33	-0.82	0.38	3.70	-0.15	1.75
AJTRWY	15.43	0.77	0.03	1.05	-1.71	0.09	1.39	-0.41	0.55	1.28	-1.01	0.16	4.16	0.72	0.11
ARNUXA	15.51	0.81	0.62	1.61	0.39	0.52	1.63	0.81	0.65	1.56	0.18	0.32	3.82	0.08	0.67
CRHYRA	13.73	-0.13	0.66	1.60	0.32	0.20	1.41	-0.32	0.26	1.49	-0.13	0.12	3.60	-0.32	0.23
CXNRL6	11.67	-1.23	0.37	1.24	-1.01	0.16	1.59	0.62	0.13	1.76	1.03	0.48	3.38	-0.74	0.04
DULEE7	17.63	1.93	0.05	1.27	-0.89	0.93	1.45	-0.10	0.07	1.32	-0.86	0.24	4.91	2.10	0.29
E8MAAD	18.29	2.28	0.62	1.30	-0.80	1.35	1.70	1.15	0.07	1.70	0.75	0.07	4.79	1.88	0.63
ELKG49	15.06	0.57	0.08	1.14	-1.39	1.17	1.35	-0.61	0.88	1.38	-0.61	0.37	4.08	0.57	0.79
EUY662	15.36	0.73	1.92	1.47	-0.15	1.41	1.47	0.02	0.90	1.51	-0.06	1.40	3.81	0.06	0.45
FYN37X	13.80	-0.10	0.19	1.90	1.46	0.00	1.90	2.19	0.00	1.87	1.47	0.69	4.20	0.79	0.66
GCV8WQ	13.60	-0.20	0.49	1.32	-0.71	2.57	1.39	-0.42	0.56	1.40	-0.52	0.61	3.75	-0.06	1.13
HCNKU3	17.70	1.97	0.88	1.64	0.50	0.98	1.69	1.14	1.22	1.68	0.67	2.13	4.82	1.94	2.32
JYTTM4	12.95	-0.55	0.93	1.40	-0.41	0.64	1.32	-0.78	0.95	1.17	-1.50	0.69	3.13	-1.20	1.06
MY24TX	12.43	-0.82	0.29	1.53	0.06	0.39	1.54	0.36	0.33	1.53	0.04	1.66	3.38	-0.74	1.13
NLVB2L	17.53	1.88	0.53	1.97	1.74	0.66	1.89	2.12	0.16	1.88	1.53	0.23	4.90	2.10	0.21
NULTFU	13.13	-0.45	1.06	1.60	0.34	0.00	1.43	-0.19	0.72	1.70	0.77	1.20	4.47	1.29	1.91
NZRPYU	16.59	1.38	0.89	1.00	-1.91	0.38	1.26	-1.09	0.19	1.31	-0.88	1.17	4.58	1.49	0.91
PDYUPM	15.54	0.83	0.71	1.60	0.35	1.12	1.58	0.56	0.49	1.65	0.56	0.20	3.58	-0.37	0.09



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRGMDT	13.59	-0.21	0.35	1.51	0.00	0.97	1.44	-0.14	0.68	1.40	-0.52	0.38	3.55	-0.43	0.31
R3P8NZ	14.67	0.36	1.57	1.73	0.84	1.97	1.50	0.15		1.60	0.34	1.20	3.47	-0.58	1.01
TXAWAW	13.38	-0.32	0.54	1.92	1.54	0.73	1.59	0.59	1.84	1.65	0.56	0.79	3.76	-0.02	0.70
V9L6NZ	14.53	0.29	0.53	1.46	-0.19	0.13	1.45	-0.10	0.12	1.39	-0.55	0.12	3.57	-0.39	0.04
WDCWCM	12.56	-0.76	0.24	1.70	0.72	0.52	1.64	0.85	0.36	1.53	0.06	0.50	3.60	-0.32	0.31
WHNKCJ	15.90	1.02	0.00	1.30	-0.79	0.00	1.20	-1.37	0.00	1.07	-1.92	0.69	4.20	0.79	0.00
WMW7XV	12.90	-0.57	1.39	1.30	-0.79	0.80	1.22	-1.26	0.36	1.22	-1.27	0.84	3.09	-1.27	0.88
WYREJJ	15.12	0.60	0.42	1.51	0.01	0.54	1.31	-0.81	0.25	1.31	-0.89	0.43	3.80	0.04	0.56
XH2W69	12.70	-0.68		1.33	-0.67		1.47	0.00		1.64	0.51		3.81	0.06	
XJE7HF	13.78	-0.11	0.57	1.53	0.09	0.74	1.43	-0.19	0.36	1.45	-0.30	0.60	3.67	-0.20	0.51
XZYUQP	13.16	-0.43	0.09	1.66	0.57	0.86	1.62	0.76	0.74	1.56	0.16	0.68	3.91	0.25	0.37
YXQ4ZL	14.57	0.31	0.26	1.77	0.96	1.35	1.56	0.44	0.50	1.61	0.38	0.24	3.87	0.17	0.53
ZD26AG	13.19	-0.42	0.94	1.56	0.19	1.79	1.69	1.10	1.87	1.85	1.42	2.95	3.68	-0.18	1.35

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	14.0			1.51			1.47			1.52			3.78		
Median Abs Dev	1.1			0.15			0.11			0.13			0.24		
Avg Within Lab SD	0.5			0.08			0.08			0.08			0.15		
Labs Included	40			39			39			39			40		
Labs Reporting	40			39			39			40			40		



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	333.25	0.22		11.69	1.04		159.68	0.24		181.48	0.57		159.85	0.82	
47NKDL	298.00	-0.26	2.64	11.00	0.69	1.97	153.00	-0.20	0.78	159.33	-0.13	1.99	145.00	0.12	0.58
4JCNKH	305.67	-0.16	1.23	9.67	0.02	1.09	147.00	-0.58	0.71	154.00	-0.30	1.40	145.67	0.15	0.89
4XRR6R	319.63	0.04	1.03	12.71	1.56	2.36	161.05	0.33	1.74	154.84	-0.27	0.23	135.68	-0.33	0.76
6N2LME	332.92	0.22	1.04	10.03	0.21	0.31	155.85	-0.01	0.45	197.89	1.10	0.21	133.42	-0.43	0.42
6WVT86	231.20	-1.19	1.48	7.38	-1.14	0.63	147.93	-0.52	2.03	159.40	-0.13	0.09	134.30	-0.39	2.86
72NVAJ	380.69	0.88	1.96	10.33	0.36	0.90	169.35	0.87	0.51	173.68	0.33	0.49	150.36	0.37	0.26
8WPY24	282.33	-0.48	0.41	5.84	-1.91	0.62	127.67	-1.84	1.86	131.67	-1.01	0.49	109.33	-1.58	1.55
9ADKK6	372.68	0.77	0.25	8.31	-0.67	0.80	167.78	0.76	0.58	181.91	0.59	0.14	150.22	0.37	0.81
AEJDEZ	346.33	0.41	1.33	11.37	0.88	2.02	164.00	0.52	1.02	179.00	0.50	1.34	152.67	0.48	1.72
AJTRWY	355.45	0.53	0.24	7.05	-1.30	0.34	149.40	-0.43	0.42	151.88	-0.36	0.37	172.55	1.43	0.19
ARNUXA	378.08	0.84	0.59	10.75	0.57	1.42	163.70	0.50	0.37	170.49	0.23	0.54	140.67	-0.09	0.25
CRHYRA	308.67	-0.12	0.21	9.90	0.14	0.68	146.33	-0.63	0.30	158.67	-0.15	0.21	131.33	-0.53	0.13
CXNRL6	257.80	-0.82	0.35	8.18	-0.73	0.17	158.11	0.14	0.28	169.75	0.20	0.41	136.40	-0.29	0.19
DULEE7	443.76	1.75	1.55	9.63	0.00	0.36	177.43	1.39	2.38	200.46	1.18	1.84	210.13	3.21X	2.91
E8MAAD	425.03	1.49	0.65	8.25	-0.70	0.59	155.02	-0.06	0.48	236.37	2.32	0.73	186.32	2.08	0.49
ELKG49	340.76	0.33	0.15	8.01	-0.82	1.48	144.07	-0.77	0.49	156.27	-0.22	0.30	164.92	1.06	0.61
EUY662	379.56	0.87	0.32	9.20	-0.22	0.59	156.81	0.05	2.28	176.28	0.41	0.01	142.53	0.00	2.05
FYN37X	217.00	-1.39	0.18	10.33	0.36	1.09	145.33	-0.69	0.30	126.67	-1.16	0.66	128.67	-0.66	0.84
GCV8WQ	334.73	0.24	0.62	8.23	-0.71	1.54	166.50	0.68	0.69	166.43	0.10	1.04	156.10	0.64	0.17
HCNKU3	397.85	1.12	0.51	9.09	-0.27	0.04	159.82	0.25	0.14	209.71	1.47	0.55	180.88	1.82	0.56
JYTTM4	291.50	-0.35	0.44	12.17	1.28	1.09	156.17	0.01	1.08	134.83	-0.90	0.53	121.67	-0.99	1.77
MY24TX	229.00	-1.22	0.31	11.30	0.85	0.68	157.67	0.11	0.57	150.00	-0.42	0.24	121.00	-1.02	0.22
NLVB2L	300.39	-0.23	0.26	12.92	1.66	0.63	190.21	2.22	0.08	198.19	1.10	0.07	174.88	1.54	0.47
NULTFU	295.30	-0.30	0.31	9.30	-0.16	0.19	138.97	-1.11	0.75	200.90	1.19	0.69	156.67	0.67	1.49
NZRPYU	410.09	1.29	1.63	6.77	-1.44	0.39	149.83	-0.40	2.26	155.83	-0.24	1.35	177.01	1.64	1.29
PDYUPM	367.32	0.70	0.41	10.48	0.43	0.47	161.31	0.34	0.42	161.58	-0.06	1.45	133.66	-0.42	0.44



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRGMDT	314.47	-0.04	0.56	8.89	-0.37	0.53	155.09	-0.06	0.84	165.13	0.06	0.50	133.40	-0.43	0.39
R3P8NZ	305.67	-0.16	2.51	11.00	0.69		160.00	0.26	0.78	182.67	0.61	3.86	134.00	-0.40	0.96
TXAWAW	155.49	-2.24	1.00	9.05	-0.29	0.65	141.42	-0.95	0.52	98.32	-2.06	0.51	141.23	-0.06	1.12
V9L6NZ	232.80	-1.17	0.11	10.42	0.40	0.48	132.69	-1.51	0.08	105.54	-1.83	0.08	124.88	-0.84	0.20
WDCWCM	305.38	-0.16	0.46	10.09	0.23	0.30	135.88	-1.31	0.17	185.00	0.69	0.19	139.66	-0.14	0.18
WHNKCJ	294.30	-0.31	0.14	8.00	-0.82		129.57	-1.72	0.30	156.17	-0.23	0.13	152.17	0.46	0.22
WMW7XV	227.73	-1.24	0.75	8.52	-0.56	0.43	128.66	-1.77	0.24	107.00	-1.79	0.15	108.34	-1.62	1.12
WYREJJ	323.33	0.09	1.14	11.43	0.91	1.75	154.67	-0.09	0.79	167.67	0.14	0.49	148.00	0.26	1.23
XH2W69	363.00	0.64		9.09	-0.27		169.00	0.84		157.00	-0.20		145.00	0.12	
XJE7HF	268.00	-0.68	0.20	15.33	2.88X	2.18	159.00	0.19	0.52	148.00	-0.49	0.84	137.33	-0.25	0.13
YXQ4ZL	367.56	0.70	0.36	9.04	-0.29	0.08	175.87	1.29	0.17	192.07	0.91	0.12	152.34	0.47	0.33
Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	317.0			9.63			156.0			163.4			142.5		
Median Abs Dev	42.2			1.32			8.0			14.4			9.6		
Avg Within Lab SD	9.8			0.53			5.1			7.1			4.5		
Labs Included	38			37			38			38			37		
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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	187.4	1.12		102.8	0.85		136.5	0.83		58.4	0.88		396.3	1.24	
47NKDL	148.3	-0.22	1.65	84.7	-0.20	1.28	117.3	-0.19	1.01	51.0	0.00	1.05	311.0	-0.05	1.31
4JCNKH	125.0	-1.02	0.53	86.3	-0.10	1.05	107.0	-0.74	0.93	43.0	-0.95	0.70	248.3	-1.00	0.84
4XRR6R	135.6	-0.66	1.19	95.5	0.43	2.03	115.9	-0.27	2.09	52.9	0.22	0.90	277.0	-0.56	1.72
6N2LME	170.9	0.55	0.49	96.8	0.51	0.29	133.9	0.69	0.36	63.6	1.49	0.71	347.6	0.51	0.58
6WVT86	112.7	-1.45	1.16	65.4	-1.31	0.34	114.0	-0.37	1.76	48.3	-0.32	2.68	222.4	-1.39	1.19
72NVAJ	163.1	0.28	0.96	101.7	0.79	0.54	122.7	0.09	0.55	56.5	0.64	0.11	314.2	0.00	0.65
8WPY24	149.3	-0.19	0.90	66.6	-1.25	0.73	125.3	0.23	0.86	50.9	-0.01	0.91	333.7	0.29	0.42
9ADKK6	198.6	1.50	0.16	105.3	1.00	1.22	140.2	1.03	0.63	61.9	1.29	0.30	408.5	1.43	0.69
AEJDEZ	166.3	0.39	2.12	102.7	0.84	2.79	141.0	1.07	2.22	57.0	0.71	1.70	339.7	0.39	2.31
AJTRWY	148.9	-0.21	0.16	65.0	-1.34	0.43	118.6	-0.13	1.01	49.3	-0.20	0.22	296.9	-0.26	0.14
ARNUXA	169.0	0.49	0.56	94.3	0.36	0.29	126.5	0.30	0.44	50.4	-0.07	0.18	313.5	-0.01	0.23
CRHYRA	150.0	-0.17	0.18	91.0	0.17	0.26	117.0	-0.21	0.21	50.0	-0.12	0.40	304.0	-0.15	0.09
CXNRL6	154.9	0.00	0.02	79.6	-0.49	0.16	115.6	-0.29	0.27	54.1	0.36	0.39	326.4	0.18	0.05
DULEE7	224.7	2.40	0.83	85.0	-0.18	1.70	171.0	2.67	2.35	56.0	0.59	0.71	434.2	1.82	2.73
E8MAAD	198.5	1.50	1.09	76.9	-0.65	1.07	157.2	1.93	0.51	79.4	3.37	1.67	377.7	0.96	0.16
ELKG49	142.5	-0.43	0.13	64.3	-1.38	0.50	110.2	-0.58	0.36	48.7	-0.27	0.61	294.4	-0.30	0.89
EUY662	171.6	0.58	2.37	94.7	0.38	2.23	133.7	0.68	1.89	58.5	0.88	0.28	335.4	0.32	2.13
FYN37X	135.0	-0.68	0.18	86.7	-0.08	0.40	111.3	-0.51	0.75	47.0	-0.48	0.81	243.3	-1.07	0.61
GCV8WQ	151.7	-0.11	0.98	67.7	-1.18	0.14	107.3	-0.73	0.17	50.4	-0.07	1.16	326.7	0.19	0.07
HCNKU3	201.2	1.59	2.75	86.7	-0.08	0.89	161.1	2.14	0.14	73.9	2.72	1.05	360.5	0.70	0.73
JYTTM4	118.2	-1.26	0.36	89.2	0.06	0.46	106.7	-0.76	0.69	42.0	-1.07	0.53	220.8	-1.41	0.89
MY24TX	148.3	-0.22	0.80	100.3	0.71	0.30	128.3	0.39	0.86	53.9	0.34	0.31	273.7	-0.61	0.30
NLVB2L	192.5	1.29	0.18	130.4	2.45	0.13	191.2	3.74X	0.12	89.4	4.55X	0.26	396.2	1.24	0.65
NULTFU	175.4	0.70	0.48	72.7	-0.89	0.07	120.9	0.00	0.50	65.8	1.76	1.10	433.9	1.81	0.18
NZRPYU	181.0	0.90	1.37	60.8	-1.58	0.08	113.5	-0.40	0.79	48.9	-0.25	0.71	396.9	1.25	0.95
PDYUPM	160.1	0.18	0.61	94.2	0.35	0.40	112.0	-0.48	0.33	52.9	0.22	0.98	294.1	-0.30	0.24



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRGMDT	159.7	0.17	0.39	84.4	-0.22	1.22	117.4	-0.19	1.12	50.1	-0.11	0.32	320.8	0.10	0.20
R3P8NZ	145.3	-0.33	1.51	106.0	1.04	1.71	131.7	0.57	1.50	54.3	0.39	3.08	282.3	-0.48	1.82
TXAWAW	151.2	-0.13	0.62	192.7	6.05X	1.70	171.7	2.70	0.77	52.1	0.13	0.35	305.5	-0.13	1.54
V9L6NZ	129.9	-0.86	0.15	96.1	0.46	0.08	115.9	-0.27	0.11	45.7	-0.63	0.18	232.1	-1.24	0.11
WDCWCM	172.2	0.60	0.29	88.8	0.04	0.42	130.7	0.52	0.22	67.9	2.00	0.16	367.4	0.81	0.27
WHNKCJ	161.6	0.23	0.24	73.4	-0.85	0.31	130.0	0.48	0.21	49.9	-0.13	0.36	330.3	0.24	0.11
WMW7XV	114.2	-1.39	0.89	82.6	-0.32	0.86	99.6	-1.14	0.73	38.9	-1.44	0.16	219.5	-1.44	0.21
WYREJJ	144.7	-0.35	0.21	87.3	-0.04	0.40	113.7	-0.39	0.44	51.0	0.00	0.40	290.7	-0.36	0.21
XJE7HF	139.0	-0.54	0.18	104.0	0.92	1.04	121.0	0.00	0.57	51.0	0.00	0.70	277.3	-0.56	0.51
YXQ4ZL	162.9	0.28	0.38	101.9	0.80	0.25	127.0	0.32	0.53	49.6	-0.17	0.47	322.7	0.13	0.32
Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	154.9			88.1			121.0			51.0			314.2		
Median Abs Dev	15.9			9.9			9.0			3.0			33.4		
Avg Within Lab SD	5.6			3.8			4.7			2.5			10.8		
Labs Included	37			36			36			36			37		
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	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	4.58	0.17		0.19	-0.37		1.78	0.00		2.80	0.99		3.11	0.71	
47NKDL	4.58	0.16	1.00							2.53	-0.11	2.45	2.91	0.28	2.80
4JCNKH	4.60	0.21	1.92	0.20	-0.26	0.00	1.57	-1.26	1.99	2.40	-0.62	1.71	2.87	0.19	0.97
4XRR6R	4.37	-0.22	0.43	0.29	0.79	1.24	1.85	0.44	0.30	2.72	0.68	1.20	2.66	-0.26	0.44
6N2LME	3.90	-1.10	0.34	0.32	1.11	0.67	1.90	0.73	0.55	2.79	0.95	0.79	2.55	-0.49	0.67
6WVT86	4.79	0.56	1.45	0.32	1.07	1.69	1.87	0.53	1.63	2.74	0.75	1.55	3.29	1.09	1.91
72NVAJ	4.51	0.04	0.70	0.32	1.04	0.37	1.72	-0.36	0.57	2.81	1.02	0.38	2.89	0.23	0.29
8WPY24	4.35	-0.26	1.44				0.84	-5.57X	1.04	1.73	-3.30X	1.93	1.72	-2.27	0.13
9ADKK6	4.61	0.23	0.62	0.37	1.62	0.96	2.00	1.32	0.64	2.80	1.01	0.56	2.94	0.34	1.06
AEJDEZ	4.85	0.68	2.64	0.20	-0.29	1.39	1.90	0.71	1.69	2.64	0.36	0.65	2.96	0.40	1.39
AJTRWY	5.02	1.00	0.32	0.12	-1.12	0.18	1.60	-1.10	0.39	2.26	-1.18	0.57	3.12	0.73	0.35
ARNUXA	4.98	0.93	0.70	0.32	1.10	0.58	1.70	-0.48	0.55	2.55	0.00	0.35	2.88	0.21	0.26
CRHYRA	4.33	-0.31	0.41	0.75	5.80X	0.55	1.91	0.75	0.20	2.51	-0.17	0.17	2.58	-0.42	0.08
CXNRL6	4.04	-0.85	0.15	0.21	-0.19	0.16	1.66	-0.73	0.21	2.62	0.27	0.04	2.59	-0.40	0.14
DULEE7	5.61	2.11	0.39	0.16	-0.73	0.28	1.93	0.88	0.17	2.53	-0.11	0.66	3.68	1.94	0.22
E8MAAD	5.22	1.37	0.33	0.20	-0.26	0.00	2.02	1.44	0.75	2.86	1.23	0.52	2.99	0.45	0.00
ELKG49	4.80	0.58	1.13	0.17	-0.61	0.33	1.59	-1.13	0.64	2.24	-1.25	0.37	2.97	0.40	1.02
EUY662	5.12	1.17	2.52	0.38	1.78	0.34	1.95	1.03	2.78	2.97	1.68	1.91	3.22	0.95	2.08
FYN37X	4.07	-0.79	0.37	0.20	-0.26	0.00	1.73	-0.28	0.75	2.43	-0.48	0.49	2.10	-1.45	0.84
GCV8WQ	4.41	-0.14	0.98	0.28	0.62	0.83	1.71	-0.41	0.78	2.59	0.16	0.52	2.89	0.25	0.46
HCNKU3	5.18	1.30	0.15	0.35	1.37	1.39	2.05	1.58	0.55	2.66	0.44	0.74	3.25	1.01	0.65
JYTTM4	4.43	-0.11	1.21	0.23	0.11	0.80	1.72	-0.38	1.88	2.40	-0.62	0.86	2.40	-0.81	1.12
MY24TX	4.20	-0.54	1.11	0.16	-0.73	0.32	1.69	-0.51	0.88	2.67	0.48	1.27	2.30	-1.02	0.35
NLVB2L	5.17	1.28	0.40	0.30	0.83	0.24	2.27	2.91X	0.11	3.12	2.27	0.17	3.13	0.75	0.13
NULTFU	3.77	-1.36	0.98	0.23	0.11	1.60	1.67	-0.67	0.75	2.73	0.72	1.78	2.53	-0.52	1.29
NZRPYU	5.46	1.81	0.57	0.23	0.13	0.22	1.78	0.03	0.35	2.44	-0.46	0.99	3.61	1.79	0.49
PDYUPM	4.40	-0.17	0.29	0.31	0.98	0.48	1.58	-1.19	0.46	2.54	-0.07	0.27	2.59	-0.40	0.30



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PRGMDT	4.35	-0.26	0.72	0.21	-0.11	0.42	1.78	0.00	0.79	2.53	-0.11	0.57	2.60	-0.39	0.73
R3P8NZ	4.47	-0.04	1.61	0.23	0.11	1.60	1.87	0.51	0.75	2.77	0.86	1.98	2.53	-0.52	0.49
TXAWAW	4.32	-0.31	0.80	0.63	4.43X	0.16	1.80	0.14	0.41	2.49	-0.26	0.77	2.57	-0.44	2.22
V9L6NZ	4.76	0.51	0.10	0.20	-0.22	0.16	1.75	-0.20	0.33	2.36	-0.78	0.09	2.27	-1.09	0.13
WDCWCM	4.00	-0.92	0.13	0.34	1.29	1.00	1.80	0.10	0.53	2.76	0.84	0.13	2.68	-0.22	0.35
WHNKCJ	5.20	1.33	0.00	0.20	-0.26	0.00	1.80	0.12	0.00	2.50	-0.21		3.20	0.90	0.00
WMW7XV	3.95	-1.01	0.80	0.18	-0.44	0.58	1.53	-1.48	0.26	2.12	-1.73	0.32	2.23	-1.18	0.82
WYREJJ	4.75	0.48	0.22	0.30	0.84	0.28	1.84	0.36	0.23	2.70	0.59	0.70	2.89	0.25	0.91
XH2W69	4.03	-0.86		0.18	-0.48		1.63	-0.89		2.35	-0.82		2.69	-0.19	
XJE7HF	4.28	-0.39	0.67	0.11	-1.25	3.60	1.49	-1.70	2.03	2.40	-0.62	1.25	2.60	-0.39	1.34
YXQ4ZL	4.45	-0.07	0.26	0.18	-0.48	0.28	1.75	-0.16	0.72	2.54	-0.07	0.26	2.64	-0.30	0.53

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	4.49			0.22			1.78			2.55			2.78		
Median Abs Dev	0.30			0.06			0.09			0.15			0.21		
Avg Within Lab SD	0.16			0.04			0.08			0.12			0.12		
Labs Included	38			34			35			37			38		
Labs Reporting	38			36			37			38			38		



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	0.56	-1.36		0.20	-0.56		0.28	-1.17		1.31	-2.70		0.78	1.68	
47NKDL										3.82	0.69	0.64			
4JCNKH	0.90	0.63	2.77	0.28	0.37	1.30	0.37	0.37	2.19	3.13	-0.24	1.58	0.53	0.54	1.36
4XRR6R	0.78	-0.06	0.42	0.34	0.96	0.87	0.41	1.18	0.51	3.34	0.04	0.66	0.51	0.43	0.48
6N2LME	0.75	-0.23	0.38	0.34	1.00	0.66	0.43	1.57	0.59	3.25	-0.09	0.14	0.47	0.26	0.30
72NVAJ	0.78	-0.07	0.48	0.24	-0.16	0.43	0.35	0.00	0.38	3.30	-0.02	0.45	0.42	0.01	0.39
8WPY24	0.43	-2.13	0.83	0.34	1.00	0.90	0.33	-0.28	0.76	0.66	-3.58X	0.23	0.36	-0.25	0.59
9ADKK6	0.87	0.48	0.42	0.39	1.60	0.69	0.39	0.85	0.22	3.40	0.11	0.38	0.45	0.15	0.41
AEJDEZ	0.63	-0.97	1.28	0.18	-0.79	1.96	0.28	-1.23	2.44	3.04	-0.37	0.32	0.21	-0.94	1.17
AJTRWY	0.87	0.43	0.19	0.13	-1.36	0.12	0.29	-1.03	0.49	3.16	-0.20	0.50	0.39	-0.13	0.11
ARNUXA	0.85	0.32	0.43	0.22	-0.36	0.67	0.37	0.40	0.07	3.61	0.40	0.34	0.41	-0.01	0.27
CRHYRA	0.70	-0.54	0.28	0.25	0.00	0.45	0.32	-0.46	0.38	2.78	-0.72	0.20	0.38	-0.17	0.24
CXNRL6	0.59	-1.21	0.05	0.33	0.87	0.35	0.39	0.72	0.82	1.49	-2.46	0.66	0.57	0.72	0.29
ELKG49	0.90	0.62	1.10	0.17	-0.89	1.13	0.32	-0.43	0.80	3.00	-0.42	0.42	0.33	-0.40	0.30
EUY662	0.79	0.00	0.66	0.18	-0.81	1.31	0.29	-1.07	1.43	3.65	0.46	0.58	0.24	-0.80	0.48
FYN37X	2.17	8.08X	11.19	2.57	25.95X	6.87	1.83	26.52X	11.57	4.77	1.96	1.58	1.80	6.39X	8.19
GCV8WQ	0.86	0.38	0.85	5.75	61.58X	3.41	0.42	1.32	0.76	3.52	0.28	0.42	0.48	0.29	1.65
HCNKU3	0.93	0.82	0.66	0.29	0.41	2.48	0.34	-0.08	0.73	3.13	-0.25	0.25	0.37	-0.23	0.75
JYTM4	0.85	0.34	0.00	0.32	0.74	1.30	0.38	0.67	1.09	3.33	0.03	1.10	0.40	-0.08	0.00
NLVB2L	1.06	1.57	2.52	0.25	0.00	1.38	0.41	1.06	2.47	4.52	1.63	1.04	0.21	-0.96	1.61
NULTFU	1.87	6.32X	15.25	7.63	82.71X	45.95	0.60	4.53X	3.79	1.33	-2.67	2.67	1.63	5.62	3.61
NZRPYU	1.05	1.54	1.35	0.19	-0.68	0.39	0.37	0.49	0.33	3.13	-0.25	1.50	0.57	0.73	0.22
PDYUPM	0.76	-0.21	0.42	0.25	-0.04	0.52	0.35	0.01	0.58	3.35	0.05	0.25	0.45	0.17	0.47
PRGMDT	0.74	-0.30	0.36	0.27	0.23	1.26	0.33	-0.30	0.43	1,173.95	578.52X	424.44	0.20	-0.99	0.15
R3P8NZ	0.90	0.63	0.00	0.30	0.56	0.00	0.40	0.97	0.00	3.47	0.21	2.45	0.53	0.54	1.36
TXAWAW	0.74	-0.30	0.74	0.33	0.84	0.45	0.33	-0.21	0.76	2.87	-0.60	0.70	0.62	0.95	0.65
V9L6NZ	0.91	0.69	0.00	0.28	0.37	0.26	0.40	0.97	0.00	3.35	0.05	0.00	0.40	-0.09	0.14



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
WDCWCM	1.70	5.36	X	0.58	0.97	8.10	X	1.04	1.60	22.30	X	0.79	4.45	1.54	0.29
WMW7XV	0.79	0.01	1.15	0.12	-1.46	0.45	0.33	-0.22	0.58	2.99	-0.44	0.46	0.25	-0.77	0.41
XJE7HF	0.41	-2.23	1.28	0.12	-1.46	0.00	0.33	-0.22	0.44	0.16	-4.25	X	0.49	0.32	0.72
YXQ4ZL	0.77	-0.15	0.42	0.25	0.00	0.90	0.29	-0.94	0.22	3.32	0.02	0.77	0.28	-0.65	0.14
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	0.79			0.25			0.35			3.31			0.42		
Median Abs Dev	0.08			0.06			0.04			0.24			0.09		
Avg Within Lab SD	0.04			0.02			0.03			0.13			0.04		
Labs Included	27			26			27			28			28		
Labs Reporting	30			30			30			31			30		



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	5.74	0.39	0.21	0.29	-0.59	0.65	0.72	-1.32	2.31	0.54	0.06	0.53	2.42	0.33	0.39
2ZLUXB	5.98	0.59	0.85	0.33	-0.20	0.32	0.98	0.80	0.00	0.57	0.35	0.65	2.02	-0.51	0.51
33TCV7	4.80	-0.36		0.21	-1.38		0.69	-1.53		0.50	-0.35		2.26	0.00	
43MGP7	5.76	0.41	1.55	0.35	0.00	0.59	0.89	0.08	1.31	0.52	-0.19	0.70	2.62	0.77	0.95
4A9CNN	5.79	0.44	0.02	0.27	-0.79	0.04	0.80	-0.60	0.03	0.51	-0.28	0.20	2.38	0.25	0.03
4JCNKH	5.25	0.00	0.34	0.34	-0.03	0.86	0.37	-4.08X	0.56	0.40	-1.35	1.44	2.02	-0.49	1.22
6BYXUK	4.50	-0.60	1.24	0.33	-0.13	1.62	0.80	-0.64	0.00	0.37	-1.62	1.61	2.17	-0.19	0.92
6WVT86	1.23	-3.21	0.16	0.41	0.64	0.48	1.02	1.13	0.25	0.56	0.24	0.34	2.75	1.04	0.20
7KGTBC	4.34	-0.73		0.73	3.85X		0.99	0.85		0.59	0.47		3.09	1.74	
7R3R2K	5.03	-0.17	0.48	0.23	-1.14	1.62	0.70	-1.47	0.14	0.38	-1.46	0.58	2.47	0.44	2.44
8224BJ	6.96	1.37	0.25	0.35	-0.01	0.82	0.83	-0.42	0.39	0.48	-0.57	0.16	2.42	0.35	1.27
8H7BPL	5.04	-0.16	0.17	0.33	-0.13	0.65	0.88	0.00	0.25	0.62	0.76	0.43	2.19	-0.15	0.30
8WPY24	4.63	-0.49	1.12	0.52	1.77	0.96	0.97	0.70	0.38	0.61	0.67	0.70	2.09	-0.36	0.70
AEJDEZ	5.25	0.00	0.70	0.51	1.61	3.08	0.93	0.38	0.76	0.60	0.64	2.38	2.11	-0.32	2.22
ANNKUZ	6.20	0.76	0.07	0.29	-0.62	0.18	0.88	-0.03	0.19	0.52	-0.20	0.52	2.26	0.00	0.43
AR7KAF	3.70	-1.24	1.09	0.40	0.54	0.00	0.83	-0.38	1.43	0.50	-0.35		1.92	-0.71	0.28
B8EY4H	10.33	4.07 X		0.38	0.37		0.77	-0.85		0.36	-1.67		1.94	-0.68	
CM3NE7	2.90	-1.88	0.41	0.37	0.20	1.62	0.60	-2.25	0.00	0.40	-1.30	0.00	1.17	-2.30	0.46
CTVT8A	3.51	-1.39	1.39	0.32	-0.23	0.65	0.76	-0.99	2.25	0.43	-1.05	1.86	1.77	-1.03	0.93
CXNRL6	5.10	-0.12	0.00	0.50	1.54		0.90	0.16	0.00	0.60	0.60	0.00	2.10	-0.33	0.00
DJ233T	5.98	0.59	0.25	0.36	0.17	0.32	0.89	0.11	0.52	0.44	-0.89	0.32	2.45	0.41	0.72
DJYCVB	3.35	-1.52	0.21	0.43	0.81	0.16	0.41	-3.78X	0.25	0.43	-1.02	0.00	1.83	-0.91	0.05
DULEE7	4.80	-0.36	0.07	0.42	0.75	0.38	0.98	0.77	0.45	0.62	0.79	0.37	1.96	-0.62	0.13
E9HTCE	5.48	0.19	0.23	0.21	-1.34	0.03	0.86	-0.18	0.62	0.53	-0.02	0.22	2.32	0.14	0.58
EPJUQX	5.24	0.00	0.14	0.31	-0.36	0.47	0.93	0.40	0.67	0.58	0.37	0.31	2.67	0.86	0.22
FA7LQU	4.99	-0.21	0.47	0.30	-0.44	0.16	0.82	-0.48	0.25	0.48	-0.51	0.43	2.29	0.07	0.28
G3K6BP	5.43	0.15	0.00	0.34	-0.07	0.00	0.77	-0.86	0.00	0.49	-0.42	0.00	1.91	-0.73	0.00



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GCV8WQ	5.25	0.00	0.32	0.66	3.16	2.98	0.96	0.64	2.39	0.78	2.32	1.45	2.07	-0.40	0.86
GU9RTU	6.00	0.60	0.12	0.45	1.04	0.40	0.88	0.00	0.70	0.56	0.22	0.40	2.70	0.93	0.23
HCNKU3	5.97	0.58	0.87	0.38	0.34	1.10	0.91	0.27	0.35	0.58	0.40	0.39	2.50	0.51	0.14
JYTM4	5.35	0.09	0.49	0.34	-0.04	0.70	0.87	-0.06	0.70	0.49	-0.45	1.32	2.35	0.20	0.20
KB6FBV	5.03	-0.17	1.93	0.29	-0.60	0.71	0.89	0.05	2.48	0.50	-0.38	0.85	2.59	0.70	0.63
KH6YB6	5.21	-0.03	3.36	0.56	2.18	2.15	0.91	0.21	0.14	0.60	0.60	1.01	1.87	-0.82	1.65
M8FTTR	5.86	0.49	2.86	0.37	0.23	0.56	0.90	0.13	1.41	0.54	0.00	1.13	2.54	0.60	1.22
MG4L43	5.59	0.27	0.10	0.33	-0.20	0.43	0.75	-1.05	0.65	0.52	-0.16	0.56	2.41	0.31	0.12
NJPMLV	5.80	0.44	0.00	0.36	0.17	1.06	0.91	0.24	0.50	0.54	0.00	0.16	2.60	0.72	0.00
NMN28Z	3.43	-1.45	0.86	0.57	2.22	1.62	0.87	-0.11	1.43	0.67	1.24	1.61	1.83	-0.89	0.46
NZRPYU	5.86	0.49	0.50	0.34	-0.08	0.28	0.86	-0.17	1.30	0.51	-0.23	1.11	2.53	0.58	1.23
PVCELQ	4.89	-0.29	0.00	0.34	-0.05	0.04	0.81	-0.57	0.02	0.55	0.08	0.08	2.20	-0.13	0.20
Q2V2U2	5.81	0.45	1.27	0.39	0.44	1.01	0.93	0.38	0.52	0.59	0.54	0.32	2.52	0.55	0.52
QM2CZP	5.55	0.25	0.32	0.30	-0.50	0.32	0.97	0.75	0.87	0.65	1.05	2.02	2.59	0.70	0.12
QUENQV	4.59	-0.53	0.17	0.41	0.67	0.43	0.90	0.19	0.62	0.57	0.32	0.28	1.76	-1.04	0.12
RMUPX2	6.59	1.07	1.03	0.37	0.26	0.55	1.01	1.02	1.16	0.62	0.84	0.41	2.81	1.16	0.51
RQVTPN	4.00	-1.00	3.12	0.30	-0.47	0.00	0.63	-1.98	1.43	0.40	-1.30	0.00	1.70	-1.17	4.99
RUV2UY	3.69	-1.25	0.93	0.32	-0.27	0.00	0.78	-0.78	2.65	0.46	-0.76	3.65	1.64	-1.31	0.47
UPAWBU	5.47	0.18	0.10	0.43	0.81	1.39	0.96	0.67	0.29	0.55	0.13	0.28	2.60	0.72	0.16
W3BAKQ	4.15	-0.88	0.21	0.24	-1.07	0.28	0.74	-1.13	0.25	0.46	-0.73	0.28	2.12	-0.29	0.08
W9FBHY	4.65	-0.48	0.53	0.33	-0.13	0.44	0.74	-1.13	0.47	0.49	-0.45	0.66	2.26	0.01	0.07
WDCWCM	6.18	0.75	0.29	0.95	6.08X	0.56	1.02	1.10	0.62	0.86	3.09X	0.74	2.03	-0.49	0.24
WMW7XV	6.53	1.02	0.32										2.67	0.86	0.16
XEL4CU	6.03	0.63	0.07	0.35	0.06	0.07	0.88	-0.03	0.10	0.56	0.19	0.05	2.36	0.21	0.04
XZYUQP	6.61	1.09	0.60	0.84	4.97X	0.28	0.83	-0.40	0.25	0.76	2.10	0.16	1.95	-0.65	0.08
YBJMGC	0.66	-3.67	0.02	0.39	0.40	0.32	1.28	3.19	0.38	0.69	1.43	0.43	0.22	-4.29	0.08
YBWGVQ	6.85	1.28	1.09				1.01	1.05	0.32				2.75	1.03	0.81



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZD26AG	4.81	-0.35	1.21	0.51	1.66	1.27	1.02	1.09	1.01	0.61	0.70	1.45	1.95	-0.65	0.08	
ZEVRQQ	5.26	0.01	0.31	0.49	1.48	0.21	0.88	0.00	0.42	0.63	0.90	0.10	2.19	-0.14	0.34	
Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median		5.25		0.35		0.88		0.54		2.26						
Median Abs Dev		0.61		0.04		0.08		0.06		0.28						
Avg Within Lab SD		0.24		0.04		0.04		0.04		0.13						
Labs Included		55		51		53		53		56						
Labs Reporting		56		54		55		54		56						



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	34.47	1.56	1.03	0.63	-0.50	0.66	164.50	1.28	0.02	24.96	0.96	0.57	149.62	0.98	0.69
2ZLUXB	26.95	0.90	0.85	0.78	-0.06	0.00	159.01	1.05	0.30	26.03	1.14	0.19	151.01	1.02	0.55
33TCV7	19.69	0.26		0.76	-0.12		105.70	-1.14		20.76	0.26		105.08	-0.28	
43MGP7	20.50	0.33	2.62	0.80	0.00	0.00	133.67	0.01	1.05	21.90	0.45	0.79	131.67	0.47	2.06
4A9CNN	16.96	0.02	0.06	0.72	-0.24	0.02	19.23	-4.69X	0.01	128.23	18.17X	0.29	120.63	0.16	0.06
4JCNKH	18.93	0.20	1.62	0.81	0.03	0.23	145.33	0.49	0.51	23.43	0.70	2.71	128.00	0.37	0.92
4VNWLP	5.49	-0.99					121.24	-0.50	5.88	30.94	1.95	1.22	241.88	3.60X	17.66
6BYXUK	5.23	-1.01	0.56	0.70	-0.30	0.00	134.00	0.03	0.26	14.50	-0.79	0.73	121.37	0.18	0.19
6WVT86	45.97	2.58	1.27	1.28	1.42	1.19	197.47	2.63	0.04	36.88	2.94	0.72	189.37	2.11	0.31
7KGTBC	10.02	-0.59		1.26	1.37		189.30	2.30		22.37	0.53		162.88	1.36	
7R3R2K	20.30	0.32	0.78	0.93	0.40	0.68	121.60	-0.48	0.19	18.57	-0.11	0.82	115.40	0.01	0.39
8224BJ	24.72	0.71	1.15	0.68	-0.37	0.42	41.79	-3.76X	0.07	41.00	3.63X	0.69	115.70	0.02	0.87
8H7BPL	22.87	0.54	0.01	0.57	-0.69	0.12	88.98	-1.82	0.02	16.98	-0.37	0.04	83.99	-0.88	0.02
8WPY24	9.82	-0.61	0.28	1.06	0.79	0.30	119.33	-0.58	0.51	17.67	-0.26	0.66	84.30	-0.87	0.79
AEJDEZ	13.67	-0.27	1.50	1.78	2.94	4.86	143.67	0.42	1.46	19.20	0.00	0.94	107.37	-0.22	3.90
ANNKUZ	29.45	1.12	0.04	0.85	0.14	0.06	154.75	0.88	0.18	27.52	1.38	0.12	155.24	1.14	0.35
B8EY4H	407.26	34.43X		3.16	7.04X		131.04	-0.10		12.20	-1.17		191.92	2.18	
CM3NE7	16.00	-0.06	1.11	2.00	3.58		114.33	-0.78	0.07	24.00	0.80	1.20	75.33	-1.13	0.13
CTVT8A	10.13	-0.58	1.18	0.95	0.46	1.20	132.33	-0.04	0.63	17.23	-0.33	2.37	96.50	-0.52	1.16
CXNRL6	10.40	-0.56	1.06	1.33	1.59	0.68	142.27	0.36	0.43	21.40	0.36	0.36	95.50	-0.55	0.19
DJ233T	19.27	0.23	0.21	0.73	-0.20	0.49	133.38	0.00	0.13	21.13	0.32	0.36	134.99	0.57	1.70
DJYCVB	12.03	-0.41	0.01	1.07	0.82	0.18	53.36	-3.29X	0.07	14.61	-0.77	0.31	76.02	-1.11	0.17
DULEE7	23.20	0.57	0.18	1.14	1.02	0.46	140.42	0.29	1.48	19.24	0.00	1.97	72.67	-1.20	2.52
E9HTCE	23.60	0.61	0.42	0.54	-0.78	0.14	149.72	0.67	0.53	25.26	1.01	0.01	140.14	0.71	0.21
EPJUQX	15.80	-0.08	0.08	0.72	-0.24	0.09	141.60	0.34	0.14	21.90	0.45	0.33	133.64	0.53	0.04
FA7LQU	14.78	-0.17	0.26	0.78	-0.06	0.21	127.01	-0.26	0.23	19.38	0.03	0.20	117.24	0.06	0.27
G3K6BP	21.60	0.43	0.00	0.61	-0.58	0.00	105.00	-1.17		17.50	-0.29		100.00	-0.43	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GCV8WQ	6.43	-0.91	0.13	1.35	1.64	2.06	110.77	-0.93	0.22	17.90	-0.22	0.52	79.33	-1.01	0.17
GU9RTU	23.75	0.62	0.08	0.70	-0.30	0.00	133.35	0.00	0.04	18.35	-0.14	0.09	129.65	0.42	0.11
HCNKU3	29.08	1.09	1.34	0.77	-0.10	1.90	145.54	0.50	0.40	21.67	0.41	0.82	127.74	0.36	0.34
JYTM4	21.73	0.44	0.46	1.01	0.63	0.72	138.33	0.20	0.15	21.17	0.32	1.19	124.33	0.26	0.13
KB6FBV	6.44	-0.91	0.51	0.73	-0.22	0.30	129.67	-0.15	0.44	14.07	-0.86	0.30	115.00	0.00	0.61
KH6YB6	4.74	-1.06	0.62	1.17	1.11	0.45	124.12	-0.38	0.43	15.08	-0.69	0.60	80.54	-0.98	0.87
M8FTTR	25.27	0.75	3.84	0.98	0.54	0.95	150.00	0.68	0.98	23.33	0.69	1.29	133.00	0.51	0.69
MG4L43	12.30	-0.39	0.33	0.08	-2.15	0.00	135.20	0.07	0.70	19.17	-0.01	0.46	141.40	0.75	0.14
NJPMLV	26.67	0.88	1.28	0.88	0.24	1.25	143.33	0.41	0.73	23.67	0.74	2.50	130.00	0.43	2.30
NMN28Z	4.33	-1.09	0.28	0.67	-0.40	0.68	117.67	-0.64	0.15	15.67	-0.59	0.07	100.90	-0.40	0.72
NZRPYU	8.97	-0.68	0.15	0.92	0.36	0.52	100.90	-1.33	0.61	16.69	-0.42	1.47	108.60	-0.18	1.37
PVCELQ	21.15	0.39	0.01	0.59	-0.64	0.01	95.46	-1.56	0.03	17.11	-0.35	0.03	90.17	-0.70	0.00
Q2V2U2	26.97	0.90	1.59	0.70	-0.29	0.18	141.42	0.33	0.18	24.13	0.82	0.86	130.86	0.45	1.00
QM2CZP	20.26	0.31	0.49	0.69	-0.33	0.31	158.11	1.02	0.55	24.95	0.96	0.39	149.34	0.97	1.27
QUENQV	14.37	-0.21	0.13	1.16	1.08	0.65	136.63	0.13	0.26	16.33	-0.48	0.14	95.50	-0.55	0.40
RMUPX2	7.63	-0.80	0.28	0.90	0.31	0.08	18.29	-4.73X	0.00	5.17	-2.34	0.91	18.36	-2.74X	0.00
RQVTPN	4.50	-1.08	0.89	0.57	-0.70	0.68	169.13	1.47	0.16	13.27	-0.99	1.12	120.97	0.17	0.93
RUV2UY	5.30	-1.01	0.29	1.03	0.70	1.37	146.53	0.54	0.59	14.97	-0.71	1.20	92.47	-0.64	0.36
UPAWBU	18.60	0.17	1.57	0.80	0.00	0.00	126.87	-0.27	0.89	20.57	0.22	0.93	110.47	-0.13	0.87
W3BAKQ	4.31	-1.09	0.03	0.77	-0.09	0.12	130.33	-0.12	0.19	15.07	-0.69	0.18	112.00	-0.09	0.23
W9FBHY	13.47	-0.29	0.63	0.72	-0.24	0.71	118.02	-0.63	0.18	17.10	-0.35	1.42	110.98	-0.11	0.65
WDCWCM	5.22	-1.01	0.11	1.11	0.93	0.31	115.84	-0.72	0.32	13.88	-0.89	0.35	77.83	-1.05	0.11
WMW7XV	41.90	2.22	0.74							30.63	1.90	0.52			
XEL4CU	26.37	0.85	0.14	0.57	-0.69	0.03	75.72	-2.37	0.01	17.08	-0.36	0.04	75.49	-1.12	0.02
XZYUQP	5.11	-1.02	0.56	1.22	1.25	0.52	109.35	-0.99	0.29	14.32	-0.82	0.19	75.35	-1.12	0.21
YBJMGC	15.62	-0.10	1.18	0.66	-0.42	0.21	135.67	0.09	0.12	24.76	0.92	0.52	13.55	-2.88	0.05
YBWGVQ	21.09	0.39	1.08	0.79	-0.04	1.04	140.37	0.29	0.62	22.37	0.52	1.39	137.38	0.63	0.89



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZD26AG	16.72	0.00	1.06	1.01	0.64	1.43	131.99	-0.06	0.31	20.54	0.22	1.60	98.69	-0.46	0.13	
ZEVRQQ	8.47	-0.73	0.05	1.15	1.04	1.56	111.49	-0.90	0.07	16.66	-0.43	0.09	104.64	-0.29	0.17	
Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	16.7			0.80			133.4			19.2			115.0			
Median Abs Dev	6.9			0.15			12.1			3.2			18.6			
Avg Within Lab SD	0.9			0.08			8.0			0.8			4.4			
Labs Included	55			53			51			54			53			
Labs Reporting	56			54			55			56			55			



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	20.98	1.29	0.38	5.80	-0.20	0.26	64.32	1.22	0.21	10.97	0.43	0.22	141.66	0.74	0.96
2ZLUXB	16.30	0.35	1.19	5.27	-0.42	0.10	48.30	-0.10	0.30	10.39	0.15	0.40	131.40	0.42	0.54
33TCV7	14.33	-0.05		6.07	-0.09		51.04	0.13		10.20	0.06		153.52	1.10	
43MGP7	17.67	0.62	3.01	7.03	0.31	0.49	58.07	0.71	1.09	9.86	-0.10	0.52	140.33	0.70	1.79
4A9CNN	16.31	0.35	0.55	5.53	-0.32	0.65	50.73	0.10	0.73	10.38	0.15	1.23	129.26	0.36	0.62
4JCNKH	13.50	-0.21	1.09	6.54	0.11	0.98	51.53	0.17	1.19	9.66	-0.19	1.60	131.33	0.42	1.89
6BYXUK	9.00	-1.11		5.67	-0.26	0.92	37.00	-1.03	0.56	6.00	-1.93		84.67	-1.01	0.83
6WVT86	22.19	1.53	0.09	9.06	1.16	0.54	74.69	2.08	0.43	9.55	-0.25	0.22	188.70	2.18	0.62
7KGTBC	22.96	1.68		15.11	3.69X		46.00	-0.29		11.93	0.88		249.30	4.04X	
7R3R2K	15.97	0.28	0.60	5.37	-0.38	0.75	49.30	-0.01	0.67	6.53	-1.68	0.42	138.23	0.63	0.54
8224BJ	31.80	3.45X	0.15	3.65	-1.10	0.57	22.84	-2.19	0.19	20.25	4.83X	2.24	166.31	1.49	0.99
8H7BPL	11.96	-0.52	0.04	5.37	-0.38	0.02	45.04	-0.36	0.03	10.10	0.02	0.03	91.24	-0.81	0.01
8WPY24	14.83	0.05	1.66	12.23	2.49	0.88	61.80	1.02	1.26	13.27	1.52	0.51	114.33	-0.10	0.50
AEJDEZ	15.37	0.16	1.52	7.49	0.50	0.95	52.87	0.28	1.24	11.40	0.63	0.81	116.00	-0.05	2.95
ANNKUZ	21.21	1.33	0.22	5.28	-0.42	0.03	62.82	1.10	0.05	10.28	0.10	0.01	174.46	1.74	0.40
AR7KAF	9.57	-1.00	1.49	4.50	-0.74	0.16	37.18	-1.01	0.46	6.33	-1.77	0.12	95.83	-0.67	0.82
B8EY4H	41.22	5.34X		7.21	0.39		30.33	-1.58		0.95	-4.32X		47.89	-2.14	
CM3NE7	13.33	-0.25	0.84	9.00	1.14		61.00	0.95		16.00	2.81X		108.00	-0.30	0.20
CTVT8A	8.40	-1.24	0.88	4.33	-0.81	0.66	42.23	-0.60	2.01	7.47	-1.23	2.18	90.43	-0.84	0.87
CXNRL6	14.37	-0.04	0.42	7.90	0.68	0.16	55.73	0.52	0.18	10.57	0.24	0.12	117.13	-0.02	0.06
DJ233T	16.46	0.38	0.38	5.48	-0.33	0.26	41.04	-0.69	0.70	6.05	-1.91	0.41	126.46	0.27	0.35
DJYCVB	10.50	-0.81	0.60	8.33	0.86	0.16	24.17	-2.09	0.04	7.85	-1.05	0.09	131.77	0.43	0.76
DULEE7	14.49	-0.01	0.57	6.90	0.26	0.20	49.91	0.04	2.64	9.37	-0.33	0.87	83.36	-1.05	2.07
E9HTCE	13.37	-0.24	0.36	4.39	-0.79	0.12	50.80	0.11	0.08	11.56	0.71	0.20	112.43	-0.16	0.47
EPJUQX	13.23	-0.27	0.35	5.81	-0.20	0.26	58.14	0.71	0.77	10.03	-0.02	0.39	126.70	0.28	0.67
FA7LQU	11.88	-0.54	0.16	5.17	-0.47	0.22	47.05	-0.20	0.23	8.33	-0.82	0.19	105.52	-0.37	0.34
G3K6BP	23.60	1.81	0.00	7.78	0.63	0.00	62.60	1.08	0.00	10.20	0.06	0.00	119.00	0.04	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GCV8WQ	12.87	-0.34	0.71	13.50	3.02X	0.69	41.07	-0.69	0.36	11.73	0.79	0.23	95.57	-0.68	0.50
GU9RTU	19.30	0.95	0.20	5.50	-0.33		50.10	0.05	1.34	10.55	0.23	0.14	145.90	0.87	0.11
HCNKU3	17.94	0.68	0.86	6.30	0.01	0.87	54.26	0.40	0.03	11.89	0.87	0.38	136.39	0.58	2.38
JYTTM4	15.17	0.12	1.31	10.56	1.79	2.57	52.77	0.27	1.51	9.99	-0.04	0.93	117.67	0.00	0.61
KB6FBV	10.80	-0.75	1.29	4.58	-0.71	0.52	46.97	-0.21	1.04	9.02	-0.50	0.61	108.67	-0.28	0.70
KH6YB6	10.98	-0.72	1.16	15.01	3.65X	2.78	45.87	-0.30	1.34	9.18	-0.42	4.19	104.29	-0.41	0.80
M8FTTR	15.50	0.19	1.96	7.43	0.48	0.82	56.50	0.58	0.84	10.20	0.06	0.73	123.33	0.17	0.98
MG4L43	17.00	0.49		6.67	0.16	0.92	46.00	-0.29	1.11	11.67	0.76	1.18	130.67	0.40	0.50
NJPMLV	17.67	0.62	0.84	7.63	0.57	4.76	57.67	0.68	1.16	11.00	0.44		126.67	0.28	1.15
NMN28Z	8.70	-1.18	0.29	6.83	0.23	0.51	39.80	-0.80	0.55	6.27	-1.80	0.12	89.33	-0.87	0.69
NZRPYU	14.81	0.05	0.48	5.95	-0.14	0.32	41.52	-0.65	1.83	8.85	-0.58	0.16	106.17	-0.35	0.32
PVCELQ	10.34	-0.85	0.03	4.76	-0.64	0.04	38.39	-0.91	0.05	8.81	-0.59	0.02	93.49	-0.74	0.04
Q2V2U2	14.72	0.03	0.46	4.98	-0.54	0.18	52.36	0.24	0.93	9.79	-0.13	0.77	123.90	0.19	0.84
QM2CZP	13.73	-0.17	0.14	4.83	-0.61	1.79	54.57	0.42	0.19	10.80	0.35	0.22	126.13	0.26	0.35
QUENQV	13.93	-0.13	0.30	10.73	1.86	0.40	49.47	0.00	1.13	10.73	0.32	1.16	91.87	-0.79	0.34
RMUPX2	17.74	0.64	0.53	6.14	-0.06	0.18	70.60	1.74	0.21	11.52	0.69	0.91	68.38	-1.51	0.32
RQVTPN	6.33	-1.65	0.84	4.10	-0.91	0.42	31.63	-1.47	2.59	6.33	-1.77	2.35	130.30	0.39	0.37
RUV2UY	8.20	-1.28	0.50	7.33	0.44	1.04	45.17	-0.35	0.73	8.27	-0.85	0.47	84.33	-1.02	0.12
UPAWBU	17.93	0.68	2.80	7.70	0.59	0.99	59.40	0.82	1.87	11.07	0.47	1.63	158.73	1.26	0.47
W3BAKQ	8.47	-1.22	0.24	5.72	-0.24	0.33	38.30	-0.92	0.11	6.75	-1.57	0.27	86.50	-0.96	0.06
W9FBHY	9.94	-0.93	0.67	4.42	-0.78	0.38	34.31	-1.25	0.42	7.06	-1.43	0.47	105.68	-0.37	0.35
WDCWCM	9.49	-1.02	0.07	13.22	2.90	0.41	42.93	-0.54	0.70	9.16	-0.43	0.19	100.95	-0.51	0.26
XEL4CU	23.59	1.81	0.05	6.59	0.13	0.04	57.60	0.67	0.05	11.29	0.58	0.06	169.36	1.59	0.02
XZYOUQP	10.83	-0.75	0.63	12.48	2.59	0.47	40.52	-0.74	1.21	8.97	-0.52	0.51	103.66	-0.43	0.41
YBJMGC	15.48	0.18	0.51	6.26	-0.01	0.19	50.65	0.10	0.59	6.98	-1.46	0.45	14.55	-3.17X	0.02
YBWGVQ	24.73	2.04	1.42	7.27	0.41	0.91	57.91	0.70	1.21	11.06	0.47	1.24	181.47	1.96	3.06
ZD26AG	14.56	0.00	1.69	7.42	0.48	0.97	46.53	-0.24	0.46	10.37	0.14	0.85	101.12	-0.51	1.12



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups															Data units: mg/kg	
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZEVRQQ	15.53	0.19	0.33	11.11	2.02	1.26	40.88	-0.71	0.29	11.33	0.60	1.05	118.74	0.03	0.10	
Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups															Data units: mg/kg	
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515
Grand Median	14.6			6.28			49.5			10.1			117.7			
Median Abs Dev	3.1			1.13			7.9			1.1			16.5			
Avg Within Lab SD	0.7			0.63			1.8			0.5			5.0			
Labs Included	53			52			55			52			53			
Labs Reporting	55			55			55			55			55			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	1.852	-0.35	0.54	0.098	0.30	2.03	1.384	0.15	2.38	1.111	0.63	1.08	2.378	1.11	0.09
2ZLUXB	2.540	1.07	3.14	0.027	-1.14	0.68	1.560	0.82	1.12	1.203	1.10	0.80	2.413	1.19	0.45
33TCV7	1.880	-0.29		0.050	-0.67		1.260	-0.33		0.980	-0.04		2.050	0.42	
43MGP7	2.370	0.72	1.81	0.070	-0.27	0.00	1.473	0.49	1.76	1.040	0.26	0.78	2.440	1.24	0.77
4A9CNN	1.909	-0.23	0.72				1.181	-0.63	0.40	0.820	-0.86	0.66	1.823	-0.07	0.32
4JCNKH	1.777	-0.51	0.43	0.060	-0.47	0.00	0.786	-2.14	1.32	0.772	-1.11	0.71	2.123	0.57	1.68
6BYXUK	1.533	-1.01	0.59	0.100	0.33	0.00	1.100	-0.94	0.00	0.700	-1.48	0.00	1.533	-0.68	0.52
6WVT86	2.683	1.36	0.24	0.070	-0.27	0.15	1.773	1.64	0.24	1.253	1.36	0.20	2.757	1.91	0.14
7KGTBC	1.832	-0.39		0.255	3.45X		1.431	0.33		1.035	0.24		2.502	1.37	
7R3R2K	2.233	0.44	0.59	0.027	-1.14	0.34	1.400	0.21	0.21	0.900	-0.45	0.17	2.100	0.52	0.90
8224BJ	2.377	0.73	0.69	0.083	0.00	1.35	1.417	0.27	0.24	0.817	-0.88	0.43	2.407	1.17	0.41
8H7BPL	1.860	-0.34	0.18	0.113	0.60	0.34	1.280	-0.25	0.21	0.910	-0.40	0.17	1.780	-0.16	0.09
8WPY24	1.803	-0.45	0.57	0.085	0.03	0.71	1.597	0.96	0.65	1.083	0.49	0.60	1.650	-0.43	0.63
AEJDEZ	2.043	0.04	0.76	0.123	0.80	2.22	1.493	0.57	2.13	1.083	0.49	0.69	1.883	0.06	2.42
ANNKUZ	2.545	1.08	0.17	0.050	-0.66	0.21	1.560	0.82	0.08	1.120	0.67	0.08	2.611	1.60	0.15
AR7KAF	1.620	-0.83	1.35	0.133	1.00	3.38	1.367	0.08	1.22	0.967	-0.11	2.59	1.853	0.00	0.51
B8EY4H	1.770	-0.52		0.043	-0.82		0.686	-2.52		0.254	-3.76X		0.858	-2.11	
CM3NE7	1.400	-1.28	0.00	0.200	2.34	0.00	1.267	-0.30	1.22	1.067	0.40	0.98	1.367	-1.03	0.52
CTVT8A	1.363	-1.36	1.54	0.057	-0.54	1.47	1.250	-0.37	3.62	0.887	-0.52	4.92	1.457	-0.84	1.19
CXNRL6	1.800	-0.46	0.00	0.100	0.33	0.00	1.367	0.08	1.22	1.000	0.06		1.633	-0.47	0.52
DJ233T	1.690	-0.69	0.37	0.033	-1.00	0.34	1.003	-1.31	0.32	0.630	-1.84	0.29	1.760	-0.20	0.45
DJYCVB	1.390	-1.31	0.21	0.102	0.37	0.70	0.486	-3.29X	0.19	0.770	-1.12	0.30	1.470	-0.81	0.16
DULEE7	1.710	-0.64	0.93	0.048	-0.70	0.05	1.282	-0.24	1.40	0.872	-0.60	0.59	1.201	-1.38	0.59
E9HTCE	2.080	0.12	0.59	0.005	-1.57	0.08	1.493	0.56	0.27	1.078	0.46	0.10	2.071	0.46	0.20
ELKG49	3.118	2.26	1.19	0.109	0.52	0.45	1.033	-1.20	0.68	1.457	2.40	0.48	1.928	0.16	0.71
EPJUQX	2.008	-0.03	0.46				1.427	0.31	0.41	1.032	0.22	0.51	2.212	0.76	0.30
FA7LQU	2.040	0.04	2.25	0.117	0.67	0.90	1.387	0.16	0.12	0.920	-0.35	0.17	1.850	-0.01	0.31



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
G3K6BP	2.210	0.39	0.00				1.360	0.06	0.00				1.810	-0.09	0.00
GCV8WQ	2.410	0.80	0.47	0.187	2.08	0.34	0.923	-1.62	0.49	1.337	1.78	0.35	1.477	-0.80	0.46
GU9RTU	3.210	2.45	1.02	0.665	11.69X	5.39	1.855	1.95	0.15	1.420	2.21	0.00	3.555	3.60X	0.45
HCNKU3	2.300	0.57	0.93	0.058	-0.50	2.54	1.352	0.02	0.48	0.974	-0.07	0.34	1.850	-0.01	0.60
JYTTM4	2.037	0.03	0.69	0.064	-0.40	0.09	1.397	0.20	1.00	0.925	-0.32	0.38	1.903	0.11	0.36
KB6FBV	1.823	-0.41	1.07	0.037	-0.94	0.34	1.303	-0.16	0.88	0.860	-0.66	0.29	2.087	0.49	1.64
KH6YB6	2.267	0.50	1.76	0.123	0.80	1.88	1.080	-1.02	0.56	1.250	1.34	1.93	1.643	-0.44	0.76
M8FTTR	2.213	0.39	0.59				1.463	0.45	0.53	0.997	0.04	0.26	2.057	0.43	0.23
MG4L43	2.050	0.06	0.37	0.047	-0.74	0.34	1.123	-0.85	0.74	0.887	-0.52	0.26	1.887	0.07	0.23
NJPMLV	2.267	0.50	0.59	0.053	-0.60	0.90	1.467	0.46	1.22	1.067	0.40	0.98	2.133	0.59	0.52
NMN28Z	1.400	-1.28	1.03	0.100	0.33	0.00	1.200	-0.56	0.00	0.900	-0.45	0.00	1.400	-0.96	0.00
NZRPYU	2.244	0.46	0.18	0.066	-0.34	0.13	1.442	0.37	0.33	1.045	0.29	0.04	2.038	0.39	0.09
PVCELQ	1.887	-0.28	0.13	0.092	0.18	0.10	1.259	-0.33	0.08	0.935	-0.28	0.01	1.847	-0.01	0.10
Q2V2U2	1.887	-0.28	1.17	0.043	-0.80	0.34	1.287	-0.22	0.80	0.943	-0.23	0.39	1.857	0.01	0.53
QM2CZP	2.123	0.21	0.36				1.453	0.41	0.68	0.983	-0.03	0.35	2.053	0.42	0.23
QUENQV	1.830	-0.40	0.27	0.073	-0.20	0.34	1.290	-0.21	0.21	0.967	-0.11	0.43	1.373	-1.02	0.28
RMUPX2	117.236	237.77	X 086.22	0.136	1.05	0.29	0.234	-4.25X	0.16	0.174	-4.17X	0.10	0.326	-3.23X	0.07
RQVTPN	1.233	-1.63	2.15	0.033	-1.00	0.34	1.167	-0.68	1.22	0.567	-2.16	0.98	1.633	-0.47	5.29
RUV2UY	1.427	-1.23	0.59	0.037	-0.94	0.90	1.263	-0.31	1.17	0.803	-0.95	0.77	1.323	-1.12	0.34
UPAWBU	2.553	1.10	0.59	0.097	0.27	0.34	1.457	0.43	1.50	1.023	0.18	0.39	2.443	1.25	0.90
W3BAKQ	1.580	-0.91	0.27	0.080	-0.07	0.59	1.140	-0.79	0.21	0.737	-1.29	0.26	1.653	-0.42	0.34
W9FBHY	1.777	-0.51	0.65	0.091	0.16	1.63	1.318	-0.10	0.21	0.807	-0.93	0.86	1.658	-0.41	0.11
WDCWCM	2.183	0.33	1.54	0.157	1.47	0.68	0.987	-1.37	0.65	1.190	1.03	0.45	1.350	-1.07	0.33
WMW7XV	2.677	1.35	0.86				1.670	1.24	0.21	1.250	1.34	1.48	2.353	1.06	0.05
XEL4CU	2.117	0.19	0.26	0.095	0.23	0.12	1.345	0.00	0.10	1.001	0.07	0.05	2.200	0.73	0.09
XZYUQP	1.883	-0.29	0.26	0.113	0.60	0.34	0.903	-1.69	0.12	1.123	0.69	0.39	1.483	-0.78	0.26
YBJMGC	2.343	0.66	0.16				1.643	1.14	0.12	1.007	0.09	0.20	2.393	1.14	0.10



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
YBWGVQ	2.608	1.21	1.14				1.493	0.57	1.39	1.027	0.20	0.87	2.530	1.43	1.48
ZD26AG	1.850	-0.36	1.81	0.143	1.21	1.22	1.290	-0.21	0.84	0.949	-0.20	1.42	1.647	-0.44	0.99
ZEVRQQ	2.237	0.44	0.66	0.093	0.19	0.24	0.832	-1.97	0.14	0.994	0.03	0.14	1.751	-0.22	0.20
Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	2.02			0.083			1.35			0.99			1.85		
Median Abs Dev	0.24			0.030			0.12			0.09			0.25		
Avg Within Lab SD	0.10			0.017			0.05			0.06			0.11		
Labs Included	56			47			55			54			55		
Labs Reporting	57			49			57			56			57		



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2511					SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
33TCV7	14.94			0.67			1.20			0.06			3.44				
ELKG49	13.32		1.21	1.07		1.41	1.26		1.40	1.28		0.97	3.66		1.41		
KB6FBV	0.30		0.73	0.10		0.00	0.13		0.22	1.57		1.03	0.09		0.08		
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2511					SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	13.3			0.67			1.20			1.28			3.44				
Median Abs Dev																	
Avg Within Lab SD	0.0			0.06			0.04			0.03			0.07				
Labs Included	3			3			3			3			3				
Labs Reporting	3			3			3			3			3				



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Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
ELKG49	238.53		1.00	5.60		1.00	100.85		1.00	109.39		1.00	115.45		1.00		
Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	238.5			5.60			100.8			109.4			115.4				
Median Abs Dev																	
Avg Within Lab SD	1.0			0.55			1.8			1.5			1.9				
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
AEJDEZ	4.3	-0.26	1.99	16.7	-0.11	0.28	3.0	-0.99	0.98	10.0	0.28	1.72	9.3	-0.15	1.62
B8EY4H	22.3	6.90	X	30.3	2.06		24.8	6.66	X	52.6	13.04	X	65.5	22.05	X
KH6YB6	7.3	0.95	0.54	18.0	0.09	0.31	6.0	0.06	0.75	11.7	0.80	0.70	13.0	1.30	0.06
M8FTTR	3.0	-0.74	0.81	11.0	-1.03	0.18				7.2	-0.56	0.72	8.9	-0.29	0.99
MG4L43	6.1	0.47	0.18	15.8	-0.26	0.04	2.4	-1.18	0.19	8.4	-0.20	0.19	10.7	0.39	0.12
NMN28Z	4.4	-0.21	0.44	18.2	0.13	0.05	4.5	-0.45	0.04	10.6	0.45	0.10	8.7	-0.39	0.11
NZRPYU	3.5	-0.56	0.27	23.2	0.92	0.17	9.5	1.28	0.20	9.7	0.20	0.80	9.6	-0.04	0.42
QUENQV	1.7	-1.29	0.52	15.3	-0.34	0.12	1.8	-1.39	0.27	6.8	-0.67	0.27	7.7	-0.79	0.60
RUV2UY	5.4	0.21	0.52	29.0	1.85	3.11	6.0	0.06	2.54	13.5	1.32	2.10	13.8	1.63	2.25
YXQ4ZL	7.2	0.91	1.98	13.5	-0.63	0.17	5.8	0.00	0.65	7.9	-0.34	0.23	9.8	0.04	0.13
ZEVRQQ	7.8	1.15	0.56	17.4	0.00	0.11	7.7	0.66	0.68	2.6	-1.93	0.90	14.0	1.73	0.87
CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	4.91			17.4			5.80			9.06			9.67		
Median Abs Dev	1.65			2.1			1.89			1.68			0.99		
Avg Within Lab SD	0.55			4.8			1.07			1.05			0.97		
Labs Included	10			11			9			10			10		
Labs Reporting	11			11			10			11			11		



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

Data units: mg/kg

WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2Z7BDD	0.41	0.43	1.55	0.11	-0.15	0.51	0.37	0.43	0.84	1.66	0.68	0.24	0.38	0.48	1.04
33TCV7	0.31	-0.16		0.10	-0.26		0.15	-0.83		0.92	-0.23		0.39	0.52	
4VNWLP	0.16	-1.00	0.58	0.07	-0.68	1.33	0.10	-1.10	0.17	0.44	-0.83	0.13	0.11	-1.10	0.36
8H7BPL	0.18	-0.90	0.02	0.10	-0.27	0.07	0.06	-1.35	0.04	0.70	-0.51	0.01	0.11	-1.07	0.06
8WPY24	0.26	-0.43	0.29	0.20	1.16	1.33	0.32	0.15	0.17	0.76	-0.42	0.55	0.50	1.17	1.40
B8EY4H	0.30	-0.24		0.12	0.00		0.32	0.16		1.11	0.00		0.28	-0.12	
CM3NE7	0.37	0.16	1.09	0.20	1.16	0.00	0.50	1.21	2.92	1.20	0.12	1.28	0.47	0.96	1.79
DJ233T	0.29	-0.28	1.18	0.05	-0.92	0.38	0.27	-0.15	0.17	0.87	-0.29	0.55	0.20	-0.55	0.36
DULEE7	0.42	0.45	0.36	0.20	1.11	1.01	0.41	0.66	0.10	1.22	0.15	0.36	0.34	0.22	0.05
EKPX38	0.24	-0.59	1.59	0.07	-0.73	0.38	0.16	-0.77	1.33	0.83	-0.35	0.72	0.11	-1.08	1.03
ELKG49	0.60	1.50	0.51	0.11	-0.05	1.12	0.22	-0.44	0.41	2.01	1.12	0.24	0.22	-0.45	0.27
FA7LQU	0.39	0.31	0.22	0.11	-0.16	0.38	0.26	-0.20	0.17	0.99	-0.14	0.32	0.30	0.01	0.31
FXRLUZ	0.41	0.43	1.36				0.40	0.64	1.13	1.16	0.07	1.09	0.45	0.84	0.45
G3K6BP	0.30	-0.22	0.00							0.99	-0.14	0.00			
GCV8WQ	0.48	0.83	0.76	0.23	1.64	3.15	0.22	-0.40	0.67	2.52	1.75	0.94	0.21	-0.49	2.64
HCNKU3	0.21	-0.71	0.42	0.07	-0.68	0.87	0.20	-0.52	0.89	0.93	-0.21	0.37	0.20	-0.57	0.37
NJPMLV	0.65	1.76	0.48	0.17	0.74	0.67	0.50	1.19	1.44	2.46	1.68	3.60	0.54	1.36	0.47
PVCELQ	0.19	-0.83	0.02	0.06	-0.83	0.08	0.09	-1.20	0.04	0.43	-0.84	0.01	0.12	-1.03	0.02
VZQ3MN	0.60	1.47	0.16	0.18	0.83	0.08	0.47	1.04	0.16	1.78	0.84	0.01	0.30	-0.01	0.12
WDCWCM	0.39	0.31	0.11	0.15	0.40	0.77	0.18	-0.67	0.17	2.19	1.35	0.20	0.14	-0.89	0.36
WHNKCJ	0.29	-0.26	0.11	0.18	0.93	0.38	0.37	0.46	0.29	0.67	-0.54	0.04	0.37	0.39	0.18
XEL4CU	0.23	-0.64	0.03	0.06	-0.77	0.04	0.17	-0.73	0.03	0.54	-0.70	0.01	0.16	-0.82	0.05
XJE7HF	0.45	0.66	1.16	0.13	0.21	0.77	0.37	0.44	1.47	1.19	0.11	1.49	0.45	0.85	0.36
YBWGVQ	0.62	1.63	3.06	0.14	0.29	1.17	0.51	1.28	1.86	2.21	1.37	1.14	0.50	1.15	2.51
ZEVRQQ	1.07	4.15 X	0.58	0.23	1.53	0.82	0.32	0.17	0.59	3.08	2.44	1.08	0.31	0.06	0.29



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups					Data units: mg/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	0.34	0.12	0.29	1.11	0.30
Median Abs Dev	0.09	0.05	0.11	0.41	0.12
Avg Within Lab SD	0.05	0.02	0.03	0.16	0.03
Labs Included	24	23	24	25	24
Labs Reporting	25	23	24	25	24



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6BYXUK	0.23	-0.54	0.34	0.10	0.12	0.00	0.17	0.00	0.48	1.41	-0.66	0.35	0.20	0.73	0.49	
AEJDEZ	0.30	0.64	0.24	0.08	-0.20	1.35	0.18	0.08	2.90	1.80	0.73	1.15	0.14	0.00	0.52	
CXNRL6	0.30	0.59	0.00	0.20	1.86	0.00	0.20	0.39	0.00	0.90	-2.49	0.00	0.20	0.69	0.00	
KH6YB6	0.26	-0.08	0.90	0.12	0.46	1.98	0.14	-0.44	0.48	1.59	0.00	1.10	0.08	-0.77	0.66	
MG4L43	0.33	1.10	0.34	0.06	-0.58	0.75	0.11	-0.99	0.24	1.75	0.55	0.36	0.09	-0.57	0.18	
NMN28Z	0.23	-0.51	0.24	0.12	0.50	0.26	0.20	0.36	0.14	1.36	-0.84	0.94	0.25	1.32	0.10	
NZRPYU	0.33	1.04	0.22	0.06	-0.56	0.37	0.18	0.13	0.14	1.61	0.06	0.21	0.27	1.50	0.31	
QUENQV	0.27	0.08	1.36	0.09	0.00	1.14	0.12	-0.84	0.63	1.72	0.46	0.46	0.09	-0.61	0.55	
RQVTPN	0.14	-1.92	2.37	0.02	-1.33	0.43	0.08	-1.33	1.32	1.10	-1.77	2.16	0.20	0.69	3.18	
RUV2UY	0.19	-1.05	1.79	0.06	-0.58	1.98	0.19	0.30	0.86	1.50	-0.32	1.25	0.19	0.62	0.66	
W3BAKQ	0.21	-0.85	0.90	0.06	-0.58	0.75	0.10	-1.08	0.41	1.41	-0.66	0.17	0.06	-0.96	0.32	
XZYUQP	0.29	0.38	0.34	0.17	1.39	0.43	0.02	-2.32	0.48	1.65	0.20	0.00	0.13	-0.13	0.32	
ZD26AG	0.26	0.00	0.45	0.13	0.61	0.55	0.21	0.51	0.87	1.60	0.02	1.69	0.13	-0.17	0.91	
B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median		0.26		0.09		0.17		1.59		0.14						
Median Abs Dev		0.04		0.03		0.03		0.15		0.06						
Avg Within Lab SD		0.02		0.01		0.02		0.06		0.03						
Labs Included		13		13		13		13		13						
Labs Reporting		13		13		13		13		13						



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ZLUXB	0.120	-0.16	0.00	0.010	0.00	0.00	0.160	-0.26	0.00	0.220	0.00	0.00	0.240	-0.07	0.00	
43MGP7	0.110	-1.12	2.33	0.010	0.00	0.00	0.150	-1.24	2.85	0.190	-1.59	2.82	0.220	-0.93	2.26	
6WVT86	0.122	0.00	0.36	0.013	2.18	0.00	0.156	-0.62	0.30	0.212	-0.42	0.38	0.234	-0.34	0.33	
AJTRWY	0.110	-1.11	0.32	0.009	-0.38	0.76	0.145	-1.75	0.09	0.198	-1.17	0.85	0.198	-1.89	1.34	
EPJUQX	0.131	0.87	0.18	0.011	0.97	0.79	0.174	1.07	0.33	0.233	0.68	0.23	0.258	0.69	0.22	
KH6YB6	0.138	1.53	1.55	0.010	0.00	0.00	0.207	4.37X	0.22	0.250	1.57	1.41	0.278	1.58	1.61	
MG4L43	0.118	-0.32	0.36	0.009	-0.97	1.14	0.161	-0.13	0.22	0.217	-0.16	0.00	0.235	-0.29	0.30	
PVCELQ	0.123	0.11	0.18	0.010	0.31	1.53	0.164	0.13	0.05	0.237	0.92	0.05	0.256	0.62	0.14	
QM2CZP	0.127	0.48	0.13	0.012	1.45	0.00	0.172	0.88	0.08	0.226	0.32	0.11	0.249	0.32	0.00	
RMUPX2	0.121	-0.06	1.17	0.009	-0.48	2.27	0.166	0.32	0.94	0.226	0.32	0.38	0.242	0.00	0.28	
YXQ4ZL	0.139	1.66	1.17	0.046	25.91X	6.91	0.166	0.32	0.86	0.215	-0.27	0.00	0.258	0.69	1.07	
Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	0.12			0.010			0.16			0.22			0.24			
Median Abs Dev	0.01			0.001			0.00			0.01			0.01			
Avg Within Lab SD	0.00			0.001			0.01			0.01			0.01			
Labs Included	11			10			10			11			11			
Labs Reporting	11			11			11			11			11			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	0.130	0.26	0.00	0.010	-0.35	0.00	0.180	0.60	0.00	0.247	0.93	0.63	0.280	1.34	1.23
43MGP7	0.137	0.74	2.26				0.180	0.60	1.36	0.243	0.75	2.27	0.277	1.18	1.87
4JCNKH	0.137	0.74	1.71	0.020	0.52	0.00	0.183	0.75	2.07	0.243	0.75	1.66	0.263	0.50	1.41
6BYXUK	0.198	5.17 X	1.34	0.031	1.49	0.21	0.263	4.51 X	1.30	0.361	6.90 X	0.16	0.397	7.23 X	1.30
6WVT86	0.112	-1.03	0.44	0.010	-0.38	0.10	0.159	-0.41	0.48	0.214	-0.80	0.23	0.244	-0.45	0.87
7R3R2K	0.114	-0.85	0.54	0.024	0.89	0.18	0.146	-1.00	0.14	0.190	-2.03	0.07	0.222	-1.58	0.10
8224BJ	0.118	-0.57	0.37				0.166	-0.06	1.29	0.228	-0.07	1.77	0.233	-1.02	1.07
8H9ZW4	0.130	0.26	0.00	0.027	1.09	1.04	0.157	-0.50	0.78	0.230	0.05	0.00	0.243	-0.50	0.71
99G688	0.150	1.70	0.00	0.027	1.09	1.04	0.177	0.44	0.78	0.247	0.93	0.63	0.273	1.01	0.71
9ADKK6	0.119	-0.53	0.30	0.005	-0.75	0.10	0.168	0.03	0.00	0.228	-0.07	0.06	0.250	-0.18	0.31
AJTRWY	0.118	-0.60	0.26	0.012	-0.15	0.10	0.144	-1.10	0.23	0.216	-0.66	1.10	0.249	-0.24	0.07
AR7KAF	0.112	-1.03	0.78	0.019	0.39	2.09	0.167	-0.03	0.67	0.228	-0.07	1.54	0.262	0.42	1.11
B8EY4H	0.131	0.35	0.32	0.010	-0.35		0.179	0.56		0.247	0.95		0.274	1.02	
E8MAAD	0.097	-2.13	0.86				0.120	-2.23	0.00	0.197	-1.69	0.63	0.227	-1.34	0.71
E9HTCE	0.128	0.15	0.40	0.015	0.06	0.05	0.179	0.56	0.56	0.273	2.28	0.82	0.307	2.69 X	0.81
EUY662	0.117	-0.69	0.31	0.010	-0.35	0.18	0.141	-1.23	1.29	0.212	-0.89	0.98	0.249	-0.20	0.14
GU9RTU	0.130	0.26	0.00	0.010	-0.35	0.00	0.180	0.60	1.36	0.240	0.58	1.09	0.267	0.67	0.71
JYTTM4	0.130	0.26	1.48	0.020	0.52	1.81	0.183	0.75	1.57	0.237	0.40	0.63	0.270	0.84	1.23
KH6YB6	0.130	0.26	0.00	0.010	-0.35	0.00	0.177	0.44	0.78	0.230	0.05	0.00	0.253	0.00	0.71
M8FTTR	0.117	-0.69	0.09				0.159	-0.38	0.39	0.215	-0.75	0.31	0.242	-0.59	0.26
MG4L43	0.120	-0.46	0.15	0.001	-1.13	0.00	0.172	0.24	0.16	0.229	0.00	0.29	0.246	-0.35	0.74
NMN28Z	0.110	-1.15	0.23	0.007	-0.64	0.10	0.154	-0.61	0.51	0.199	-1.55	0.06	0.218	-1.76	0.39
NZRPYU	0.116	-0.77	0.23	0.034	1.70	0.28	0.156	-0.52	0.28	0.216	-0.66	0.35	0.236	-0.87	0.56
PRGMDT	0.130	0.26	0.00	0.013	-0.06	1.04	0.177	0.44	0.78	0.240	0.58	1.09	0.263	0.50	0.71
PVCELQ	0.123	-0.25	0.11	0.010	-0.31	0.14	0.164	-0.16	0.05	0.237	0.44	0.05	0.256	0.13	0.15
QM2CZP	0.130	0.29	0.48				0.177	0.44	0.70	0.238	0.45	0.66	0.253	0.00	0.37
QUENQV	0.130	0.26	1.48	0.030	1.38	1.81	0.150	-0.82	1.36	0.220	-0.47	1.09	0.260	0.34	1.23



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RQVTPN	0.126	0.00	1.87	0.023	0.80	2.09	0.179	0.53	1.49	0.240	0.58	1.09	0.260	0.34	1.23	
RUV2UY	0.140	0.96	3.48	0.025	0.96	2.65	0.191	1.10	1.73	0.244	0.80	1.88	0.269	0.81	2.20	
V9L6NZ	0.137	0.74	0.86	0.010	-0.35	0.00	0.180	0.60	0.00	0.237	0.40	0.63	0.257	0.17	0.71	
VZQ3MN	0.120	-0.46	0.15	0.033	1.64	0.36	0.140	-1.27	0.34	0.226	-0.14	0.41	0.253	-0.03	0.67	
WMW7XV	0.103	-1.65	0.86				0.163	-0.19	0.78	0.223	-0.30	1.66	0.253	0.00	1.87	
XJE7HF	0.104	-1.58	0.76	0.010	-0.35		0.137	-1.42	1.00	0.207	-1.13	1.30	0.233	-1.04	0.62	
XWF2EM	0.082	-3.21	X 3.13				0.124	-2.04	2.38	0.177	-2.74	X 0.33	0.201	-2.64	1.80	
YXQ4ZL	0.130	0.29	0.23	0.020	0.52	0.18	0.173	0.28	0.48	0.228	-0.05	0.29	0.250	-0.17	0.21	
Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median		0.13		0.014		0.17		0.23		0.25						
Median Abs Dev		0.01		0.006		0.01		0.01		0.01						
Avg Within Lab SD		0.01		0.006		0.01		0.01		0.01						
Labs Included		33		28		34		33		33						
Labs Reporting		35		28		35		35		35						



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Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups															Data units: %	
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	1.38	1.36	2.80	0.20	0.32	2.00	1.92	0.55	0.55	3.29	0.93	2.67	2.35	1.29	2.34	
4JCNKH	1.37	1.15	1.57	0.19	0.00	0.62	1.94	0.67	0.32	3.17	0.05	0.44	2.20	-0.38	0.91	
6BYXUK	1.29	0.03	0.29	0.17	-0.38	0.75	1.80	-0.26	0.61	3.08	-0.62	1.08	2.19	-0.58	0.31	
8224BJ	1.22	-1.16	1.83	0.17	-0.57	2.66	1.79	-0.36	1.60	3.31	1.09	0.68	2.13	-1.17	1.20	
8H9ZW4	1.23	-1.00	0.74	0.07	-2.79	0.36	1.70	-1.00	1.93	3.23	0.52	1.71	2.24	0.00	1.80	
99G688	1.35	0.85	1.31	0.21	0.40	0.36	1.68	-1.10	1.26	3.16	-0.02	0.30	2.23	-0.07	0.78	
9ADKK6	1.32	0.38	0.79	0.14	-1.16	0.59	1.89	0.34	0.21	3.16	-0.05	0.26	2.27	0.41	0.37	
AJTRWY	1.25	-0.57	0.33	0.18	-0.27	0.44	1.61	-1.64	0.88	3.02	-1.05	0.55	2.20	-0.37	0.43	
B8EY4H	1.25	-0.59	0.37	0.14	-1.14		1.84	0.00		3.17	0.02		2.28	0.48		
E8MAAD	1.32	0.49	0.35	0.20	0.16	0.36	1.70	-1.00	0.32	3.04	-0.88	0.99	2.24	0.04	0.45	
E9HTCE	1.35	0.96	1.67	0.21	0.46	0.39	1.92	0.53	0.81	3.68	3.81X	0.81	2.76	5.95X	0.62	
EUY662	1.26	-0.47	0.44	0.19	-0.10	1.06	1.62	-1.55	1.76	3.06	-0.76	1.90	2.20	-0.40	0.20	
GU9RTU	1.34	0.74	0.40	0.18	-0.24	0.62	1.94	0.72	1.22	3.29	0.91	1.71	2.35	1.29	0.65	
JYTTM4	1.29	0.03	1.35	0.22	0.72	0.62	1.89	0.37	1.69	3.25	0.61	1.11	2.29	0.57	1.44	
KH6YB6	1.29	-0.03	0.23	0.19	0.00	0.62	1.87	0.18	0.64	3.07	-0.66	0.23	2.20	-0.41	0.15	
M8FTTR	1.34	0.79	0.13	0.21	0.45	0.11	1.86	0.11	0.12	3.11	-0.39	0.26	2.29	0.61	0.15	
MG4L43	1.15	-2.14	0.21	0.17	-0.43	0.82	1.70	-0.96	0.06	2.88	-2.10	0.28	2.04	-2.28	0.16	
NZRPYU	1.27	-0.33	0.25	0.25	1.54	0.19	1.96	0.84	0.14	3.32	1.16	0.08	2.34	1.21	0.06	
PVCELQ	1.22	-1.16	0.04	0.18	-0.36	0.09	1.69	-1.04	0.05	2.97	-1.39	0.02	2.19	-0.50	0.11	
QM2CZP	1.28	-0.17	0.25				1.96	0.84	0.06	3.35	1.34	0.63	2.36	1.37	0.10	
QUENQV	1.25	-0.59	0.35	0.23	0.88	0.36	1.59	-1.75	0.42	3.00	-1.20	0.30	2.16	-0.87	0.15	
RUV2UY	1.32	0.36	0.55	0.18	-0.29	0.45	1.84	-0.02	0.82	3.09	-0.51	0.43	2.24	0.00	0.32	
V9L6NZ	1.31	0.23	0.13	0.20	0.28	0.04	1.90	0.39	0.12	3.20	0.29	0.09	2.29	0.57	0.09	
VZQ3MN	1.50	3.12X	0.20	0.27	1.83	0.40	1.69	-1.07	0.20	3.20	0.24	0.58	2.35	1.27	0.19	
WMW7XV	1.26	-0.54	0.81	0.04	-3.58X	0.00	1.82	-0.12	0.64	3.17	0.02	0.17	2.22	-0.23	0.60	
XAT3B2	1.33	0.64	1.57	0.19	0.00	2.71	1.88	0.25	0.84	3.21	0.37	1.57	2.20	-0.38	2.66	
XAT3BF	1.24	-0.79	0.48	0.10	-2.10	0.11	1.92	0.55	2.42	3.12	-0.34	0.45	2.31	0.80	1.59	



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Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups															Data units: %					
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
XWF2EM	2.66	21.08	X	3.25	1.61	33.95	X	11.17	3.32	10.31	X	5.00	4.54	10.11	X	1.99	3.62	15.67	X	2.33
Soil Total Carbon (SubTestCode 1802) in the Soil Organic Matter Property Groups															Data units: %					
SRS2511				SRS2512				SRS2513				SRS2514				SRS2515				
Grand Median	1.29			0.19			1.84			3.16			2.24							
Median Abs Dev	0.04			0.02			0.08			0.08			0.05							
Avg Within Lab SD	0.04			0.02			0.05			0.07			0.07							
Labs Included	26			25			27			26			26							
Labs Reporting	28			27			28			28			28							



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	0.15	-14.30	X	1.92	34.35	X	2.48	6.38	X	1.27	-1.33		2.17	-0.14	
43MGP7	1.32	1.19	2.68	0.19	0.35	2.54	1.91	1.00	0.57	2.29	0.00	3.24	2.31	0.92	3.09
4JCNKH	1.24	0.17	1.68	0.19	0.35	0.93	1.81	0.06	0.31	1.98	-0.41	0.26	2.02	-1.25	1.12
6WVT86	1.19	-0.49	1.41	0.20	0.43	0.47	1.79	-0.06	1.23	3.06	1.02	1.30	2.24	0.37	1.23
7R3R2K	1.35	1.63	0.22	0.19	0.28	0.61	1.70	-0.97	1.23	3.19	1.18	0.17	2.35	1.19	0.40
8224BJ	1.22	-0.14	1.71	0.17	-0.19	2.61	1.79	-0.10	2.09	3.31	1.34	0.80	2.13	-0.41	1.62
EKPX38	1.11	-1.51	0.90	0.07	-2.16	1.08	1.67	-1.19	1.60	2.95	0.87	0.35	2.07	-0.86	0.31
JYTTM4	1.24	0.13	0.33	0.19	0.28	0.61	1.78	-0.16	0.83	2.01	-0.36	1.10	2.22	0.20	0.58
KB6FBV	1.19	-0.53	2.36	0.12	-1.05	0.64	1.93	1.23	0.71	2.73	0.58	0.91	2.04	-1.11	1.49
KH6YB6	1.25	0.26	0.25	0.17	-0.18	1.27	1.81	0.13	1.14	2.09	-0.26	1.65	2.18	-0.07	0.20
MG4L43	1.15	-0.99	0.20	0.17	-0.07	0.80	1.70	-0.91	0.08	1.98	-0.40	0.32	2.04	-1.13	0.21
NZRPYU	1.24	0.12	0.15	0.24	1.35	0.04	1.91	1.07	0.24	2.19	-0.13	0.26	2.33	1.01	0.27
PRGMDT	1.34	1.46	0.66	0.18	0.15	0.35	1.91	1.06	0.42	3.24	1.24	0.44	2.29	0.74	0.53
PVCELQ	1.22	-0.14	0.04	0.18	-0.01	0.09	1.69	-1.01	0.06	2.17	-0.15	0.03	2.19	0.00	0.07
QM2CZP	1.22	-0.12	0.48				1.81	0.12	0.73	2.26	-0.03	0.61	2.38	1.42	0.24
R3P8NZ	1.28	0.70	0.00				1.76	-0.38	0.94	3.29	1.32	0.50	2.27	0.60	0.00
RQVTPN	1.28	0.66	0.33	0.16	-0.37	0.70	1.85	0.50	0.63	3.15	1.12	0.87	2.18	-0.07	0.70
RUV2UY	1.29	0.78	0.63	0.18	0.01	0.46	1.84	0.33	1.04	2.21	-0.10	1.07	2.23	0.33	0.44
V9L6NZ	1.21	-0.23	0.00	0.18	0.09	0.06	1.79	-0.09	0.00	1.85	-0.58	0.20	2.02	-1.28	0.31
W9FBHY	1.14	-1.16	0.33	0.20	0.38	0.44	1.66	-1.27	0.78	2.79	0.66	0.71	2.00	-1.43	0.41
WHNKCJ	1.32	1.19	0.12	0.10	-1.55	0.16	1.90	0.94	0.55	3.21	1.21	0.17	2.31	0.89	0.20
WMW7XV	1.20	-0.40	0.76	0.04	-2.74	0.35	1.78	-0.19	0.94	2.02	-0.35	1.39	2.15	-0.29	0.81
XAT3BF	1.21	-0.28	0.72	0.14	-0.78	1.18	1.86	0.58	0.57	2.06	-0.30	0.66	2.25	0.42	1.19
XJE7HF	1.19	-0.45	0.12	0.12	-1.03	0.70	1.57	-2.16	2.33	2.93	0.85	0.53	2.15	-0.29	1.26
YXQ4ZL	1.34	1.43	0.13	0.23	1.04	0.07	1.87	0.69	0.69	3.13	1.10	0.26	2.25	0.42	1.04



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups					Data units: Percent
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	1.23	0.18	1.80	2.29	2.19
Median Abs Dev	0.04	0.02	0.07	0.44	0.08
Avg Within Lab SD	0.05	0.02	0.04	0.06	0.05
Labs Included	24	22	24	25	25
Labs Reporting	25	23	25	25	25



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Soil Inorganic C (pressure Trans) (SubTestCode 1812) in the Soil Organic Matter Property Groups															Data units: %	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
GU9RTU	0.134		1.00	0.087		1.00	0.137		1.00	1.523		1.00				
Soil Inorganic C (pressure Trans) (SubTestCode 1812) in the Soil Organic Matter Property Groups															Data units: %	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	0.13			0.087			0.14			1.52						
Median Abs Dev																
Avg Within Lab SD	0.00			0.001			0.03			0.04			0.00			
Labs Included	1			1			1			1			0			
Labs Reporting	1			1			1			1			0			



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Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups															Data units: %	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	0.063		1.00	0.030			0.013		0.44	1.003	0.00	0.56	0.037		0.52	
AR7KAF	1.280		1.73	0.131		1.41	1.863		1.90	3.213	21.99X	0.56	2.317		1.86	
MG4L43										0.900	-1.03	0.00				
NZRPYU	0.037		0.14	0.012		0.11	0.014		0.04	1.037	0.34	0.07	0.018		0.05	
PVCELQ										0.805	-1.97	0.00				
WMW7XV	0.050		0.00	0.010			0.037		0.44	1.007	0.03	2.16	0.057		0.52	
Soil Inorganic C (TC-TOC) (SubTestCode 1813) in the Soil Organic Matter Property Groups															Data units: %	
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	0.057			0.021			0.025			1.00			0.047			
Median Abs Dev										0.03						
Avg Within Lab SD	0.006			0.005			0.013			0.04			0.011			
Labs Included	4			4			4			5			4			
Labs Reporting	4			4			4			6			4			



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	2.17	0.00	0.29	0.34	0.16	0.42	3.53	0.55	0.16	3.75	0.05	0.08	4.05	0.15	0.44
33TCV7	3.78	5.14	X	0.62	2.47		3.30	0.11		3.78	0.13		3.99	0.00	
4A9CNN	2.05	-0.39	0.36	0.38	0.48	0.00	2.84	-0.79	0.50	3.04	-1.83	0.00	3.20	-1.88	0.36
4VNWLP	1.40	-2.47	2.25	0.33	0.08		2.06	-2.31	1.28	2.25	-3.92	X	2.44	-3.70	X
6WVT86	2.31	0.45	0.08	0.48	1.34	0.20	3.75	1.00	0.43	4.04	0.81	0.52	4.35	0.85	0.40
8224BJ	1.94	-0.74	0.64	0.48	1.31	0.84	3.25	0.01	0.27	3.87	0.36	0.33	3.47	-1.24	0.14
8H7BPL	1.71	-1.47	0.57	0.23	-0.72	0.49	2.60	-1.26	0.08	2.91	-2.18	0.21	3.28	-1.70	0.28
AJTRWY	1.97	-0.66	0.46	0.31	-0.08	0.78	2.87	-0.73	0.66	3.50	-0.61	0.15	3.87	-0.29	0.45
ANNKUZ	2.31	0.45	0.22	0.37	0.41	0.00	4.07	1.61	0.21	4.16	1.13	0.12	4.40	0.97	0.08
B8EY4H	2.78	1.94		0.99	5.52	X	2.89	-0.69		3.33	-1.06		3.76	-0.55	
E8MAAD	2.12	-0.16	0.08	0.37	0.43	0.24	3.07	-0.33	0.31	3.72	-0.03	0.52	3.97	-0.06	1.18
E9HTCE	2.12	-0.17	0.13	0.29	-0.22	0.23	3.24	0.00	0.35	3.58	-0.41	0.23	4.03	0.09	0.31
EKPX38	1.99	-0.60	2.30	0.14	-1.52	2.12	0.73	-4.91	X	3.42	-0.81	1.96	3.89	-0.25	3.83
EPJUQX	2.25	0.24	0.28	0.30	-0.18	0.01	3.42	0.35	0.16	3.77	0.10	0.16	4.19	0.49	0.29
H9P9Y3	2.90	2.31	0.85	0.43	0.87	1.48	2.82	-0.82	0.20	3.30	-1.13	0.40	3.51	-1.16	0.42
HCNKU3	1.58	-1.90	2.53	0.28	-0.36	0.43	2.52	-1.42	3.37	4.01	0.75	2.27	2.05	-4.65	X
MG4L43	2.21	0.13	0.22	0.58	2.17	0.64	3.69	0.87	0.24	4.20	1.25	0.16	4.48	1.17	0.73
PVCELQ	2.10	-0.25	0.04	0.30	-0.16	0.10	2.92	-0.64	0.03	3.74	0.03	0.02	3.79	-0.48	0.04
Q2V2U2	1.89	-0.89	0.64	0.27	-0.39	0.24	2.98	-0.51	0.51	3.34	-1.04	0.38	3.70	-0.69	0.42
QM2CZP	2.19	0.05	0.29	0.30	-0.21	0.02	3.30	0.12	0.29	4.01	0.75	0.20	4.26	0.65	0.32
QUENQV	2.23	0.19	0.82	0.23	-0.72	2.43	3.37	0.24	0.45	3.63	-0.26	0.46	4.23	0.58	0.80
RMUPX2	2.18	0.01	0.43	0.28	-0.36	0.24	3.39	0.29	0.36	3.75	0.04	0.20	4.19	0.48	0.50
RQVTPN	2.17	-0.02	1.64	0.43	0.93	2.43	2.73	-1.00	2.50	3.67	-0.17	3.22	5.39	3.36	X
W3BAKQ	2.18	0.01	0.59	0.36	0.35	0.88	3.14	-0.21	0.29	3.44	-0.78	0.81	3.92	-0.16	0.58
YBJMGC	2.18	0.01	0.43	0.29	-0.28	0.24	3.30	0.12	0.24	7.13	9.03	X	4.37	0.92	0.81
YXQ4ZL	2.60	1.35	0.78	0.85	4.39	X	3.70	0.89	1.25	3.90	0.46	0.76	4.28	0.70	1.06



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups					Data units: Percent
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	2.17	0.32	3.24	3.73	3.99
Median Abs Dev	0.12	0.05	0.33	0.26	0.24
Avg Within Lab SD	0.07	0.02	0.13	0.13	0.07
Labs Included	25	24	25	24	23
Labs Reporting	26	26	26	26	26



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SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups															Data units: %
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
AEJDEZ	2.01	0.00	0.66	0.14	-1.33	0.00	2.96	0.00	0.88	2.96	-1.83	0.70	3.85	0.34	0.64
CM3NE7	1.27	-1.82	0.42	0.30	0.31	0.00	2.90	-0.12	0.00	3.60	0.00	0.67	2.37	-1.45	0.27
FWK7MU	2.04	0.07	0.77	0.34	0.72	1.95	2.66	-0.62	0.93	3.40	-0.56	0.78	3.40	-0.20	1.36
GCV8WQ	2.57	1.36	1.05	0.27	0.00	0.97	3.78	1.68	0.84	3.73	0.36	1.43	4.72	1.39	0.78
YBWGVQ	1.96	-0.12	1.64	0.17	-1.02	0.52	3.42	0.95	1.63	3.82	0.62	1.19	3.57	0.00	1.44
SOM - Walkley-Black LOI regressed (SubTestCode 1822) in the Soil Organic Matter Property Groups															Data units: %
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	2.01			0.27			2.96			3.60			3.57		
Median Abs Dev	0.05			0.07			0.30			0.20			0.28		
Avg Within Lab SD	0.14			0.03			0.21			0.15			0.21		
Labs Included	5			5			5			5			5		
Labs Reporting	5			5			5			5			5		



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	2.54	-0.25	0.25	0.22	-0.87	0.49	3.81	0.30	0.19	3.76	0.06	0.18	5.02	0.73	0.43
2WQZZA	2.60	0.00	0.00	3.30	43.79X	0.00	3.50	-0.57		3.20	-1.61	0.00	4.70	-0.34	0.00
43MGP7	1.90	-3.21 X	3.70	0.06	-3.27	0.23	2.83	-2.46	5.05	2.98	-2.28	4.87	3.93	-2.91	3.35
47NKDL	2.69	0.43	0.50	0.23	-0.78	1.02	4.28	1.61	0.31	4.12	1.15	0.65	5.02	0.74	0.58
4JCNKH	2.79	0.89	0.71	0.30	0.28	0.33	3.76	0.17	0.88	3.76	0.07	0.70	4.88	0.26	0.55
4XRR6R	2.79	0.85	0.31	0.28	0.00	0.25	3.78	0.21	0.59	3.98	0.74	0.37	4.88	0.26	0.34
6N2LME	2.63	0.14	0.08	0.32	0.60	0.65	3.65	-0.16	0.13	3.69	-0.14	0.47	4.64	-0.52	0.28
77WD8C	2.60	-0.01	0.22	0.29	0.16	0.41	3.96	0.72	0.29	3.50	-0.70	0.34	4.87	0.24	0.16
83XJMF	2.73	0.58	0.84	0.27	-0.15	1.13	3.94	0.65	0.18	3.85	0.35	0.51	4.86	0.20	0.22
8WPY24	2.62	0.09	0.68	0.21	-1.02	0.00	3.81	0.31	0.39	3.81	0.23	0.38	5.01	0.71	0.79
99G688	2.23	-1.68	0.56				3.37	-0.95	0.62	3.37	-1.11	0.29	4.37	-1.46	0.36
9ADKK6	2.62	0.09	0.79	0.28	0.04	0.19	3.85	0.42	0.06	3.77	0.11	0.03	4.87	0.24	0.17
AJTRWY	3.09	2.25	0.26	0.36	1.10	0.68	4.69	2.77X	0.04	5.23	4.49X	0.47	5.90	3.69X	0.49
CRHYRA	2.51	-0.41	0.10	0.20	-1.17	0.33	3.62	-0.23	0.06	3.68	-0.17	0.13	5.10	1.01	0.06
CXNRL6	2.59	-0.06	0.04	0.26	-0.35	0.10	3.71	0.01	0.08	3.72	-0.05	0.03	4.85	0.16	0.13
DJ233T	2.64	0.17	0.76	0.30	0.32	0.17	3.90	0.56	0.32	3.65	-0.26	0.50	4.47	-1.09	1.55
DULEE7	2.70	0.46	0.00	0.30	0.28	0.00	3.93	0.65	0.24	3.90	0.49	0.00	4.80	0.00	0.00
EKPX38	2.89	1.35	0.32	0.33	0.75	0.09	3.90	0.54	0.20	4.25	1.53	0.14	5.15	1.19	0.35
ELKG49	2.27	-1.51	0.19	0.23	-0.78	1.14	3.31	-1.12	0.10	3.26	-1.44	0.06	4.25	-1.86	0.38
EUY662	2.32	-1.30	1.25	0.41	1.92	3.76	3.38	-0.91	0.60	3.44	-0.89	0.16	4.50	-1.02	0.76
FYN37X	2.43	-0.76	0.56	0.23	-0.69	1.88	3.53	-0.48	0.24	3.50	-0.71		4.63	-0.56	0.36
GU9RTU	2.53	-0.34	0.15	0.26	-0.35	0.38	3.64	-0.17	0.26	3.56	-0.52	0.14	4.78	-0.08	0.25
HCNKU3	1.79	-3.73 X	0.29	0.05	-3.36	0.21	3.09	-1.73	0.55	2.20	-4.63X	0.15	3.71	-3.67	2.13
JYTM4	2.77	0.78	0.50	0.30	0.28	0.33	3.57	-0.39	0.09	3.62	-0.36	0.08	4.83	0.09	0.55
KGB96Q	2.69	0.43	0.24	0.30	0.28	0.33	3.61	-0.25	0.14	3.80	0.19	0.20	4.91	0.37	0.25
KH6YB6	2.61	0.05	0.68	0.32	0.52	0.38	3.70	-0.02	0.87	3.80	0.18	0.95	4.69	-0.38	1.14
MY24TX	2.77	0.76	0.22	0.28	0.04	0.19	3.86	0.43	0.18	4.01	0.83	0.25	4.89	0.29	0.16



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NJPM1V	2.75	0.70	5.04	0.28	0.01	0.58	4.06	0.99	3.59	3.83	0.28	3.76	4.89	0.31	4.22
NLVB2L	2.80	0.93	0.44	0.27	-0.11	1.23	4.28	1.62	0.32	4.18	1.33	0.05	4.71	-0.29	0.16
NMN28Z	2.59	-0.05	0.87	0.23	-0.69	0.75	3.70	-0.01	0.19	3.74	0.00	0.14	4.70	-0.35	0.51
NULTFU	2.58	-0.11	0.20	0.34	0.91	0.38	4.19	1.37	0.04	3.93	0.58	0.09	4.82	0.08	0.19
NZRPYU	2.49	-0.49	0.30	0.24	-0.58	0.58	3.47	-0.65	0.20	3.52	-0.66	0.15	4.63	-0.58	0.14
PRGMDT	2.54	-0.27	0.10	0.30	0.23	0.19	3.66	-0.13	0.02	3.85	0.34	0.00	4.58	-0.73	0.04
QUENQV	2.37	-1.07	1.12	0.17	-1.65	1.88	3.70	-0.01	0.41	3.53	-0.61	0.57	4.67	-0.45	0.73
RUV2UY	2.87	1.22	2.01	0.33	0.76	1.88	3.90	0.55	0.41	3.83	0.29	0.29	4.90	0.34	0.63
TXAWAW	2.11	-2.23	1.50	0.19	-1.33	0.47	3.28	-1.18	0.05	3.18	-1.67	0.07	4.38	-1.40	0.25
UPAWBU	2.60	0.00	0.87	0.29	0.14	0.86	3.82	0.34	0.12	3.83	0.27	0.32	4.70	-0.32	0.41
V9L6NZ	2.72	0.53	0.11	0.27	-0.11	0.38	4.04	0.94	0.05	3.95	0.63	0.03	4.94	0.46	0.10
VZQ3MN	2.74	0.65	0.44	0.28	0.00	0.19	3.87	0.46	0.10	3.93	0.58	0.07	4.94	0.48	0.19
WDCWCM	2.42	-0.84	0.20	0.27	-0.11	0.38	3.50	-0.56	0.09	3.33	-1.22	0.10	4.57	-0.76	0.04
XWF2EM	2.85	1.16	0.15	0.29	0.14	0.33	4.10	1.12	0.10	4.07	1.01	0.06	5.04	0.81	0.17
XZYUQP	2.40	-0.93	0.11	0.37	1.30	0.00	3.41	-0.83	0.05	3.50	-0.72	0.11	4.62	-0.62	0.15
YXQ4ZL	2.40	-0.92	0.00	0.23	-0.69	1.88	3.90	0.55	0.41	3.73	-0.01	0.29	4.60	-0.67	0.63
ZD26AG	2.57	-0.15	1.12	0.27	-0.20	1.88	3.70	-0.01	0.41	3.70	-0.11	0.50	4.80	0.00	0.63
ZEVRQQ	2.36	-1.11	0.30	1.17	12.88X	0.57	2.86	-2.37	0.11	2.90	-2.51	0.10	3.40	-4.70X	0.22
SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	2.60			0.28			3.70			3.74			4.80		
Median Abs Dev	0.13			0.03			0.20			0.19			0.14		
Avg Within Lab SD	0.10			0.03			0.24			0.20			0.16		
Labs Included	43			42			44			43			43		
Labs Reporting	45			44			45			45			45		



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AEJDEZ	2.43		1.43	0.29		1.41	3.45		0.93	3.47		0.82	4.46		1.33	
M8FTTR	2.93		0.91				4.93		1.46	4.80		1.52	5.40		1.10	
WDCWCM	2.22		0.33	0.30		0.00	3.19		0.06	3.03		0.09	4.15		0.11	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	2.43			0.30			3.45			3.47			4.46			
Median Abs Dev																
Avg Within Lab SD	0.06			0.02			0.21			0.17			0.09			
Labs Included	3			2			3			3			3			
Labs Reporting	3			2			3			3			3			



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CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.49	0.14	0.80	0.20		0.00	0.18		1.41	8.31	0.29	0.24	0.23		0.29
4VNWLP	0.86	1.34	2.23				0.62			2.09	-1.58	0.23	1.13		1.95
8H7BPL	0.30	-0.49	0.07							8.46	0.33	0.00			
ELKG49	0.13	-1.04	0.15	0.13		1.41	0.14		0.00	0.14	-2.16		4.05		0.21
KB6FBV	0.41	-0.14	0.59							9.83	0.74	2.60	0.25		0.25
PVCELQ										6.71	-0.19	0.00			
XAT3BF	0.72	0.89	0.10							7.55	0.06	0.36			
XEL4CU										7.17	-0.06	0.01			
CaCO3 Content (SubTestCode 185) in the Content Property Groups													Data units: Percent		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	0.45			0.16			0.18			7.36			0.69		
Median Abs Dev	0.21									1.03					
Avg Within Lab SD	0.16			0.02			0.06			0.96			0.32		
Labs Included	6			2			3			8			4		
Labs Reporting	6			2			3			8			4		



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CaCO3 Content effervescent (SubTestCode 1852)														Data units: %		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
M8FTTR	0.620		0.42				0.523		0.94			7.293	-0.07	0.75		
MG4L43												7.500	0.00			
QUENQV	0.433		1.22	0.133		1.41	0.567		1.43			9.133	0.58	0.26	0.467	1.41
RUV2UY	0.244		1.16	0.013		0.13	0.027		0.24			7.345	-0.06	1.54	0.019	0.04
W9FBHY	2.000						2.000					15.000	2.66			
CaCO3 Content effervescent (SubTestCode 1852)														Data units: %		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	0.53			0.073			0.55			7.50			0.24			
Median Abs Dev										0.21						
Avg Within Lab SD	0.05			0.041			0.04			0.45			0.04			
Labs Included	4			2			4			5			2			
Labs Reporting	4			2			4			5			2			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	14.13	1.80	2.57	2.70	4.48X	31.33	22.97	0.00	1.26	25.33	1.43	2.82			
4A9CNN	9.19	-0.57	0.47	0.10	-1.76	0.00	20.62	-0.66	0.10	16.01	-0.79	0.08	10.33	-0.55	0.67
4VNWLP	0.53	-4.72X	0.19	0.09	-1.79	0.56	2.02	-5.85X	0.20	0.69	-4.44X	0.07	1.36	-3.17X	0.58
6WVT86	9.85	-0.25	0.30	0.65	-0.44	0.00	22.18	-0.22	0.35	17.02	-0.55	0.19	13.70	0.43	0.79
ANNKUZ	12.59	1.06	0.93	1.12	0.69	0.35	30.42	2.08	0.41	24.05	1.13	0.62	17.46	1.53	0.59
B8EY4H	6.70	-1.76		1.22	0.93		14.60	-2.34		11.49	-1.86		6.77	-1.59	
EKPX38	12.17	0.86	0.29	1.02	0.45	1.34	23.69	0.20	0.36	23.12	0.91	0.88	15.20	0.87	0.66
EPJUQX	10.26	-0.05	0.11	0.64	-0.48	0.00	23.75	0.22	0.07	19.30	0.00	0.12	11.81	-0.12	0.15
FA7LQU	11.23	0.41	0.12	0.77	-0.16	1.54	23.87	0.25	0.08	19.43	0.03	0.07	14.17	0.57	0.18
M8FTTR	10.41	0.02	1.17	0.86	0.07	0.38	25.03	0.58	1.22	19.33	0.00	0.27	11.97	-0.07	0.35
MG4L43	10.17	-0.10	1.30	0.83	0.00	0.58	22.47	-0.14	0.08	22.93	0.86	0.75	12.47	0.07	0.46
QM2CZP	11.03	0.32	0.16	0.44	-0.94	0.61	23.81	0.24	0.22	19.38	0.01	0.51	14.30	0.61	0.44
RQVTPN	7.03	-1.60	1.44	1.30	1.12	1.01	19.03	-1.10	2.83	14.53	-1.14	1.45	10.01	-0.64	2.83
W9FBHY	11.19	0.39	0.62	1.22	0.94	0.50	26.68	1.04	0.94	32.70	3.19X	0.98	19.12	2.01	1.04
XJE7HF	10.37	0.00	0.57	0.79	-0.11	0.94	20.85	-0.59	1.00	18.07	-0.30	0.43	11.86	-0.10	0.52
YXQ4ZL	8.45	-0.92	0.49	0.93	0.24	2.53	21.29	-0.47	0.73	17.51	-0.43	0.78	11.29	-0.27	1.09
CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	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	10.4			0.83			23.0			19.3			12.2		
Median Abs Dev	0.9			0.20			1.7			2.8			1.9		
Avg Within Lab SD	0.5			0.10			0.7			0.9			0.3		
Labs Included	15			15			15			14			14		
Labs Reporting	16			16			16			16			15		



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	13.40	0.95	3.66	1.63	0.08	1.63	22.90	0.05	3.03	38.13	0.40	2.98	13.23	0.55	2.34	
6WVT86	13.38	0.94	0.22	1.21	-0.95	0.61	19.87	-0.79	0.71	34.14	-0.02	0.15	7.70	-0.73	0.25	
8WPY24	9.70	-1.08	0.96	1.60	0.00	1.07	23.33	0.17	0.65	34.33	0.00	0.48	12.43	0.36	0.57	
99G688	11.53	-0.07	0.10	1.13	-1.13	1.63	21.20	-0.42	0.13	71.60	3.97X	0.15	13.67	0.65	1.59	
AEJDEZ	10.77	-0.49	0.70	1.73	0.32	0.62	25.17	0.68	1.37	31.87	-0.27	0.03	12.73	0.43	1.11	
E9HTCE	11.99	0.18	0.13	1.08	-1.26	0.32	17.92	-1.33	0.48	35.64	0.14	0.40	7.04	-0.88	0.09	
FA7LQU	11.77	0.05	0.10	1.53	-0.16	1.23	22.53	-0.05	0.07	34.37	0.00	0.03	15.33	1.03	0.16	
GU9RTU	13.70	1.12	0.49	1.40	-0.48	0.00	25.35	0.73	0.82	39.55	0.55	0.28	9.70	-0.27	0.00	
KH6YB6	9.60	-1.13	0.86	1.67	0.16	1.63	24.73	0.56	1.42	31.13	-0.34	2.43	12.93	0.48	1.51	
NMN28Z	8.33	-1.83	0.10	1.87	0.64	0.62	24.13	0.39	0.15	25.47	-0.95	0.07	10.77	-0.02	0.42	
NULTFU	10.43	-0.68	0.55	3.27	4.02X	3.08	18.43	-1.18	0.27	47.53	1.40	0.84	8.90	-0.45	1.45	
PRGMDT	10.57	-0.60	0.09	1.92	0.76	1.17	24.34	0.45	0.68	53.77	2.07	0.26	15.34	1.03	0.51	
UPAWBU	11.57	-0.05	0.53	1.23	-0.89	0.62	19.33	-0.93	0.58	26.43	-0.85	0.40	6.10	-1.10	0.73	
VZQ3MN	12.29	0.34	0.31	1.99	0.93	0.43	17.20	-1.52	0.30	35.46	0.12	0.21	8.23	-0.60	0.87	
W9FBHY	11.19	-0.26	0.49	1.22	-0.91	0.53	26.68	1.10	0.89	32.70	-0.18	0.48	19.12	1.90	0.94	
WYREJJ	12.93	0.70	0.20	2.00	0.97		21.60	-0.31	0.89	50.40	1.71	0.17	6.27	-1.06	0.57	
XJE7HF	12.52	0.47	0.53	2.30	1.70	1.33	26.08	0.93	0.54	54.69	2.17	0.28	10.96	0.02	0.84	
YBWGVQ	13.84	1.19	0.92	1.55	-0.12	0.44	20.67	-0.56	0.50	31.54	-0.30	0.64	8.24	-0.60	0.57	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups					Data units: cmol/kg
	SRS2511	SRS2512	SRS2513	SRS2514	SRS2515
Grand Median	11.7	1.60	22.7	34.4	10.9
Median Abs Dev	1.2	0.32	2.2	3.2	2.6
Avg Within Lab SD	0.6	0.09	0.8	1.8	0.4
Labs Included	18	17	18	17	18
Labs Reporting	18	18	18	18	18



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups															Data units: g/cc
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
33TCV7	1.24	0.00		1.60	-1.78		1.22	-1.10		1.40	-0.12		1.16	0.53	
4A9CNN	1.09	-0.87	1.53	1.68	-0.71	0.48	1.26	-0.57	1.25	1.41	0.00	0.13	1.01	-0.97	1.00
FA7LQU	1.09	-0.86	1.38	1.76	0.29	1.82	1.37	0.93	1.17	1.37	-0.31	1.32	1.02	-0.88	0.47
MG4L43	1.42	1.09	0.30	1.75	0.24	0.33	1.42	1.67	0.39	1.60	1.51	0.00	1.26	1.47	0.00
VWN6CV	1.35	0.68	0.80	1.74	0.03	0.65	1.30	0.00	1.41	1.50	0.73	1.47	1.17	0.59	0.81
WHNKCJ	1.28	0.25	1.04	1.79	0.68	1.82	1.39	1.16	0.39	1.60	1.51	0.79	1.11	0.00	1.88
WMXXUH	1.18	-0.33	0.00	1.67	-0.85	0.00	1.29	-0.23	0.39	1.38	-0.28	0.26	1.07	-0.39	0.47
WYREJJ	1.01	-1.33	1.38	1.62	-1.50	0.57	1.27	-0.42	0.39	1.30	-0.87	0.95	1.04	-0.65	1.35
YBWGVQ	1.35	0.64	0.26	1.73	0.00	0.51	1.30	0.00	1.58	1.50	0.74	1.57	1.17	0.59	0.74
Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups															Data units: g/cc
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	1.24			1.73			1.30			1.41			1.11		
Median Abs Dev	0.12			0.05			0.04			0.09			0.06		
Avg Within Lab SD	0.02			0.02			0.01			0.02			0.02		
Labs Included	9			9			9			9			9		
Labs Reporting	9			9			9			9			9		



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	12.2	-0.57	0.00	92.5	-0.65		42.8	-0.23	0.00	38.1	-0.48	0.00	29.4	-0.02	0.00
33TCV7	12.0	-0.60					26.0	-3.39X		20.0	-3.50X		8.0	-2.85X	
43MGP7	19.7	0.48	2.68	92.0	-0.81	0.95	41.7	-0.44	0.78	39.7	-0.22	1.55	29.7	0.02	0.67
4A9CNN	4.1	-1.70	0.21	89.0	-1.80	0.00	34.4	-1.80	0.00	32.1	-1.49	0.98	21.6	-1.05	0.00
4JCNKH	9.1	-1.01	0.52	91.9	-0.86	0.42	41.0	-0.57	0.36	37.1	-0.65	0.52	13.4	-2.14	0.18
4PLKPR	21.7	0.76	1.02	80.8	-4.48X	1.37	36.7	-1.38	0.97	30.0	-1.83		31.7	0.28	0.63
4VNWLP	22.7	0.90	0.61	92.7	-0.57	1.12	47.9	0.73	0.10	46.0	0.83	0.07	38.0	1.12	0.04
4XRR6R	14.6	-0.23	0.62	89.2	-1.73	1.31	41.1	-0.55	2.55	35.6	-0.90	1.93	27.6	-0.26	0.52
6WVT86	20.7	0.62	0.99	95.0	0.18		50.7	1.26	0.94	46.1	0.85	0.00	31.4	0.24	0.00
8224BJ	15.1	-0.16	0.00	99.2	1.54	1.37	45.6	0.30	0.00	40.9	-0.02	0.00	27.1	-0.32	0.00
8WPY24	16.5	0.04	2.00	94.5	0.01		46.5	0.47		44.5	0.58		30.5	0.13	1.24
99G688	23.1	0.95	0.08	91.9	-0.84	0.34	53.0	1.71	0.27	49.0	1.33	0.17	38.2	1.15	0.11
9ADKK6	4.3	-1.68	0.53	93.7	-0.25	0.00	39.4	-0.86	0.50	37.1	-0.65	0.00	20.8	-1.15	0.33
ANNKUZ	14.8	-0.20	0.00	97.5	1.00		45.4	0.26	0.01	43.3	0.38	0.01	26.9	-0.35	0.02
AR7KAF	20.0	0.53		96.7	0.72	1.37	49.2	0.98	0.97	47.5	1.08		32.5	0.39	
CRHYRA	43.0	3.75 X		96.0	0.50		43.0	-0.19		41.0	0.00		29.0	-0.07	
DJ233T	6.4	-1.38		91.9	-0.84		39.4	-0.87		36.6	-0.73		17.6	-1.58	
DJYCVB	22.4	0.86	2.74	95.7	0.40	0.91	51.5	1.42	3.97	49.8	1.46	2.72	38.8	1.22	2.06
DULEE7	10.8	-0.76	0.52	93.8	-0.24	0.00	41.7	-0.44	0.97	35.8	-0.86	0.97	23.3	-0.83	0.63
E9HTCE	12.2	-0.56	0.01	95.0	0.18		42.9	-0.21	0.00	35.6	-0.90	0.00	21.5	-1.06	0.01
EKPX38	18.0	0.25	1.42	96.3	0.61	0.55	45.0	0.19	1.78	44.3	0.56	1.93	33.3	0.50	0.50
EPJUQX	17.3	0.15	0.00	95.0	0.17	0.00	45.3	0.24	0.00	43.1	0.36	0.00	27.6	-0.26	0.00
EUY662	18.5	0.31	0.25	95.5	0.33	0.24	47.2	0.60	0.56	39.6	-0.24	1.36	19.3	-1.35	0.72
FA7LQU	7.1	-1.29	0.15	94.4	-0.01	1.27	37.8	-1.17	0.28	35.6	-0.90	0.12	20.6	-1.19	0.26
FXRLUZ	16.3	0.00		94.2	-0.10	1.37	47.1	0.58	0.48	43.3	0.39	0.97	30.8	0.17	0.32
G3K6BP	15.4	-0.12	0.00	94.5	0.01		43.8	-0.04	0.00	40.6	-0.07	0.00	31.4	0.25	0.00
GU9RTU	20.0	0.53		95.5	0.34	2.01	48.5	0.85	0.47	47.0	1.00		38.0	1.12	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JYTTM4	26.6	1.44	0.00	90.4	-1.34	0.00	44.2	0.05	0.00	44.3	0.55	0.00	52.6	3.06X	0.00
KH6YB6	20.8	0.64	2.21	92.8	-0.55	2.11	44.1	0.03	0.82	42.1	0.19	2.15	38.8	1.23	4.54
MG4L43	12.5	-0.53		95.0	0.18		43.5	-0.09		40.0	-0.17		25.5	-0.54	
NJPMLV	15.0	-0.18		95.0	0.18	1.89	42.0	-0.37		43.0	0.33		31.7	0.28	1.26
NMN28Z	13.0	-0.46		93.0	-0.48		37.0	-1.32		37.0	-0.67		27.0	-0.34	
NZRPYU	20.7	0.62	0.82	99.3	1.60	1.09	49.3	1.01	0.78	47.3	1.06	0.77	33.3	0.50	0.50
PVCELQ	25.2	1.25	0.06	94.8	0.10	0.20	47.1	0.58	0.06	45.6	0.76	0.15	35.0	0.73	0.03
QM2CZP	95.3	11.07 X	0.49	17.0	-25.46X	0.66	43.1	-0.16	0.50						
RUV2UY	19.7	0.48	0.82	89.7	-1.58	1.09	47.0	0.57		43.0	0.33		29.0	-0.07	
UPAWBU	8.3	-1.11	0.57	86.3	-2.67	0.48	37.7	-1.19	0.54	37.7	-0.56	0.69	34.3	0.63	0.35
V9L6NZ	24.8	1.20	0.00	92.9	-0.51	0.00	50.7	1.26	0.00	47.0	1.00		39.9	1.37	0.00
VZQ3MN	13.8	-0.34	0.00	91.8	-0.86	0.00	43.8	-0.03	0.00	37.8	-0.53	0.00	27.8	-0.23	0.00
WHNKCJ	18.2	0.27	0.00	96.8	0.78	0.00	50.8	1.28	0.00	47.1	1.01	0.00	35.7	0.81	0.00
XJE7HF	7.8	-1.19	0.15	94.8	0.11	0.87	40.2	-0.71	0.37	38.6	-0.41	0.25	24.4	-0.68	0.16
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	16.3			94.5			44.0			41.0			29.6		
Median Abs Dev	4.1			1.6			3.1			3.9			3.9		
Avg Within Lab SD	1.4			1.1			1.5			1.5			2.3		
Labs Included	39			38			40			39			38		
Labs Reporting	41			40			41			40			40		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	69.74	0.34	0.00	5.00	0.59		26.01	0.02	0.00	33.52	0.24	0.00	49.66	-0.30	0.00
33TCV7	48.00	-2.39		2.00	-1.17		22.00	-0.64		28.00	-0.56		30.00	-2.65	
43MGP7	65.33	-0.21	2.83	5.33	0.78	1.08	34.33	1.39	4.87	34.33	0.36	1.25	55.33	0.38	0.58
4A9CNN	76.89	1.24	0.72	10.01	3.52X	0.00	33.92	1.32	0.61	44.88	1.89	1.75	60.21	0.96	0.00
4JCNKH	62.69	-0.54	0.40	2.53	-0.86	0.13	20.49	-0.89	0.28	28.11	-0.54	0.55	50.45	-0.20	0.36
4PLKPR	58.33	-1.09	0.88	11.67	4.49X	1.35	31.67	0.95	1.19	43.33	1.67	0.87	48.33	-0.46	0.72
4VNWLP	60.73	-0.79	0.68	5.37	0.80	1.03	24.83	-0.18	0.35	30.90	-0.14	0.68	43.93	-0.98	1.03
4XRR6R	63.47	-0.44	1.25	2.80	-0.70	1.59	19.07	-1.13	0.91	29.87	-0.28	1.21	44.80	-0.88	0.53
6WVT86	64.72	-0.29	0.86	2.50	-0.88		22.65	-0.54	0.58	26.96	-0.71	0.00	49.02	-0.38	0.00
8224BJ	69.50	0.31		2.50	-0.88		25.90	0.00	0.00	31.67	-0.02	0.90	54.70	0.30	0.00
8WPY24	67.00	0.00	2.60	4.00	0.00		27.00	0.18	0.58	37.00	0.75	0.85	57.00	0.58	0.71
99G688	63.67	-0.42	0.19	7.07	1.80	0.36	19.00	-1.14	0.08	26.00	-0.85	0.12	48.77	-0.41	0.13
9ADKK6	75.13	1.02	0.46	5.43	0.84	0.70	29.43	0.58	0.33	32.97	0.16	0.45	55.67	0.42	0.37
ANNKUZ	72.30	0.67	0.00	2.50	-0.88		26.02	0.02	0.00	30.95	-0.13	0.00	57.42	0.63	0.02
AR7KAF	65.00	-0.25		3.33	-0.39	1.35	23.33	-0.42	0.59	27.50	-0.63		52.50	0.04	
CRHYRA	44.00	-2.89X		3.00	-0.59		33.00	1.17		37.00	0.75		64.00	1.42	
DJ233T	79.70	1.60		5.20	0.70		30.90	0.82		38.70	1.00		60.00	0.94	
DJYCVB	66.10	-0.11	2.35	3.81	-0.11	0.91	22.68	-0.53	2.38	27.41	-0.64	2.07	51.41	-0.09	1.25
DULEE7	73.35	0.80	0.44	5.42	0.83	1.35	28.75	0.47	0.00	35.42	0.52	0.43	55.01	0.34	0.00
E9HTCE	72.27	0.66	0.00	2.50	-0.88		25.98	0.01	0.00	36.06	0.61	0.00	60.15	0.96	0.01
EKPX38	69.67	0.34	1.54	3.67	-0.20	0.54	27.67	0.29	0.86	30.00	-0.27	1.59	50.33	-0.22	0.29
EPJUQX	67.20	0.03	0.00	2.50	-0.88	0.00	23.46	-0.40	0.00	31.02	-0.12	0.00	54.32	0.26	0.00
EUY662	62.22	-0.60	0.22	4.01	0.01	0.24	21.33	-0.75	0.34	33.89	0.30	2.75	56.94	0.57	0.38
FA7LQU	78.37	1.43	0.07	4.40	0.23	1.22	31.70	0.96	0.04	42.87	1.60	0.03	64.80	1.51	0.10
FXRLUZ	70.83	0.48	0.44	5.83	1.07	1.35	25.42	-0.08	0.30	35.42	0.52	0.87	57.92	0.69	0.36
G3K6BP	67.00	0.00		2.43	-0.92	0.00	24.80	-0.18	0.00	32.40	0.08	0.00	50.70	-0.17	0.00
GU9RTU	67.00	0.00	0.87	4.00	0.00	1.33	35.50	1.58	0.29	27.00	-0.70		47.00	-0.62	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JYTTM4	53.72	-1.67	0.00	5.84	1.08	0.00	19.88	-0.99	0.00	17.64	-2.06	0.00	17.60	-4.13X	0.00
KH6YB6	64.13	-0.36	1.35	2.80	-0.70	1.95	24.13	-0.29	0.38	30.13	-0.25	2.41	42.13	-1.20	4.83
MG4L43	70.50	0.44		4.00	0.00		31.00	0.84		39.00	1.04		60.50	1.00	
NJPMLV	70.67	0.46	0.71	5.00	0.59	1.88	28.00	0.35		32.00	0.02		56.00	0.46	1.73
NMN28Z	74.00	0.88		4.00	0.00		34.00	1.33		38.00	0.89		50.00	-0.26	
NZRPYU	65.99	-0.13	0.18	1.00	-1.76		28.04	0.35	0.51	31.20	-0.09	0.16	52.74	0.07	0.62
PVCELQ	60.48	-0.82	0.04	2.91	-0.64	0.17	23.98	-0.32	0.03	28.35	-0.51	0.13	50.99	-0.14	0.02
QM2CZP	4.70	-7.84X	0.42	70.10	38.73X	0.00	29.57	0.60	0.31						
RUV2UY	58.00	-1.13	1.06	4.00	0.00	0.94	18.67	-1.19	0.24	23.33	-1.23	0.35	43.33	-1.06	0.29
UPAWBU	70.70	0.47	0.34	5.70	1.00	0.89	25.70	-0.03	0.19	35.70	0.56	0.47	47.03	-0.61	0.53
V9L6NZ	57.08	-1.25	0.00	6.72	1.59	0.00	17.36	-1.41	0.00	23.00	-1.28		42.08	-1.21	0.00
VZQ3MN	66.16	-0.11	0.00	4.16	0.09	0.00	22.16	-0.62	0.00	36.16	0.63	0.00	52.16	0.00	0.00
WHNKCJ	60.05	-0.87	0.00				16.78	-1.50	0.00	22.78	-1.31	0.00	39.97	-1.46	0.00
XJE7HF	80.07	1.64	0.28	3.10	-0.53	0.80	33.03	1.18	0.16	39.33	1.09	0.33	64.67	1.50	0.25
Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	67.0			4.00			25.9			31.8			52.2		
Median Abs Dev	3.8			1.20			3.7			4.0			4.8		
Avg Within Lab SD	1.6			1.07			2.4			1.7			2.0		
Labs Included	39			37			41			40			39		
Labs Reporting	41			40			41			40			40		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	18.08	0.72	0.00	2.50	0.00		31.22	0.28	0.00	28.36	0.60	0.00	20.91	0.48	0.00
33TCV7	40.00	6.58 X		98.00	41.97 X		52.00	5.00 X		52.00	6.60 X		62.00	7.54 X	
43MGP7	15.00	-0.11	1.40	2.67	0.07	2.38	24.00	-1.36	4.90	26.00	0.00	1.85	15.00	-0.53	0.95
4A9CNN	19.01	0.97	2.04	1.00	-0.66	0.00	31.63	0.37	0.63	23.06	-0.75	1.02	18.19	0.01	0.00
4JCNKH	28.25	3.44 X	0.11	5.61	1.37	0.90	38.55	1.94	0.09	34.79	2.23	1.00	36.17	3.10 X	0.32
4PLKPR	20.00	1.23		7.50	2.20		31.67	0.38	0.62	26.67	0.17	1.01	20.00	0.33	
4VNWLP	16.57	0.31	1.62	1.93	-0.25	0.24	27.27	-0.62	0.44	23.17	-0.72	0.85	18.10	0.00	1.89
4XRR6R	21.93	1.75	1.71	8.93	2.83	1.44	39.87	2.24	1.99	34.53	2.16	3.24	27.60	1.63	2.00
6WVT86	14.56	-0.23	0.00	2.50	0.00		26.70	-0.75	0.00	26.96	0.24	0.00	19.61	0.26	0.00
8224BJ	15.40	0.00	0.00				28.50	-0.34		27.43	0.36	1.05	18.20	0.02	0.00
8WPY24	16.50	0.29	1.98	1.50	-0.44		26.50	-0.79	0.61	18.50	-1.90	0.99	12.50	-0.96	1.34
99G688	13.27	-0.57	0.32	1.03	-0.64	0.09	27.97	-0.46	0.11	25.03	-0.25	0.04	13.00	-0.88	
9ADKK6	20.60	1.39	0.00	1.30	-0.53	0.00	31.13	0.26	0.02	29.93	1.00	0.53	23.50	0.93	
ANNKUZ	12.91	-0.67	0.00				28.62	-0.31	0.00	25.80	-0.05	0.00	15.66	-0.42	0.01
AR7KAF	15.00	-0.11					27.50	-0.57		25.00	-0.25		15.00	-0.53	
CRHYRA	13.00	-0.64		1.00	-0.66		24.00	-1.36		22.00	-1.01		7.00	-1.91	
DJ233T	13.90	-0.40		2.90	0.18		29.70	-0.07		24.70	-0.33		22.40	0.74	
DJYCVB	11.50	-1.05	0.34	0.49	-0.88	0.21	25.78	-0.96	0.05	22.83	-0.80	0.76	9.79	-1.43	2.72
DULEE7	15.42	0.00	1.00	2.50	0.00		30.42	0.09	0.62	29.16	0.80	1.01	21.67	0.61	1.37
E9HTCE	15.49	0.02	0.01	2.50	0.00		31.16	0.26	0.00	28.34	0.59	0.00	18.30	0.03	0.01
EKPX38	12.33	-0.82	0.81				27.33	-0.61	0.25	25.67	-0.08	0.40	16.33	-0.30	0.55
EPJUQX	15.51	0.03	0.00	2.50	0.00	0.00	31.27	0.29	0.00	25.85	-0.04	0.00	18.11	0.00	0.00
EUY662	19.28	1.04	0.00	0.51	-0.87	0.00	31.52	0.34	0.00	26.53	0.14	1.78	23.72	0.96	0.84
FA7LQU	14.57	-0.23	0.45	1.17	-0.59	0.24	30.53	0.12	0.15	21.53	-1.13	0.11	14.63	-0.60	0.38
FXRLUZ	12.92	-0.67	1.01				27.50	-0.57		21.25	-1.21		11.25	-1.18	1.18
G3K6BP	17.60	0.59	0.00	3.13	0.28	0.00	31.40	0.32	0.00	27.00	0.25		18.00	-0.02	
GU9RTU	13.50	-0.51	0.99	1.00	-0.66		16.00	-3.18 X		26.00	0.00		16.00	-0.36	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JYTTM4	19.72	1.15	0.00	3.76	0.55	0.00	35.88	1.34	0.00	38.08	3.06X	0.00	29.76	2.00	0.00
KH6YB6	15.07	-0.09	1.41	4.40	0.84	2.24	31.73	0.39	0.20	27.73	0.44	1.13	19.07	0.17	1.75
MG4L43	17.00	0.43		1.00	-0.66		25.50	-1.02		21.00	-1.27		14.00	-0.70	
NJPMLV	14.33	-0.29	1.61				30.00	0.00		25.00	-0.25		12.33	-0.99	0.55
NMN28Z	13.00	-0.64		3.00	0.22		29.00	-0.23		25.00	-0.25		23.00	0.84	
NZRPYU	13.35	-0.55	1.19	1.00	-0.66		22.63	-1.67	0.06	21.47	-1.15	0.66	13.93	-0.72	0.14
PVCELQ	14.36	-0.28	0.04	2.33	-0.08	0.04	28.95	-0.24	0.02	26.07	0.02	0.02	13.96	-0.71	0.09
QM2CZP				12.93	4.59X	1.17	27.40	-0.59	0.00						
RUV2UY	22.33	1.85	2.13	6.33	1.68	2.38	34.33	0.98	0.25	33.67	1.95	0.40	27.67	1.64	0.55
UPAWBU	20.97	1.49	0.72	7.97	2.40	0.80	36.63	1.51	0.17	26.63	0.16	0.28	18.63	0.09	0.38
V9L6NZ	18.08	0.72	0.00	0.36	-0.94	0.00	31.96	0.45	0.00	30.00	1.01		18.00	-0.02	
VZQ3MN	20.00	1.23		4.00	0.66		34.00	0.91		26.00	0.00		20.00	0.33	
WHNKCJ	21.80	1.71	0.00	3.23	0.32	0.00	32.46	0.56	0.00	30.16	1.06	0.00	24.37	1.08	0.00
XJE7HF	12.17	-0.87	0.53	2.17	-0.15	0.09	26.70	-0.75	0.23	22.10	-0.99	0.14	10.97	-1.23	0.24
Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	15.4			2.50			30.0			26.0			18.1		
Median Abs Dev	2.3			1.33			2.5			2.0			3.5		
Avg Within Lab SD	0.7			0.64			2.3			1.4			1.1		
Labs Included	38			33			39			38			38		
Labs Reporting	40			35			41			40			40		



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PVCELQ	28.59		1.00	4.37		1.00	31.16		1.00	30.83		1.00	28.22		1.00	
Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %	
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	28.6			4.37			31.2			30.8			28.2			
Median Abs Dev																
Avg Within Lab SD	0.0			0.06			0.0			0.0			0.1			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups															Data units: %
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PVCELQ	10.39		1.00	0.76		1.00	18.90		1.00	17.77		1.00	11.26		1.00
Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups															Data units: %
	SRS2511			SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	10.4			0.76			18.9			17.8			11.3		
Median Abs Dev															
Avg Within Lab SD	0.0			0.02			0.0			0.0			0.1		
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: %
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	3.213		1.23	0.073		0.81	3.910		1.54	3.060		0.44	4.360		1.85
ANNKUZ	3.330		0.49	0.100		0.00	4.007		0.70	3.197		1.60	4.353		0.40
PVCELQ	18.201		0.85	3.607		1.80	12.253		0.36	13.066		0.92	16.959		0.26
RMUPX2	3.007		1.23	0.077		0.30	3.600		1.01	2.877		0.63	4.120		0.60
Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %
SRS2511			SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	3.27			0.088			3.96			3.13			4.36		
Median Abs Dev															
Avg Within Lab SD	0.02			0.019			0.03			0.04			0.03		
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4JCNKH	408.3	0.11	1.21	45.6	0.00	1.00	473.3	0.01	1.12	576.0	0.06	1.57	866.3	0.08	0.27		
4XRR6R	403.7	-0.08	0.68	56.2	0.69	1.84	472.2	-0.01	0.54	571.0	-0.06	0.44	887.9	0.37	0.11		
9ADKK6	412.3	0.27	1.20	45.2	-0.02	0.92	480.2	0.20	0.87	566.0	-0.17	1.19	753.0	-1.45	2.18		
AJTRWY	353.4	-2.13	0.99	41.1	-0.29	0.29	411.3	-1.65	0.50	475.1	-2.20	0.50	722.9	-1.85	0.44		
DJ233T	394.7	-0.45		83.3	2.46		390.6	-2.21		587.0	0.30		854.5	-0.08			
DULEE7	407.6	0.08	0.89	42.4	-0.21	0.51	480.4	0.20	0.64	629.3	1.25	1.57	882.8	0.30	0.45		
GU9RTU	185.5	-8.99 X	0.38	18.0	-1.80	0.59	242.0	-6.20X	0.52	309.5	-5.91X	0.05	413.0	-6.02X			
JYTTM4	356.7	-2.00	1.35	48.6	0.20	1.42	445.0	-0.75	1.92	534.0	-0.88	0.40	790.7	-0.94	1.32		
V9L6NZ	412.4	0.28	0.16	51.6	0.39	0.27	486.2	0.36	0.60	595.0	0.48	0.19	884.8	0.33	0.11		
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups															Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515				
Grand Median	405.6			45.6			472.8			573.5			860.4				
Median Abs Dev	6.7			4.5			10.5			17.5			25.9				
Avg Within Lab SD	5.6			2.4			5.4			12.9			20.6				
Labs Included	8			9			8			8			8				
Labs Reporting	9			9			9			9			9				



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4PLKPR	89.53		0.89	7.90		0.17	131.30		1.10	48.67		1.38	42.00		0.94	
KH6YB6	59.77		1.10	4.93		1.40	75.63		0.89	23.83		0.32	18.77		1.06	
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median	74.7			6.42			103.5			36.3			30.4			
Median Abs Dev																
Avg Within Lab SD	3.4			0.58			5.6			3.6			2.0			
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		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MG4L43	5.0			15.7		1.34	7.7		1.40	91.0		1.40	33.3		1.30
W3BAKQ	6.1		1.00	15.1		0.46	9.5		0.18	85.3		0.19	33.8		0.57
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups													Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515		
Grand Median	5.53			15.4			8.61			88.2			33.6		
Median Abs Dev															
Avg Within Lab SD	0.04			0.4			0.41			1.9			0.4		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AEJDEZ	0.84		1.00	6.58		1.00	2.49		1.17	0.31		1.00	48.77		1.40	
MG4L43	1.00			13.00			3.33		0.80				64.33		0.23	
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS2511				SRS2512			SRS2513			SRS2514			SRS2515			
Grand Median		0.92			9.79			2.91			0.31			56.6		
Median Abs Dev																
Avg Within Lab SD		0.42			0.31			0.72			0.24			2.5		
Labs Included		2			2			2			1			2		
Labs Reporting		2			2			2			1			2		



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Dry Matter (%) (SubTestCode 201)													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	96.6	0.61	1.29	96.1	0.64	1.35	97.4	1.22	1.14	96.7	0.37	1.72	
7R3R2K	94.7	-1.18	0.71	93.9	-1.33	0.40	96.0	-0.63	0.60	95.3	-0.64	0.17	
8WPY24	94.5	-1.38	2.60	94.1	-1.22	2.42	95.2	-1.59	2.24	95.1	-0.81	2.11	
9ADKK6	95.8	-0.10	0.18	95.3	-0.12	0.05	96.3	-0.16	0.10	95.8	-0.27	0.20	
ANNKUZ	95.8	-0.13	0.00	94.8	-0.55	0.00	96.4	-0.08	0.00	95.4	-0.59	0.00	
AR7KAF	95.5	-0.37	0.03	95.1	-0.31	0.10	95.9	-0.71	0.15	95.9	-0.22	0.10	
DULEE7	97.0	1.00	0.17	96.7	1.12	0.14	97.1	0.84	0.03	97.9	1.21	0.13	
FCEVG7	96.7	0.70	0.00	96.2	0.70	0.00	97.4	1.18	0.00	98.3	1.50	0.00	
KGB96Q	97.2	1.19	0.44	97.2	1.63	0.07	97.2	0.91	0.12	97.6	1.02	0.28	
MG4L43	96.2	0.19	0.00	95.6	0.13	0.00	96.5	0.08	0.00	96.5	0.20		
PRGMDT	95.4	-0.47	0.16	95.0	-0.37	0.26	96.3	-0.25	0.91	95.9	-0.20	0.17	
PVCELQ	96.0	0.10	0.08	95.6	0.20	0.04	97.0	0.72	0.02	97.2	0.74	0.03	
RUV2UY	95.0	-0.84	1.33	94.6	-0.73	1.40	95.9	-0.67	0.82	95.1	-0.78	1.70	
W9FBHY	96.8	0.78	2.00	95.5	0.12	2.25	97.0	0.73	2.60	97.5	0.95	1.87	
WYREJJ	96.7	0.74		96.2	0.70		96.8	0.38		96.9	0.51		
ZEVRQQ	94.8	-1.04	0.00	94.4	-0.90	0.00	96.0	-0.64	0.00	95.1	-0.78	0.00	
Dry Matter (%) (SubTestCode 201)													Data units: Percent
SRB2509			SRB2510			SRB2511			SRB2512				
Grand Median	95.9		95.4		96.5		96.2						
Median Abs Dev	0.8		0.8		0.5		1.0						
Avg Within Lab SD	0.4		0.4		0.3		0.3						
Labs Included	16		16		16		16						
Labs Reporting	16		16		16		16						



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NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	1,238.0	0.16	0.56	766.3	0.56	0.48	15.0	-0.31		2.0	-0.33	0.19
6BYXUK	1,358.3	1.06	0.04	761.3	0.50	0.33	72.3	2.51	3.09	85.3	2.60	0.87
7R3R2K	1,098.0	-0.90	0.34	745.7	0.34	0.17						
AEJDEZ	1,118.7	-0.74	0.28	662.3	-0.55	0.39	19.3	-0.10	0.89	6.6	-0.17	0.66
AR7KAF	1,126.4	-0.69	0.16	688.4	-0.27	0.20	2.7	-0.91	0.05	0.2	-0.39	0.00
CTVT8A	1,165.0	-0.39	0.40	702.0	-0.13	1.10	34.1	0.63	0.19	23.9	0.44	0.30
DJYCVB	1,164.3	-0.40	0.06	673.3	-0.43	0.13	10.0	-0.56		10.0	-0.05	
DULEE7	1,251.4	0.26	0.11	721.9	0.08	0.06	23.8	0.12	0.10	10.0	-0.05	0.09
ELKG49	1,196.7	-0.16	0.66	581.3	-1.41	1.81	21.3	0.00	0.47	7.7	-0.13	0.20
HCNKU3	1,080.3	-1.03	3.78	705.7	-0.09	2.26	10.5	-0.53	0.11	63.5	1.83	3.31
KH6YB6	1,166.7	-0.38	0.43	620.7	-0.99	1.12	48.6	1.34	1.62	27.8	0.57	0.36
MG4L43	1,309.5	0.70		840.7	1.34	0.25	55.0	1.65	0.86	97.0	3.01	
NJPMLV	1,252.7	0.27	0.78	734.8	0.22	2.48	52.9	1.55	1.37	27.3	0.56	1.87
NZRPYU	1,349.5	1.00	1.14	836.9	1.30	0.74	17.7	-0.18	0.16	11.4	0.00	0.11
PRGMDT	1,294.4	0.58	0.19	830.9	1.24	0.38	13.9	-0.37	0.05	2.0	-0.33	0.02
PVCELQ	1,297.1	0.60	0.05	693.7	-0.21	0.05	15.2	-0.30	0.03	1.1	-0.36	0.00
RUV2UY	1,425.7	1.57	0.39	873.0	1.69	0.97	35.0	0.67	0.96	19.3	0.28	0.65
W3BAKQ	1,157.3	-0.45	0.23	680.3	-0.36	0.18	17.5	-0.19	0.12	10.7	-0.03	0.06
W9FBHY	1,116.1	-0.76	0.08	706.0	-0.08	0.71	36.4	0.74	0.31	52.4	1.44	0.14
YXQ4ZL	1,401.7	1.39	1.10	873.9	1.70	0.45	24.4	0.15	0.32	18.3	0.24	0.77

NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB2509	SRB2510	SRB2511	SRB2512
Grand Median	1,217.3	713.9	21.3	11.4
Median Abs Dev	85.4	44.0	10.9	9.5
Avg Within Lab SD	67.9	22.8	6.5	7.6
Labs Included	20	20	19	19
Labs Reporting	20	20	19	19



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NO3 - N ISE (SubTestCode 203)														Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
MG4L43	1,309.5			840.7		0.06	55.0		0.31	97.0				
UPAWBU	2,653.3		0.53	1,913.3		1.86	296.7		1.67	373.3		0.95		
XWF2EM	1,207.0		1.64	793.3		0.70								
ZEVRQQ	1,582.3		0.20	936.6		0.21	72.5		0.32	185.8		1.05		
NO3 - N ISE (SubTestCode 203)														Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512				
Grand Median	1,445.9			888.7			72.5			185.8				
Median Abs Dev														
Avg Within Lab SD	76.1			90.6			18.3			6.1				
Labs Included	4			4			3			3				
Labs Reporting	4			4			3			3				



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NO3 - N Oth. (SubTestCode 204)		Data units: mg/kg											
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9ADKK6	1,493.3		0.11	1,090.0		0.61	886.7		1.72	676.7		1.71	
FCEVG7	3.7		0.00	5.3		0.00	1.3		0.00	2.4		0.00	
WYREJJ	1,602.2		1.73	813.1		1.62	37.9		0.16	21.2		0.27	
NO3 - N Oth. (SubTestCode 204)		Data units: mg/kg											
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	1,493.3			813.1			37.9			21.2			
Median Abs Dev													
Avg Within Lab SD	27.0			21.7			7.3			9.4			
Labs Included	3			3			3			3			
Labs Reporting	3			3			3			3			



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NH4-N (SubTestCode 205)													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PRGMDT	274.9		1.29	472.9		1.03	8.6		1.38	181.8		0.76	
PVCELQ	4,193.0		0.59	3,824.3		0.97	846.9		0.29	1,715.6		1.19	
NH4-N (SubTestCode 205)													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	2,233.9			2,148.6			427.8			948.7			
Median Abs Dev													
Avg Within Lab SD	2.4			2.0			2.1			2.3			
Labs Included	2			2			2			2			
Labs Reporting	2			2			2			2			



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PO4 - P (SubTestCode 206)													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	1,855.0	-0.05	0.24	2,612.3	0.20	0.21	556.0	0.82	1.05	2,284.3	0.31	0.26	
6BYXUK	1,801.7	-0.29	0.07	2,616.7	0.22	0.04	432.0	-0.48	0.04	2,031.0	-0.46	1.41	
AEJDEZ	1,620.7	-1.09	0.18	2,275.3	-1.21	0.60	406.0	-0.76	0.79	2,034.0	-0.45	0.52	
CTVT8A	1,902.3	0.16	0.73	2,477.7	-0.36	0.39	499.0	0.22	0.91	2,181.0	0.00	1.30	
DJYCVB	1,907.3	0.18	0.01	2,454.3	-0.46	0.01	457.3	-0.22	0.02	2,273.3	0.28	0.01	
HCNKU3	2,380.0	2.27	1.38	3,589.5	4.28X	1.27	832.4	3.71X	3.51	2,956.2	2.36	0.87	
KH6YB6	1,910.0	0.19	0.59	2,546.7	-0.08	0.14	373.7	-1.10	0.39	1,825.0	-1.08	0.25	
MG4L43	1,479.6	-1.71	0.02	1,925.5	-2.67	0.18	386.4	-0.96	0.17	2,043.8	-0.42	0.04	
NJPMLV	1,845.0	-0.10	0.25	2,609.1	0.18	0.41	578.7	1.05	0.71	2,265.0	0.26	0.38	
UPAWBU	1,866.7	0.00	0.25	2,583.3	0.08	0.17	503.3	0.26	0.62	2,120.0	-0.19	0.26	
W9FBHY	2,181.3	1.39	2.83	2,872.1	1.28	3.03	561.9	0.88	2.52	2,713.7	1.62	2.44	

PO4 - P (SubTestCode 206)					Data units: mg/kg
	SRB2509	SRB2510	SRB2511	SRB2512	
Grand Median	1,866.7	2,565.0	478.2	2,181.0	
Median Abs Dev	43.3	69.5	75.0	137.2	
Avg Within Lab SD	198.9	228.4	51.5	263.2	
Labs Included	11	10	10	11	
Labs Reporting	11	11	11	11	



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SO4 - S (SubTestCode 207)													Data units: mg/kg		
SRB2509				SRB2510			SRB2511			SRB2512					
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
MG4L43	1,090.6		0.77	334.3		0.09	348.2		0.73	357.3		0.04			
ZEVRQQ	942.5		1.19	1,214.3		1.41	265.0		1.21	1,178.5		1.41			
SO4 - S (SubTestCode 207)													Data units: mg/kg		
SRB2509				SRB2510			SRB2511			SRB2512					
Grand Median	1,016.5			774.3			306.6			767.9					
Median Abs Dev															
Avg Within Lab SD	11.9			16.9			5.8			13.2					
Labs Included	2			2			2			2					
Labs Reporting	2			2			2			2					



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CI (SubTestCode 208)													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	0.680	-0.34	1.68	0.057	-0.61	1.58	0.020	-0.71	0.00	0.120	-0.49	2.20	
6BYXUK	0.713	-0.11	0.21	0.070	-0.34	1.03	0.040	-0.46	0.00	0.150	0.22	0.00	
7R3R2K	0.720	-0.06	0.37	0.093	0.12	0.60	0.120	0.57	0.94	0.140	-0.02	1.10	
9ADKK6	0.780	0.37	0.63	0.050	-0.74	0.00	0.023	-0.67	0.54	0.130	-0.26	0.00	
B8EY4H	0.547	-1.29	0.32	0.163	1.48		0.091	0.20		0.126	-0.35		
CTVT8A	0.873	1.03	1.12	0.073	-0.28	1.58	0.080	0.06	0.00	0.100	-0.97	0.00	
DJYCVB	245.033	743.70	X 2.11	84.607	661.92	X 1.19	73.340	938.07	X 0.00	95.903	265.42	X 0.63	
KB6FBV	0.652	-0.54	1.55	0.087	0.00	0.61	0.071	-0.06	0.43	0.170	0.69	0.10	
KH6YB6	0.770	0.30	1.94	0.117	0.57	0.60	0.137	0.78	1.44	0.140	-0.02	2.20	
MG4L43	1.606	6.26	X 1.04	0.309	4.36	X 0.25	0.066	-0.12	0.05	0.256	2.73	0.00	
PRGMDT	0.728	0.00	0.06	0.059	-0.57	0.11	0.026	-0.64	0.03	0.132	-0.22	0.17	
RUV2UY	0.897	1.20	1.48	0.177	1.75	2.15	0.237	2.06	2.88	0.207	1.56	0.63	
UPAWBU	0.783	0.39	0.92	0.147	1.16	0.60	0.113	0.48	1.44	0.220	1.87	1.10	
W9FBHY	0.788	0.43	0.53	0.097	0.19	1.01	0.126	0.65	1.04	0.142	0.02	0.95	
WHNKCJ	0.600	-0.92	0.00	0.057	-0.61	0.60	0.010	-0.84	0.00	0.127	-0.33	0.63	
WYREJJ	0.692	-0.26	0.33	0.075	-0.24	0.40	0.062	-0.17	0.21	0.169	0.67	0.44	
YXQ4ZL	1.131	2.87	0.82	0.162	1.46	0.57	0.258	2.33	0.14	0.157	0.39	1.00	
CI (SubTestCode 208)													Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	0.73			0.087			0.076			0.14			
Median Abs Dev	0.05			0.029			0.047			0.02			
Avg Within Lab SD	0.03			0.010			0.011			0.01			
Labs Included	15			15			16			16			
Labs Reporting	17			17			17			17			



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TKN (SubTestCode 209)													Data units: Percent
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8WPY24	4.18	2.40	2.26	6.32	4.68X	2.76	1.46	0.92	0.74	2.65	8.38X	5.62	
AJTRWY	3.76	0.20	1.18	5.30	0.45	1.01	1.22	-1.26	1.71	2.37	-0.12	2.16	
ANNKUZ	3.72	-0.01	0.65	5.03	-0.70	0.44	1.32	-0.39	0.59	2.30	-2.27	0.02	
CRHYRA	3.72	0.01	0.17	5.36	0.68	0.22	1.40	0.39	0.29	2.38	0.00	0.18	
FA7LQU	3.50	-1.17	0.72	4.96	-0.97	0.23	1.41	0.46	0.72	2.42	1.40	1.27	
KH6YB6	3.70	-0.11	0.60	5.37	0.74	1.62	1.40	0.40	1.67	2.40	0.70	0.77	
MG4L43	3.54	-0.93	0.28	4.91	-1.17	0.58	1.24	-1.13	0.18	2.37	-0.08	0.27	
PRGMDT	3.83	0.55	0.27	5.20	0.00	1.64	1.31	-0.45	0.85	2.38	0.16	0.09	
TKN (SubTestCode 209)													Data units: Percent
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	3.72			5.20			1.36			2.38			
Median Abs Dev	0.07			0.17			0.05			0.00			
Avg Within Lab SD	0.03			0.05			0.03			0.03			
Labs Included	8			7			8			7			
Labs Reporting	8			8			8			8			



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	3.72	-0.07	1.88	5.13	-0.26	0.90	1.33	-0.10	1.05	2.33	-0.24	1.50
47NKDL	3.63	-0.67	0.15	5.27	0.33	0.69	1.37	0.31	1.00	2.37	0.04	0.17
6BYXUK	3.70	-0.23	0.51	4.99	-0.87	0.07	1.37	0.34	0.30	2.33	-0.27	0.07
6N2LME	3.76	0.16	0.52	5.17	-0.12	0.87	1.32	-0.20	0.46	2.26	-0.79	0.17
7R3R2K	3.50	-1.44	0.40	4.61	-2.52	0.24	1.35	0.07	0.35	2.24	-0.95	0.17
99G688	3.68	-0.36	0.54	5.06	-0.58	0.16	1.23	-1.11	2.99	2.05	-2.40	0.35
9ADKK6	3.83	0.59	0.00	5.13	-0.28	0.16	1.28	-0.64	0.13	2.37	0.04	0.50
AEJDEZ	3.58	-0.94	2.21	5.18	-0.07	0.93	1.32	-0.17	1.52	2.35	-0.09	0.10
AJTRWY	3.68	-0.36	0.30	5.16	-0.16	0.07	1.32	-0.18	0.27	2.42	0.45	0.53
AR7KAF	3.89	0.99	0.71	5.51	1.38	1.17	1.40	0.58	0.47	2.43	0.46	0.45
B8EY4H	4.08	2.17	2.14	5.76	2.45	2.01	1.57	2.28	0.98	2.55	1.38	0.40
CTVT8A	4.29	3.47 X	6.02	5.05	-0.64	3.56	1.89	5.58 X	2.22	3.09	5.47 X	3.62
CXNRL6	3.90	1.02	1.28	5.59	1.70	1.24	1.27	-0.70	0.80	2.37	0.00	0.45
DULEE7	3.60	-0.84	0.20	5.23	0.14	0.28	1.25	-0.88	0.19	2.25	-0.84	0.53
ELKG49	3.87	0.82	0.60	2.22	-12.88 X	0.18	1.15	-1.91	0.79	5.55	24.05 X	0.51
EUY662	3.74	0.03	1.98	5.25	0.24	1.38	1.27	-0.67	0.56	2.33	-0.25	0.15
FCEVG7	1,373.33	520.75 X	108.31	795.67	427.66 X	92.80						
HBT2T2	3.68	-0.32	0.15	5.01	-0.80	0.27	1.29	-0.53	0.26	2.30	-0.49	0.29
HCNKU3	3.74	0.01	0.55	5.32	0.56	1.83	1.28	-0.55	0.70	2.27	-0.72	5.14
KB6FBV	3.70	-0.20	1.34	5.17	-0.10	0.69	1.27	-0.71	1.11	2.25	-0.85	0.65
KGB96Q	3.57	-1.01	0.40	5.08	-0.49	0.16	1.46	1.18	0.58	2.37	0.06	0.59
MG4L43	3.62	-0.69	0.50	5.06	-0.58	0.23	1.33	-0.07	0.21	2.44	0.59	0.44
MY24TX	3.96	1.38	0.54	5.51	1.36	0.24	1.83	4.91 X	0.26	2.65	2.15	0.17
NJPMLV	3.57	-1.05	1.50	5.07	-0.55	0.91	1.17	-1.74	1.32	2.20	-1.25	0.00
NZRPYU	3.64	-0.59	0.14	5.17	-0.12	0.45	1.26	-0.78	0.05	2.35	-0.09	0.23
PRGMDT	3.73	-0.01	0.40	5.11	-0.36	0.16	1.37	0.27	0.13	2.37	0.01	0.19
PVCELQ	3.86	0.79	0.03	5.65	1.99	0.02	1.41	0.67	0.08	2.86	3.76 X	0.03



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Q3RH7X	3.73	-0.03	1.35	5.07	-0.52	0.90	1.43	0.88	2.47	2.33	-0.29	1.06	
RUV2UY	3.91	1.08	0.19	5.41	0.96	0.17	1.36	0.17	0.55	2.69	2.48	0.50	
TXAWAW	3.77	0.20	2.45	5.21	0.07	1.51	1.42	0.78	1.92	2.47	0.75	1.47	
UPAWBU	3.75	0.07	1.52	5.29	0.43	1.17	1.45	1.08	1.85	2.48	0.86	0.73	
VL9DNL	3.94	1.25	0.79	5.22	0.11	0.48	1.47	1.35	0.58	2.52	1.19	0.59	
VZQ3MN	4.11	2.33	0.26	5.43	1.01	0.09	1.40	0.64	0.13	2.53	1.27	0.26	
W3BAKQ	5.26	9.49 X	0.69	3.74	-6.29 X	0.56	1.46	1.21	0.69	2.39	0.19	0.33	
W9FBHY	3.77	0.19	0.59	5.22	0.11	1.08	1.38	0.42	1.48	2.31	-0.38	0.50	
WHNKCJ	4.10	2.25	0.15	5.60	1.76	0.16	1.37	0.27	0.13	2.39	0.16	0.10	
WYREJJ	3.74	0.04	0.45	5.33	0.60	0.51	1.36	0.18	0.28	2.55	1.38	0.28	
XWF2EM	3.70	-0.24	0.57	5.02	-0.77	1.10	1.32	-0.20	0.76	2.32	-0.32	0.64	
YXQ4ZL	3.70	-0.22	0.45	5.14	-0.25	0.09	1.42	0.81	0.23	2.32	-0.34	0.29	
ZD26AG	3.66	-0.45	0.30	5.25	0.24	0.88	1.25	-0.87	0.26	2.26	-0.79	0.33	
ZEVRQQ	3.82	0.54	0.35	5.22	0.13	0.27	1.32	-0.15	0.25	2.38	0.14	0.06	
N- Dry Comb. (SubTestCode 210)													Data units: Percent
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	3.74			5.19			1.34			2.37			
Median Abs Dev	0.09			0.12			0.06			0.06			
Avg Within Lab SD	0.04			0.06			0.04			0.06			
Labs Included	38			38			38			37			
Labs Reporting	41			41			40			40			



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S- Dry Comb. (SubTestCode 211)												Data units: Percent			
SRB2509				SRB2510				SRB2511				SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
99G688	42.90		1.73	44.70		1.73	48.65		1.73	42.47		1.73			
DULEE7	0.30		0.02	0.24		0.12	0.13		0.02	0.13		0.02			
PVCELQ	0.29		0.03	0.26		0.01	0.10		0.00	0.15		0.01			
S- Dry Comb. (SubTestCode 211)												Data units: Percent			
SRB2509				SRB2510				SRB2511				SRB2512			
Grand Median		0.30		0.26		0.13		0.15							
Median Abs Dev															
Avg Within Lab SD		0.05		0.06		0.15		0.14							
Labs Included		3		3		3		3		3		3			
Labs Reporting		3		3		3		3		3		3			



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C-Dry Comb (SubTestCode 2111)													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	42.9	-0.03	0.44	44.5	0.00	1.59	47.6	-0.37	2.54	42.0	-0.10	2.21	
6N2LME	43.8	0.44	1.17	45.6	0.54	1.16	48.7	0.16	1.62	43.1	0.44	1.33	
9ADKK6	44.6	0.85	0.58	45.6	0.58	1.68	49.7	0.62	0.64	44.3	1.09	0.39	
AJTRWY	42.5	-0.24	0.06	44.2	-0.14	0.26	47.9	-0.21	0.08	41.6	-0.35	0.21	
B8EY4H	45.6	1.33		47.7	1.62		52.5	1.91		45.3	1.61		
DULEE7	43.2	0.12	0.19	45.0	0.27	0.08	48.6	0.10	0.02	42.2	0.00	0.59	
MG4L43	40.5	-1.29	1.13	42.1	-1.17	1.58	45.7	-1.24	0.20	40.1	-1.13	0.19	
PRGMDT	42.9	-0.04	0.12	44.4	-0.01	0.23	48.3	-0.04	0.14	42.1	-0.09	0.05	
PVCELQ	42.1	-0.47	0.60	43.9	-0.30	0.02	47.6	-0.35	0.04	42.2	0.01	0.06	
VZQ3MN	48.0	2.62	1.93	49.8	2.64	0.00	53.6	2.42	0.13	47.2	2.59	0.81	
XWF2EM	43.0	0.00	1.64	44.2	-0.15	0.82	48.4	0.00	0.65	42.2	-0.03	1.45	

C-Dry Comb (SubTestCode 2111)					Data units: Percent
	SRB2509	SRB2510	SRB2511	SRB2512	
Grand Median	43.0	44.5	48.4	42.2	
Median Abs Dev	0.8	0.6	0.8	0.7	
Avg Within Lab SD	0.1	0.1	0.4	0.2	
Labs Included	11	11	11	11	
Labs Reporting	11	11	11	11	



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	0.30	-1.46	0.96	0.35	-2.16	0.88	0.07	-2.39	1.10	0.32	-4.11X	1.01	
47NKDL	0.38	1.93	2.38	0.40	-0.40	0.58				0.42	0.77	2.14	
6BYXUK	0.38	1.97	0.48	0.44	1.24	0.76	0.10	0.00	0.00	0.41	0.59	0.50	
6N2LME	0.33	-0.31	0.59	0.40	-0.24	0.56	0.10	-0.18	0.66	0.39	-0.68	0.26	
8WPY24	0.34	0.06	0.91	0.41	0.25	0.58	0.10	-0.03	0.29	0.41	0.28	0.84	
9ADKK6	0.37	1.31	0.48	0.45	1.60	0.00	0.13	2.39	1.10	0.43	1.64	1.01	
AEJDEZ	0.33	-0.31	0.77	0.40	-0.36	0.81	0.10	-0.06	0.55	0.39	-0.43	0.87	
AJTRWY	0.34	0.20	0.37	0.41	0.13	0.95	0.10	-0.03	0.37	0.40	0.01	0.71	
ANNKUZ	0.32	-0.67	0.13	0.40	-0.30	0.32	0.08	-2.21	0.11	0.38	-1.34	0.25	
AR7KAF	0.36	1.07	0.22	0.45	1.51	0.13	0.11	0.94	0.19	0.40	0.03	0.37	
CRHYRA	0.34	0.26	0.00	0.41	0.27	0.44	0.11	0.60	1.10	0.39	-0.45	0.50	
CTVT8A	0.35	0.78	0.96	0.44	1.36	0.88	0.09	-0.90	1.90	0.42	0.77	2.19	
CXNRL6	0.34	0.23	1.05	0.40	-0.35	0.12	0.10	-0.09	0.19	0.41	0.63	0.49	
DJYCVB	0.33	-0.15	0.10	0.39	-0.41	0.50	0.11	0.81	0.00	0.39	-0.70	0.75	
DULEE7	0.29	-1.58	0.98	0.34	-2.52	0.25	0.11	0.45	0.33	0.36	-2.14	1.18	
E8N37Z	0.34	0.35	0.49	0.41	0.22	1.03	0.09	-0.54	0.39	0.38	-0.99	1.17	
ELKG49	0.30	-1.34	1.27	0.37	-1.26	2.34	0.09	-1.08	0.50	0.36	-2.40	1.23	
EUY662	0.34	0.44	0.68	0.42	0.41	1.05	0.11	0.64	1.04	0.41	0.56	1.01	
FA7LQU	0.32	-0.48	0.10	0.39	-0.53	0.32	0.10	-0.30	0.48	0.39	-0.68	0.30	
FCEVG7	0.33	-0.01	0.48	0.41	0.02	0.44	0.10	0.00	0.00	0.40	-0.10	0.00	
GCV8WQ	0.33	-0.14	0.00	0.40	-0.22	0.00	0.10	0.00	0.00	0.40	-0.28	0.50	
HBT2T2	0.33	0.01	0.05	0.41	-0.02	0.25	0.10	0.03	0.11	0.40	0.02	0.35	
HCNKU3	0.35	0.58	1.11	0.43	0.93	0.37	0.12	1.35	2.52	0.43	1.55	0.68	
KB6FBV	0.28	-2.04	2.82	0.35	-2.10	2.94	0.08	-1.53	1.64	0.32	-4.06X	3.23	
KGB96Q	0.37	1.58	0.31	0.47	2.42	0.38	0.09	-0.72	0.19	0.41	0.58	0.31	
KH6YB6	0.30	-1.30	0.58	0.38	-1.04	0.59	0.09	-0.66	0.29	0.37	-1.81	0.22	
MG4L43	0.32	-0.61	0.14	0.39	-0.57	0.11	0.10	-0.36	0.18	0.40	0.10	0.05	



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P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MY24TX	0.36	0.92	0.96	0.42	0.63	1.17	0.11	1.20	1.10	0.39	-0.63	0.87
NJFMLV	0.33	-0.14	3.61	0.41	0.15	3.33	0.11	0.78	3.74	0.41	0.25	2.80
NZRPYU	0.34	0.06	0.55	0.41	0.06	0.38	0.10	0.13	0.16	0.40	-0.08	1.25
PRGMDT	0.35	0.58	0.26	0.42	0.41	0.13	0.11	0.46	0.17	0.41	0.17	0.41
PVCELQ	0.28	-2.07	0.07	0.40	-0.22	0.14	0.12	1.83	0.09	0.40	-0.01	0.22
Q3RH7X	0.33	-0.14	0.00	0.42	0.39	1.17	0.11	1.23	1.21	0.39	-0.45	1.33
RUV2UY	0.33	-0.32	0.51	0.39	-0.63	0.87	0.10	-0.12	0.11	0.41	0.59	0.27
TXAWAW	0.34	0.15	0.88	0.41	0.16	0.66	0.10	-0.13	0.16	0.40	-0.36	0.24
VL9DNL	0.32	-0.53	0.00	0.40	-0.10	0.44	0.10	0.30	1.10	0.39	-0.80	0.50
VZQ3MN	0.35	0.49	0.14	0.42	0.36	0.08	0.11	0.51	0.11	0.41	0.66	0.18
W3BAKQ	0.33	-0.01	1.26	0.40	-0.22	0.76	0.11	0.90	1.90	0.41	0.42	0.87
W9FBHY	0.37	1.42	0.53	0.45	1.64	0.73	0.11	0.78	0.54	0.43	1.56	0.83
WHNKCJ	0.32	-0.40	0.48	0.39	-0.58	0.00	0.09	-0.90	0.00	0.38	-1.32	0.50
WYREJJ	0.33	-0.08	0.11	0.40	-0.22	0.72	0.10	0.11	0.53	0.41	0.18	0.45
XWF2EM	0.34	0.29	0.27	0.41	0.29	0.51	0.11	0.74	0.55	0.40	-0.10	0.29
YXQ4ZL	0.33	-0.27	0.48	0.40	-0.22	0.00	0.10	0.00	0.00	0.39	-0.63	0.87
ZD26AG	0.35	0.65	1.43	0.42	0.51	2.02	0.11	0.60	1.10	0.41	0.59	2.52
P (SubTestCode 212) in the Wet Digestion Property Groups												Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	0.33			0.41			0.10			0.40		
Median Abs Dev	0.01			0.01			0.01			0.01		
Avg Within Lab SD	0.01			0.01			0.01			0.01		
Labs Included	44			44			43			42		
Labs Reporting	44			44			43			44		



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	3.32	-0.28	2.32	2.15	-0.18	2.55	0.69	0.24	3.19	1.46	-0.70	2.16
47NKDL	3.62	1.04	2.58	2.10	-0.50	1.52	0.69	0.26	1.43	1.60	1.12	1.25
6BYXUK	3.55	0.73	0.17	2.27	0.64	0.21	0.63	-1.17	0.00	1.44	-0.91	3.90
6N2LME	3.40	0.07	0.86	2.19	0.11	1.18	0.69	0.05	1.46	1.53	0.21	0.58
8WPY24	3.18	-0.86	0.90	2.06	-0.75	0.39	0.65	-0.80	0.59	1.37	-1.79	0.35
9ADKK6	3.66	1.22	0.13	2.44	1.75	0.70	0.85	3.70X	0.97	1.60	1.08	0.61
AEJDEZ	3.09	-1.26	0.62	2.16	-0.09	1.58	0.67	-0.24	1.38	1.52	0.06	0.72
AJTRWY	3.31	-0.31	0.82	2.12	-0.40	0.64	0.69	0.11	0.83	1.54	0.34	0.60
ANNKUZ	3.27	-0.50	0.56	2.06	-0.76	0.05	0.63	-1.15	0.23	1.51	0.00	0.22
AR7KAF	3.56	0.80	0.09	2.33	1.03	0.03	0.73	0.94	0.28	1.57	0.77	0.22
CRHYRA	3.36	-0.09	0.19	2.08	-0.61	0.11	0.67	-0.21	0.32	1.46	-0.65	0.17
CTVT8A	3.59	0.91	0.91	2.35	1.16	1.26	0.70	0.35	0.16	1.58	0.82	1.01
CXNRL6	3.42	0.19	0.87	2.06	-0.75	0.64	0.68	-0.08	0.57	1.52	0.15	0.49
DJYCVB	2.19	-5.22X	0.06	1.33	-5.57X	0.49	1.00	6.93X	0.16	1.13	-4.79X	0.36
DULEE7	2.93	-2.00	1.26	1.91	-1.76	0.56	0.63	-1.23	0.26	1.44	-0.96	0.23
E8N37Z	3.29	-0.41	0.91	2.18	0.02	1.40	0.61	-1.58	0.84	1.40	-1.37	0.78
ELKG49	3.44	0.27	1.58	2.12	-0.38	2.00	0.69	0.18	0.99	1.52	0.08	0.80
EUY662	3.26	-0.53	0.56	2.10	-0.51	0.22	0.69	0.08	0.59	1.47	-0.56	0.33
FA7LQU	3.26	-0.52	0.14	2.09	-0.57	0.35	0.67	-0.39	1.63	1.46	-0.62	0.34
FCEVG7	3.28	-0.42	0.68	2.05	-0.86	0.65	0.64	-0.95	0.56	1.43	-0.99	0.20
GCV8WQ	3.43	0.21	0.17	2.22	0.29	0.19	0.68	0.01	0.65	1.53	0.23	0.46
HBT2T2	3.50	0.54	0.36	2.32	0.96	0.21	0.71	0.53	0.32	1.55	0.44	0.10
HCNKU3	3.57	0.84	1.10	2.33	0.98	0.38	0.75	1.39	0.73	1.63	1.48	0.65
KB6FBV	3.43	0.21	2.78	2.24	0.43	2.37	0.72	0.77	2.85	1.52	0.14	1.73
KGB96Q	2.76	-2.74X	0.06	1.83	-2.30	0.28	0.57	-2.42	0.86	1.18	-4.20X	0.17
KH6YB6	3.07	-1.35	0.20	2.02	-1.05	0.93	0.65	-0.72	0.56	1.43	-1.03	0.52
MG4L43	3.19	-0.85	0.18	2.10	-0.50	0.15	0.66	-0.42	0.46	1.45	-0.74	0.16



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K (SubTestCode 213) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MY24TX	3.69	1.35	0.28	2.18	0.02	0.19	0.65	-0.65	0.32	1.43	-1.08	0.20
NJFMLV	3.17	-0.94	2.34	2.07	-0.72	2.14	0.64	-0.87	1.17	1.43	-0.99	2.64
NZRPYU	3.47	0.39	0.02	2.21	0.23	0.23	0.70	0.36	0.79	1.55	0.51	0.89
PRGMDT	3.53	0.64	0.25	2.32	0.92	0.08	0.70	0.29	0.28	1.57	0.69	0.10
PVCELQ	3.59	0.93	0.00	2.39	1.43	0.06	0.67	-0.24	0.02	1.80	3.63X	0.13
Q3RH7X	3.21	-0.73	1.58	2.27	0.59	2.14	0.77	1.86	2.12	1.46	-0.70	0.70
RUV2UY	3.35	-0.15	0.36	2.18	0.00	0.91	0.65	-0.72	0.00	1.51	0.02	0.26
TXAWAW	3.35	-0.15	0.28	2.19	0.07	0.69	0.68	-0.01	0.49	1.48	-0.42	0.11
VL9DNL	3.57	0.82	0.65	2.40	1.47	0.00	0.60	-1.83	0.00	1.50	-0.15	
VZQ3MN	3.47	0.41	0.03	2.34	1.06	0.09	0.71	0.66	0.09	1.58	0.87	0.11
W3BAKQ	2.85	-2.34	0.34	2.06	-0.75	0.75	0.66	-0.50	0.56	1.47	-0.57	0.72
W9FBHY	3.36	-0.07	0.34	2.14	-0.22	0.81	0.69	0.09	0.57	1.49	-0.24	0.55
WHNKCJ	3.13	-1.11	0.28	2.02	-1.05	0.11	0.63	-1.09	0.32	1.41	-1.24	0.20
WYREJJ	3.60	0.98	1.04	2.22	0.28	0.57	0.69	0.21	0.17	1.60	1.12	0.43
XWF2EM	3.31	-0.29	0.32	2.16	-0.08	0.60	0.71	0.62	0.91	1.51	0.00	0.24
YXQ4ZL	3.41	0.13	0.30	2.25	0.48	0.19	0.73	1.05	0.00	1.58	0.82	0.36
ZD26AG	3.49	0.48	0.30	2.22	0.29	0.98	0.73	0.97	0.32	1.59	0.99	0.60
K (SubTestCode 213) in the Wet Digestion Property Groups												Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	3.38			2.18			0.68			1.51		
Median Abs Dev	0.12			0.09			0.03			0.06		
Avg Within Lab SD	0.09			0.05			0.02			0.06		
Labs Included	42			43			42			41		
Labs Reporting	44			44			44			44		



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	1.12	-1.20	1.98	1.00	-1.22	2.23	1.75	-1.61	1.60	0.69	-1.39	1.53	
47NKDL	1.35	1.52	2.62	1.09	0.00	1.23	1.97	0.16	1.83	0.83	1.12	1.71	
6BYXUK	1.34	1.40	0.15	1.15	0.74	0.79	2.05	0.84	0.12	0.79	0.38	0.23	
6N2LME	1.21	-0.19	1.09	1.09	-0.07	1.34	1.95	-0.03	0.81	0.75	-0.24	0.77	
8WPY24	1.18	-0.54	1.18	1.07	-0.26	1.03	1.88	-0.60	1.10	0.74	-0.43	0.26	
9ADKK6	1.38	1.87	0.15	1.27	2.35	0.34	2.59	5.26X	1.27	0.86	1.68	0.70	
AEJDEZ	1.11	-1.28	1.29	1.05	-0.48	1.29	1.86	-0.77	1.33	0.72	-0.86	1.54	
AJTRWY	1.21	-0.18	0.58	1.08	-0.10	0.75	1.94	-0.13	1.11	0.75	-0.28	0.42	
ANNKUZ	1.14	-0.93	0.55	1.01	-1.06	0.09	3.71	14.43X	1.18	1.39	11.02X	0.29	
AR7KAF	1.34	1.36	0.35	1.24	1.93	0.15	2.17	1.81	0.22	0.83	1.22	0.04	
CRHYRA	1.29	0.78	0.26	1.14	0.69	0.09	2.12	1.39	0.20	0.80	0.68	0.23	
CTVT8A	1.34	1.40	1.06	1.22	1.74	0.71	2.14	1.58	1.33	0.83	1.21	1.24	
CXNRL6	1.24	0.17	0.78	1.07	-0.28	0.47	2.04	0.70	0.60	0.78	0.23	0.70	
DJYCVB	1.17	-0.66	0.08	1.00	-1.16	0.62	1.85	-0.81	0.55	0.73	-0.64	0.61	
DULEE7	1.26	0.41	0.05	1.10	0.17	0.62	2.10	1.24	0.07	0.86	1.62	0.31	
E8N37Z	1.17	-0.62	0.69	1.07	-0.26	1.37	1.75	-1.64	0.35	0.69	-1.33	0.76	
ELKG49	1.31	1.05	1.44	1.15	0.83	2.40	2.05	0.79	0.61	0.83	1.09	0.84	
EUY662	1.21	-0.18	0.46	1.07	-0.32	0.65	1.95	-0.04	0.37	0.75	-0.35	0.36	
FA7LQU	1.15	-0.85	0.08	1.03	-0.74	0.47	1.79	-1.34	0.89	0.74	-0.53	0.20	
FCEVG7	1.23	0.04	0.15	1.10	0.09	0.52	1.94	-0.09	0.40	0.77	0.15	0.23	
GCV8WQ	1.21	-0.19	0.15	1.09	-0.04	0.20	1.93	-0.19	0.70	0.74	-0.44	0.41	
HCNKU3	1.27	0.56	1.01	1.15	0.76	0.18	2.01	0.50	0.67	0.82	1.00	1.03	
KB6FBV	1.22	-0.05	3.35	1.12	0.33	3.08	1.96	0.06	3.63	0.74	-0.45	2.92	
KGB96Q	1.33	1.21	0.15	1.22	1.70	0.34	1.90	-0.39	0.12	0.78	0.32	0.62	
KH6YB6	1.15	-0.81	1.09	1.08	-0.13	0.90	1.88	-0.58	0.87	0.76	-0.03	0.62	
MG4L43	1.19	-0.43	0.15	1.08	-0.09	0.07	1.95	0.03	0.43	0.78	0.29	0.20	
MY24TX	1.33	1.29	0.40	1.16	0.87	0.20	2.06	0.90	0.20	0.81	0.80	0.41	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NJPM LV	1.17	-0.66	1.51	1.07	-0.31	1.97	1.90	-0.41	2.00	0.73	-0.56	1.30
NZRP YU	1.16	-0.76	0.48	1.04	-0.70	0.45	1.88	-0.61	0.88	0.72	-0.77	0.85
PRGMDT	1.24	0.14	0.10	1.12	0.33	0.22	1.92	-0.27	0.19	0.75	-0.21	0.16
PVCELQ	1.14	-0.98	0.04	0.98	-1.41	0.03	1.85	-0.85	0.06	0.78	0.21	0.03
Q3RH7X	1.24	0.24	1.44	1.18	1.11	0.95	2.10	1.20	1.36	0.81	0.86	3.15
RUV2UY	1.28	0.63	0.45	1.16	0.87	1.12	1.95	-0.03	0.15	0.83	1.20	0.42
TXAWAW	1.21	-0.11	0.20	1.09	0.00	0.46	1.97	0.19	0.03	0.74	-0.41	0.08
VZQ3MN	1.22	-0.04	0.13	1.12	0.36	0.26	2.00	0.43	0.15	0.77	0.00	0.18
W3BAKQ	1.18	-0.46	0.55	0.97	-1.57	0.68	1.83	-0.96	0.31	0.69	-1.27	0.62
W9FBHY	1.27	0.60	0.95	1.05	-0.50	0.32	2.02	0.57	1.01	0.76	-0.03	0.99
WHNKCJ	1.24	0.20	0.69	1.10	0.13	0.34	1.96	0.08	0.20	0.76	-0.09	0.41
WYREJJ	1.28	0.71	0.61	1.16	0.87	0.35	2.05	0.78	0.23	0.82	1.02	0.72
XWF2EM	1.14	-0.91	0.28	1.03	-0.81	0.48	1.94	-0.09	1.23	0.69	-1.40	0.19
YXQ4ZL	1.25	0.27	0.15	1.13	0.56	0.20	2.05	0.84	0.23	0.80	0.56	0.47
ZD26AG	1.26	0.43	0.91	1.12	0.39	1.18	2.13	1.47	0.72	0.78	0.32	1.53
Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent
SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median			1.22			1.09			1.95			0.77
Median Abs Dev			0.05			0.04			0.07			0.03
Avg Within Lab SD			0.04			0.03			0.05			0.02
Labs Included			42			42			40			41
Labs Reporting			42			42			42			42



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
SRB2509				SRB2510			SRB2511			SRB2512				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
43MGP7	0.35	0.23	0.90	0.37	0.00	0.77	0.24	0.46	0.85	0.18	-0.26	0.93		
47NKDL	0.38	1.72	2.47	0.37	0.18	0.80	0.24	0.37	1.57	0.21	1.54	1.59		
6BYXUK	0.36	0.68	0.00	0.37	0.00	0.77	0.23	0.23	0.85	0.19	0.28	0.00		
6N2LME	0.34	-0.22	0.78	0.37	0.17	0.58	0.23	-0.35	0.73	0.18	-0.26	0.47		
8WPY24	0.34	-0.04	0.63	0.37	-0.05	0.28	0.23	-0.28	0.15	0.19	-0.05	0.32		
9ADKK6	0.37	1.14	0.00	0.40	1.51	0.00	0.28	3.71X	1.69	0.20	0.82	0.93		
AEJDEZ	0.31	-1.47	1.21	0.35	-0.89	0.65	0.22	-1.00	0.81	0.17	-0.96	1.31		
AJTRWY	0.33	-0.48	0.39	0.37	-0.21	0.83	0.22	-0.56	0.56	0.19	0.13	0.37		
ANNKUZ	0.29	-2.68 X	0.05	0.32	-2.40X	0.19	0.19	-2.83X	0.22	0.16	-2.17	0.09		
AR7KAF	0.38	1.60	0.38	0.41	2.08	0.21	0.25	1.70	0.14	0.20	1.24	0.11		
CRHYRA	0.36	0.53	0.52	0.40	1.27	0.04	0.24	0.84	0.15	0.20	0.73	0.09		
CTVT8A	0.39	1.89	2.07	0.44	3.35X	0.44	0.25	1.62	1.69	0.21	1.89	1.62		
CXNRL6	0.35	0.37	0.70	0.37	-0.10	0.23	0.23	0.28	0.59	0.19	0.44	0.71		
DJYCVB	0.35	0.13	0.68	0.38	0.27	0.69	0.24	0.44	0.85	0.19	0.03	0.43		
DULEE7	0.34	-0.37	0.10	0.36	-0.37	0.52	0.23	0.16	0.22	0.20	1.27	0.41		
E8N37Z	0.34	-0.43	0.75	0.36	-0.66	1.01	0.21	-1.65	0.66	0.17	-1.20	1.14		
ELKG49	0.34	-0.18	1.24	0.37	0.00	1.95	0.22	-0.56	0.64	0.18	-0.18	0.80		
EUY662	0.35	0.43	0.74	0.38	0.48	0.33	0.23	0.31	1.60	0.20	0.81	0.67		
FA7LQU	0.32	-1.09	0.05	0.35	-0.96	0.28	0.21	-1.30	0.69	0.18	-0.64	0.25		
FCEVG7	0.31	-1.43	0.52	0.35	-1.01	0.77	0.21	-1.39	0.00	0.17	-1.34	0.00		
GCV8WQ	0.33	-0.52	0.52	0.36	-0.34	0.44	0.22	-0.70	0.00	0.18	-0.53	0.00		
HCNKU3	0.38	1.43	1.06	0.41	2.11	0.09	0.25	1.52	0.52	0.21	2.16	0.82		
KB6FBV	0.35	0.43	2.81	0.39	0.99	2.25	0.23	0.16	2.99	0.19	0.01	2.54		
KGB96Q	0.36	0.73	0.09	0.41	2.11	0.38	0.21	-1.72	0.08	0.18	-0.93	0.16		
KH6YB6	0.33	-0.67	0.90	0.37	0.00	0.77	0.23	0.00	1.47	0.19	0.28	0.00		
MG4L43	0.33	-0.55	0.15	0.36	-0.30	0.04	0.22	-0.66	0.36	0.19	0.52	0.27		
MY24TX	0.38	1.59	0.90	0.39	0.84	1.17	0.25	1.16	0.85	0.20	0.82	0.93		



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NJPMLV	0.32	-1.12	0.00	0.35	-1.01	0.00	0.22	-0.93	0.85	0.18	-0.53	1.62	
NZRPYU	0.34	0.00	1.65	0.37	-0.23	1.56	0.22	-0.47	1.11	0.19	-0.06	1.13	
PRGMDT	0.35	0.30	0.10	0.38	0.42	0.11	0.22	-0.37	0.15	0.19	-0.01	0.21	
PVCELQ	0.32	-1.06	0.02	0.39	1.08	0.02	0.26	1.83	0.23	0.19	-0.08	0.11	
Q3RH7X	0.35	0.38	1.37	0.40	1.34	3.85	0.25	1.25	1.59	0.20	0.95	3.27	
RUV2UY	0.37	1.00	0.50	0.40	1.44	0.71	0.24	0.65	0.08	0.21	2.27	0.52	
TXAWAW	0.35	0.14	0.28	0.38	0.32	0.20	0.23	0.01	0.15	0.18	-0.13	0.28	
VZQ3MN	0.33	-0.60	0.05	0.36	-0.59	0.12	0.23	-0.26	0.17	0.18	-0.21	0.16	
W3BAKQ	0.33	-0.82	1.37	0.36	-0.67	1.17	0.22	-0.70	1.47	0.18	-0.53	1.62	
W9FBHY	0.36	0.78	0.15	0.40	1.28	0.40	0.23	0.14	0.25	0.19	0.29	0.26	
WHNKCJ	0.34	-0.22	0.00	0.37	0.00	0.00	0.23	-0.23	0.85	0.18	-0.53	0.00	
WYREJJ	0.34	-0.15	0.75	0.37	0.00	0.19	0.22	-0.56	0.12	0.19	0.38	0.54	
XWF2EM	0.34	-0.28	0.22	0.37	-0.17	0.31	0.23	0.18	0.70	0.18	-0.33	0.13	
YXQ4ZL	0.34	-0.37	0.52	0.39	1.17	0.44	0.23	0.00	0.00	0.19	0.28	0.00	
ZD26AG	0.35	0.08	2.07	0.38	0.33	1.77	0.23	0.00	2.54	0.18	-0.26	1.87	
Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	0.34			0.37			0.23			0.19			
Median Abs Dev	0.01			0.01			0.01			0.01			
Avg Within Lab SD	0.01			0.01			0.01			0.01			
Labs Included	41			40			40			42			
Labs Reporting	42			42			42			42			



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.31	-0.87	0.38	0.26	-1.23	0.53	0.14	-0.19	1.23	0.15	-1.05	1.07
47NKDL	0.37	1.32	1.60	0.29	-0.37	1.05						
6BYXUK	0.36	0.76	0.38	0.29	-0.34	0.91	0.16	0.96	0.62	0.16	-0.35	1.23
6N2LME	0.33	-0.16	0.51	0.30	-0.06	0.70	0.14	-0.19	0.62	0.17	-0.26	0.53
8WPY24	0.33	-0.10	0.30	0.28	-0.66	0.55	0.14	-0.27	0.69	0.16	-0.35	0.43
9ADKK6	0.19	-4.77 X	0.38	0.23	-2.36	0.00	0.06	-4.42 X	0.62	0.22	2.46	0.62
AEJDEZ	0.31	-0.80	0.27	0.28	-0.67	0.36	0.13	-0.75	0.11	0.16	-0.63	0.93
AJTRWY	0.33	-0.17	0.29	0.29	-0.25	0.81	0.14	-0.25	0.33	0.16	-0.27	0.34
ANNKUZ	0.30	-1.21	0.07	0.07	-7.69 X	0.05	0.15	0.59	5.51	0.15	-0.88	0.06
AR7KAF	0.36	0.92	0.22	0.33	0.89	0.15	0.17	1.60	0.11	0.18	0.57	0.28
B8EY4H	0.33	-0.20	0.25	0.29	-0.20		0.13	-0.30		0.16	-0.70	
CRHYRA	0.35	0.54	0.00	0.32	0.73	0.26	0.16	1.15	0.00	0.18	0.53	0.00
CTVT8A	0.34	0.11	1.68	0.31	0.38	0.74	0.15	0.77	0.62	0.17	-0.18	1.63
CXNRL6	0.33	0.04	0.74	0.29	-0.21	0.37	0.14	0.11	0.21	0.17	0.18	0.34
DJYCVB	0.33	-0.12	0.17	0.29	-0.26	0.52	0.14	-0.12	0.11	0.17	-0.25	0.25
DULEE7	0.35	0.64	0.64	0.34	1.18	0.55	0.17	1.67	0.18	0.19	1.19	0.40
E8N37Z	0.32	-0.33	0.47	0.29	-0.46	1.02	0.12	-1.04	0.37	0.15	-0.88	0.65
ELKG49	0.28	-1.67	0.93	0.23	-2.26	1.69	0.11	-2.02	0.11	0.13	-2.13	0.27
EUY662	0.36	0.80	0.86	0.32	0.72	0.85	0.17	1.58	0.57	0.19	0.88	0.42
FA7LQU	0.34	0.16	0.04	0.31	0.29	0.28	0.15	0.63	0.37	0.18	0.44	0.12
FCEVG7	0.33	0.00	0.38	0.31	0.22	0.53	0.14	-0.19	0.62	0.17	0.00	0.00
GCV8WQ	0.34	0.33	0.38	0.31	0.22	0.53	0.15	0.38	0.62	0.18	0.35	0.62
HCNKU3	0.34	0.15	0.83	0.30	0.14	0.25	0.14	0.17	0.29	0.17	0.12	0.34
KB6FBV	0.28	-1.62	1.78	0.24	-1.98	1.78	0.12	-1.39	1.04	0.13	-1.95	1.27
KGB96Q	0.35	0.54	0.33	0.32	0.72	0.28	0.12	-0.92	0.32	0.16	-0.32	0.11
KH6YB6	0.32	-0.33	0.38	0.31	0.22	0.53	0.14	0.00	0.00	0.17	0.18	0.62
MG4L43	0.30	-0.97	0.00	0.27	-0.97	0.05	0.13	-0.75	0.10	0.16	-0.42	0.10



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S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MY24TX	0.36	0.76	0.38	0.31	0.34	0.91	0.17	1.92	0.62	0.18	0.70	0.62	
NJFMLV	0.33	0.00	2.34	0.31	0.45	3.68	0.14	-0.19	0.62	0.18	0.53	3.69	
NZRPYU	0.32	-0.59	0.33	0.28	-0.66	0.43	0.14	-0.15	0.15	0.16	-0.37	0.65	
PRGMDT	0.36	0.72	0.18	0.31	0.33	0.18	0.14	0.00	0.17	0.17	0.01	0.21	
PVCELQ	0.43	3.00	0.06	0.46	5.47X	0.03	0.17	1.90	0.05	0.20	1.83	0.27	
Q3RH7X	0.40	2.06	4.34	0.36	2.13	2.37	0.21	3.88X	4.32	0.21	2.07	3.82	
RUV2UY	0.36	0.87	0.40	0.31	0.47	0.60	0.16	1.17	0.12	0.20	1.42	0.32	
TXAWAW	0.32	-0.58	0.03	0.28	-0.67	0.11	0.14	-0.21	0.57	0.16	-0.57	0.27	
UPAWBU	0.35	0.43	0.38	0.30	0.11	0.53	0.14	0.19	0.62	0.17	0.18	0.62	
VL9DNL	0.32	-0.43	0.00	0.30	0.00	0.00	0.14	0.19	0.62	0.16	-0.35	0.62	
VZQ3MN	0.33	-0.26	0.17	0.29	-0.44	0.09	0.15	0.61	0.12	0.17	-0.05	0.28	
W3BAKQ	0.32	-0.43	1.76	0.32	0.56	1.90	0.14	0.00	1.07	0.16	-0.53	1.07	
W9FBHY	0.39	1.81	0.83	0.34	1.33	1.14	0.16	1.07	0.99	0.18	0.76	0.96	
WHNKCJ	0.28	-1.63	0.38	0.25	-1.68		0.11	-1.73	0.00	0.14	-1.58	0.00	
WYREJJ	0.33	-0.24	0.20	0.29	-0.31	0.30	0.13	-0.42	0.13	0.17	0.13	0.12	
XWF2EM	0.33	-0.15	0.20	0.29	-0.29	0.36	0.14	0.19	0.36	0.17	0.03	0.22	
YXQ4ZL	0.33	0.00	0.38	0.30	0.00	0.00	0.14	0.00	0.00	0.17	0.00	0.00	
ZD26AG	0.36	0.87	1.15	0.34	1.23	1.05	0.15	0.38	0.62	0.19	1.05	0.00	
S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	0.33			0.30			0.14			0.17			
Median Abs Dev	0.02			0.01			0.01			0.01			
Avg Within Lab SD	0.01			0.01			0.01			0.01			
Labs Included	44			43			42			44			
Labs Reporting	45			45			44			44			



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Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.040	-0.04	0.00				0.020	0.92	0.00	0.010	1.02	0.00
6BYXUK	0.050	2.62	0.00	0.010	1.08	0.00	0.020	0.92	0.00	0.010	1.02	0.00
6N2LME	0.040	0.00	0.69	0.005	0.04	1.11	0.016	-0.18	0.33	0.005	-0.38	0.73
8WPY24	0.038	-0.58	0.90	0.005	0.11	0.38	0.017	0.09	0.66	0.009	0.76	2.91
9ADKK6	0.042	0.40	0.26	0.000	-0.78	0.00	0.018	0.28	0.19	0.004	-0.51	0.00
AEJDEZ	0.040	-0.13	0.26	0.002	-0.54	0.22	0.017	0.00	0.19	0.004	-0.42	0.84
AJTRWY	0.043	0.72	0.41	0.006	0.33	0.06	0.019	0.60	0.07	0.009	0.76	1.05
ANNKUZ	0.037	-0.76	0.26	0.006	0.24	0.22	0.015	-0.37	0.38	0.006	0.00	1.46
AR7KAF	0.041	0.27	0.27	0.001	-0.66	0.00	0.016	-0.28	0.00	0.004	-0.46	0.00
CRHYRA	0.040	-0.04	0.00	0.010	1.08	0.00	0.017	0.00	1.91	0.010	1.02	0.00
CTVT8A	0.055	3.96 X	9.54	0.017	2.37	4.42	0.023	1.83	5.06	0.010	1.02	0.00
DJYCVB	0.001	-10.45 X	0.00	0.001	-0.67	0.00	0.001	-4.31 X	0.00	0.001	-1.27	0.00
DULEE7	0.037	-0.84	0.00	0.001	-0.67	0.00	0.014	-0.73	0.00	0.004	-0.51	0.00
E8N37Z	0.036	-0.99	0.44				0.012	-1.17	0.10	0.004	-0.63	0.21
ELKG49	0.047	1.73	0.69	0.013	1.66	0.66	0.024	1.93	0.19	0.013	1.78	1.46
EUY662	0.040	0.06	0.46				0.015	-0.56	0.22			
FCEVG7	0.044	1.11	0.26	0.005	0.04	0.22	0.018	0.46	0.19	0.008	0.51	0.00
GCV8WQ	0.042	0.58	0.26	0.007	0.52	0.18	0.018	0.28	0.19	0.006	-0.03	1.05
HCNKU3	0.052	3.03	0.84	0.011	1.18	0.59	0.026	2.69	0.17	0.014	2.08	1.94
KB6FBV	0.043	0.71	2.24	0.004	-0.04	0.20	0.018	0.38	0.63	0.007	0.35	1.37
KGB96Q	0.038	-0.48	0.07	0.001	-0.67	0.00	0.009	-2.20	0.19	0.001	-1.27	0.00
KH6YB6	0.040	-0.04	0.00	0.010	1.08	0.00	0.019	0.64	0.33	0.010	1.02	0.00
MG4L43	0.044	0.93	0.00	0.001	-0.67	0.00	0.014	-0.67	0.19	0.004	-0.54	0.00
NJPMLV	0.042	0.49	1.19	0.005	0.07	0.65	0.017	0.00	0.51	0.007	0.23	1.89
PRGMDT	0.042	0.37	0.19	0.001	-0.64	0.02	0.016	-0.19	0.02	0.004	-0.41	0.17
PVCELQ	0.026	-3.91 X	0.04	0.063	11.27 X	0.06	0.083	18.22 X	0.02	0.047	10.28 X	0.58
Q3RH7X	0.065	6.62 X	13.67	0.014	1.79	2.72	0.023	1.65	1.16	0.012	1.44	1.68



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
TXAWAW	0.041	0.30	0.06	0.004	-0.15	0.28	0.017	0.05	0.22	0.006	0.12	1.08
VZQ3MN	0.039	-0.26	0.04	0.002	-0.52	0.02	0.015	-0.44	0.05	0.004	-0.43	0.50
W3BAKQ	0.040	-0.04	4.50	0.003	-0.28	0.38	0.017	0.00	0.69	0.005	-0.25	1.46
W9FBHY	0.043	0.84	0.35				0.017	0.00	0.30	0.006	-0.02	
WHNKCJ	0.032	-2.09	0.26	0.003	-0.28	0.00	0.012	-1.28	0.00	0.005	-0.25	0.00
WYREJJ	0.039	-0.22	0.80	0.003	-0.24	0.02	0.017	-0.01	0.05	0.006	0.12	0.31
XWF2EM	0.040	-0.17	0.10	0.000	-0.78	0.06	0.015	-0.54	0.10	0.003	-0.64	0.29
YXQ4ZL	0.040	-0.04	0.00	0.010	1.08	0.00	0.020	0.92	0.00	0.010	1.02	0.00

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	0.040			0.004			0.017			0.006		
Median Abs Dev	0.002			0.003			0.002			0.002		
Avg Within Lab SD	0.002			0.003			0.003			0.001		
Labs Included	31			30			33			33		
Labs Reporting	35			31			35			34		



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	108.3	0.12	4.26	45.4	0.11	2.50	243.0	0.12	4.16	113.6	-0.27	3.19
6BYXUK	80.7	-0.45	0.07	38.7	-0.24	0.41	161.0	-0.61	0.06	107.7	-0.41	0.43
6N2LME	113.2	0.22	0.73	54.4	0.57	0.04	233.4	0.03	0.46	131.9	0.18	1.18
8WPY24	111.8	0.19	0.37	50.9	0.39	1.10	237.4	0.07	0.59	151.0	0.65	0.86
9ADKK6	82.0	-0.42	0.42	38.7	-0.24	0.26	238.5	0.08	1.58	102.5	-0.54	0.28
AJTRWY	62.0	-0.83	0.22	31.7	-0.60	0.19	126.4	-0.92	0.29	101.4	-0.57	0.89
B8EY4H	156.8	1.12		77.6	1.77		347.3	1.05		177.1	1.30	
CRHYRA	88.0	-0.30	0.12	44.3	0.05	0.20	142.7	-0.78	0.11	121.0	-0.09	0.20
DULEE7	131.9	0.61	0.44	62.8	1.01	0.46	257.8	0.25	0.36	155.7	0.77	0.62
E8N37Z	84.7	-0.36	0.21	40.9	-0.12	0.41	176.3	-0.48	0.74	108.3	-0.40	0.43
ELKG49	43.6	-1.21	0.38	22.7	-1.06	0.89	87.1	-1.27	0.13	66.3	-1.43	0.20
EUY662	85.6	-0.35	0.77	41.6	-0.09	1.15	167.4	-0.56	0.94	118.3	-0.15	1.28
FA7LQU	124.2	0.45	0.72	50.6	0.37	2.31	203.6	-0.23	0.37	132.7	0.20	0.36
FCEVG7	117.0	0.30	0.12	28.0	-0.79	0.61	311.3	0.73	0.19	154.3	0.73	0.24
GCV8WQ	210.5	2.23	1.05	89.8	2.40	1.33	427.9	1.77	0.16	193.5	1.70	0.89
HCNKU3	0.1	-2.11	0.00	0.0	-2.24	0.00	0.0	-2.05	0.00	0.0	-3.07X	0.00
KGB96Q	119.5	0.35	0.16	35.4	-0.41	0.18	304.4	0.67	0.25	158.4	0.83	0.24
KH6YB6	77.0	-0.52	0.08	43.7	0.02	0.13	160.8	-0.61	0.19	100.6	-0.59	0.76
MG4L43	141.7	0.81	0.28	71.2	1.44	0.12	310.7	0.72	0.50	181.6	1.41	1.10
PRGMDT	86.1	-0.34	0.24	43.0	-0.02	1.10	200.0	-0.26	0.11	124.5	0.00	1.10
PVCELQ	461.6	7.41X	0.07	352.2	15.96X	0.73	674.7	3.97X	0.04	475.3	8.64X	0.06
TXAWAW	96.5	-0.12	0.55	36.5	-0.35	1.68	226.0	-0.03	0.30	115.1	-0.23	1.25
VZQ3MN	156.9	1.12	0.85	48.7	0.28	0.67	340.1	0.98	0.34	151.1	0.65	0.60
WYREJJ	151.6	1.01	0.29	66.5	1.20	0.68	340.9	0.99	0.33	183.9	1.46	0.57
YXQ4ZL	72.3	-0.62	0.26	35.3	-0.41	0.54	125.3	-0.93	0.28	86.3	-0.94	0.31



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Al (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2509	SRB2510	SRB2511	SRB2512	
Grand Median	102.4	43.3	229.7	124.5	
Median Abs Dev	21.8	7.7	71.8	23.9	
Avg Within Lab SD	8.1	2.8	18.2	4.9	
Labs Included	24	24	24	23	
Labs Reporting	25	25	25	25	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	33.5	0.47	1.14	52.3	0.00	0.55	17.0	-0.52	1.54	20.6	-0.04	0.19
47NKDL	42.3	3.50 X	1.86	56.8	0.94	0.63	24.9	2.49	1.14	28.6	3.38 X	1.16
6BYXUK	37.0	1.67	2.47	60.3	1.68	1.79	24.7	2.39	3.92	18.0	-1.18	2.18
6N2LME	31.0	-0.39	0.46	50.4	-0.40	0.53	17.3	-0.38	0.37	19.9	-0.36	0.26
8WPY24	32.1	0.00	0.21	49.4	-0.62	0.48	19.6	0.49	0.64	21.3	0.26	0.60
9ADKK6	33.4	0.45	0.25	53.2	0.18	0.22	21.5	1.19	0.40	20.4	-0.14	0.24
AEJDEZ	30.3	-0.63	1.19	48.7	-0.77	1.48	17.6	-0.29	0.97	19.8	-0.40	0.76
AJTRWY	31.4	-0.27	0.46	50.5	-0.38	0.76	17.7	-0.24	0.34	19.3	-0.63	0.27
AR7KAF	33.3	0.42	0.21	53.1	0.17	0.34	18.9	0.22	0.04	21.1	0.15	0.23
CRHYRA	33.0	0.30		52.7	0.07	0.34	18.3	0.00	0.39	21.0	0.11	
CTVT8A	36.4	1.45	1.06	58.9	1.38	2.03	21.5	1.21	0.66	23.5	1.18	0.80
CXNRL6	31.9	-0.07	0.81	48.8	-0.73	0.13	18.5	0.08	0.21	21.2	0.19	0.11
DJYCVB	28.2	-1.34	0.11	45.2	-1.51	0.53	16.1	-0.84	0.05	17.9	-1.22	0.14
DULEE7	28.0	-1.40	0.03	44.2	-1.72	0.36	17.9	-0.14	0.19	19.9	-0.35	0.07
E8N37Z	34.0	0.64	0.48	53.1	0.16	0.86	17.6	-0.28	0.23	20.8	0.04	0.20
ELKG49	30.0	-0.72	1.22	48.1	-0.89	1.95	17.1	-0.46	0.28	19.1	-0.69	0.35
EUY662	34.4	0.77	0.14	55.3	0.61	0.25	18.9	0.23	0.28	21.4	0.28	0.31
FA7LQU	31.2	-0.33	0.07	50.0	-0.49	0.39	17.5	-0.32	0.46	20.2	-0.25	0.14
FCEVG7	30.3	-0.62	0.40	48.3	-0.84	0.68	17.0	-0.50		20.0	-0.32	
GCV8WQ	31.8	-0.10	0.99	50.0	-0.48	1.27	18.4	0.03	0.84	21.1	0.14	0.84
HCNKU3	34.2	0.69	0.91	53.0	0.13	0.16	22.0	1.40	1.46	23.5	1.17	3.47
KB6FBV	34.6	0.86	4.02	53.9	0.34	3.74	21.9	1.34	1.98	23.9	1.36	3.41
KGB96Q	32.6	0.16	0.31	54.8	0.52	0.18	16.8	-0.60	0.04	19.7	-0.46	0.13
KH6YB6	31.5	-0.21	1.00	52.4	0.02	1.11	19.7	0.51	1.17	22.2	0.65	0.80
MG4L43	31.1	-0.36	0.15	48.2	-0.86	0.14	17.4	-0.35	0.06	15.2	-2.37	0.75
MY24TX	35.3	1.07	0.04	57.0	0.98	0.06	18.2	-0.05	0.07	21.9	0.49	0.04
NJPMLV	28.0	-1.42	1.37	45.7	-1.40	0.89	16.0	-0.88	1.16	18.3	-1.03	0.36



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B (SubTestCode 219) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NZRPYU	33.4	0.42	0.16	52.7	0.07	0.10	14.8	-1.33	0.15	19.2	-0.66	0.02	
PRGMDT	33.5	0.47	0.24	52.9	0.12	0.11	18.4	0.02	0.09	21.1	0.17	0.20	
Q3RH7X	35.3	1.10	0.40	56.3	0.84	0.89	22.8	1.70	1.96	25.0	1.83		
RUV2UY	31.3	-0.27	0.22	48.9	-0.72	0.20	17.7	-0.24	0.18	20.9	0.09	0.07	
TXAWAW	32.0	-0.05	0.62	50.6	-0.36	0.24	18.3	0.00	0.67	20.3	-0.21	0.38	
VZQ3MN	33.3	0.41	0.40	51.4	-0.19	0.11	20.0	0.62	0.27	23.2	1.04	0.83	
W3BAKQ	27.8	-1.48	0.28	47.0	-1.12	0.21	14.9	-1.28	0.10	16.8	-1.68	0.16	
W9FBHY	39.9	2.67 X	1.63	56.9	0.95	0.37	21.1	1.02	0.79	23.3	1.11	0.84	
WHNKCJ	26.2	-2.03	0.13	42.7	-2.03	0.14	14.0	-1.62	0.13	16.4	-1.84	0.02	
WYREJJ	31.8	-0.10	0.42	50.5	-0.39	0.09	18.0	-0.11	0.05	20.4	-0.15	0.21	
YXQ4ZL	35.7	1.21	0.40	56.3	0.84	0.34	20.0	0.63		22.7	0.83	0.36	
ZD26AG	33.9	0.62	0.80	53.9	0.33	1.68	19.2	0.34	0.78	22.0	0.56	0.74	
B (SubTestCode 219) in the Wet Digestion Property Groups													Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	32.1			52.3			18.3			20.7			
Median Abs Dev	1.4			2.9			1.3			1.1			
Avg Within Lab SD	1.5			1.7			1.5			1.6			
Labs Included	37			39			39			38			
Labs Reporting	39			39			39			39			



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	38.1	1.67	2.47	34.4	1.80	2.40	21.3	4.23X	1.99	39.0	0.00	1.92
47NKDL	38.9	1.99	2.93	31.0	0.17	1.00	16.2	0.53	0.74	41.2	0.86	1.68
6BYXUK	33.0	-0.41		31.7	0.49	1.35	17.0	1.13		35.7	-1.34	0.76
6N2LME	33.9	-0.06	1.31	30.5	-0.06	1.10	14.9	-0.36	0.70	39.2	0.05	0.81
8WPY24	33.3	-0.30	0.65	29.9	-0.35	0.62	16.2	0.53	0.19	37.9	-0.47	0.16
9ADKK6	34.6	0.22	0.31	30.7	0.01	0.33	17.6	1.54	0.83	39.0	0.00	0.38
AEJDEZ	33.4	-0.24	1.13	30.3	-0.18	1.33	17.1	1.22	2.28	37.7	-0.52	0.16
AJTRWY	34.3	0.13	0.61	30.9	0.12	0.71	15.1	-0.22	0.47	39.5	0.17	0.97
ANNKUZ	28.5	-2.26X	0.33	49.6	9.01X	1.48	26.2	7.76X	0.59	65.7	10.54X	0.04
AR7KAF	39.4	2.21	0.03	35.4	2.26	0.13	18.2	2.01	0.16	43.3	1.67	0.34
CRHYRA	34.3	0.13	0.47	31.7	0.49	0.51	16.0	0.41		38.3	-0.28	0.38
CTVT8A	37.1	1.27	0.63	33.9	1.56	0.87	18.4	2.16	1.36	42.2	1.26	2.89
CXNRL6	34.0	0.01	0.92	29.6	-0.49	0.81	15.8	0.26	0.27	39.4	0.12	0.36
DJYCVB	32.8	-0.50	0.47	28.8	-0.87	0.45	14.2	-0.88	0.14	36.0	-1.22	0.60
DULEE7	33.4	-0.24	0.08	32.3	0.78	0.45	15.0	-0.34	0.08	41.6	1.02	0.79
E8N37Z	33.4	-0.25	0.58	29.7	-0.45	0.62	14.2	-0.87	0.48	36.5	-1.02	0.71
ELKG49	32.7	-0.54	0.95	28.8	-0.90	1.66	14.2	-0.92	0.36	35.5	-1.40	1.18
EUY662	32.7	-0.53	0.35	29.3	-0.64	0.40	14.6	-0.63	0.55	36.8	-0.88	0.26
FA7LQU	33.6	-0.16	1.12	30.6	-0.01	0.29	15.9	0.34	1.13	36.7	-0.91	0.28
FCEVG7	33.3	-0.28	0.47	30.0	-0.30	0.89	14.7	-0.56	0.73	37.3	-0.68	0.38
GCV8WQ	34.6	0.25	0.28	30.6	-0.04	0.10	15.7	0.19	0.22	39.7	0.25	0.33
HCNKU3	34.9	0.36	0.73	32.2	0.76	0.06	16.7	0.93	0.93	41.8	1.08	1.60
KB6FBV	34.5	0.19	3.37	32.2	0.73	3.28	16.8	1.00	2.47	39.5	0.20	3.03
KGB96Q	38.2	1.72	0.09	35.8	2.42	0.49	15.4	-0.06	0.26	41.0	0.79	0.05
KH6YB6	30.4	-1.48	0.79	28.1	-1.20	1.65	13.9	-1.11	0.37	35.8	-1.30	0.59
MG4L43	32.5	-0.60	0.16	29.3	-0.66	0.10	14.6	-0.57	0.38	38.5	-0.22	0.31
MY24TX	37.0	1.23	0.12	31.3	0.30	0.14	22.0	4.71X	0.07	39.2	0.06	0.07



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Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NJPM LV	33.7	-0.14	0.47	31.3	0.33	0.51	15.7	0.17	1.46	40.3	0.51	1.65	
NZRP YU	39.6	2.30	0.10	35.9	2.49	1.86	20.8	3.86X	1.91	42.6	1.42	1.15	
PRGMDT	35.8	0.73	0.18	31.8	0.57	0.06	16.7	0.88	0.55	39.8	0.29	0.23	
PVCELQ	34.5	0.20	0.24	31.2	0.26	0.18	16.3	0.65	0.39	39.1	0.00	0.49	
Q3RH7X	31.3	-1.09	0.47	28.0	-1.25	0.89	15.3	-0.07	1.46	34.9	-1.65	0.67	
RUV2UY	34.0	-0.01	0.81	31.0	0.17		15.0	-0.32	2.53	38.7	-0.15	0.38	
TXAWAW	35.8	0.75	0.43	29.8	-0.38	0.21	16.4	0.68	1.51	37.8	-0.49	0.11	
VZQ3MN	33.5	-0.22	0.33	29.3	-0.63	0.09	15.7	0.19	0.53	39.2	0.05	0.58	
W3BAKQ	30.7	-1.36	0.60	27.3	-1.60	0.14	14.4	-0.75	0.13	35.1	-1.57	0.16	
W9FBHY	38.5	1.83	0.45	30.4	-0.09	0.45	14.1	-0.98	0.96	41.2	0.86	0.38	
WHNKCJ	24.6	-3.84X	0.46	21.8	-4.20X	0.19	9.5	-4.26X	0.27	28.3	-4.25X	0.72	
WYREJJ	34.7	0.28	0.30	30.8	0.09	0.23	15.4	0.00	0.27	39.5	0.18	0.13	
XWF2EM	33.9	-0.07	0.24	29.8	-0.40	0.19	14.5	-0.69	0.50	37.0	-0.82	0.36	
YXQ4ZL	33.0	-0.41		30.0	-0.30		15.0	-0.32		38.0	-0.41	0.65	
ZD26AG	35.5	0.62	0.28	31.4	0.38	0.72	14.8	-0.48	0.29	41.1	0.80	0.95	

Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	34.0			30.6			15.4			39.0			
Median Abs Dev	0.9			1.0			0.8			1.5			
Avg Within Lab SD	1.2			1.1			0.8			1.5			
Labs Included	40			40			37			40			
Labs Reporting	42			42			42			42			



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	28.1	-0.80	0.71	95.6	-1.40	0.98	55.1	-0.79	2.06	114.3	-1.34	0.64
47NKDL	33.3	1.42	2.08	105.7	0.08	1.35	58.2	-0.02	1.74	133.3	0.67	1.49
6BYXUK	33.7	1.57	0.58	109.3	0.62	0.51	61.7	0.85	0.33	128.7	0.18	0.29
6N2LME	29.0	-0.42	1.11	105.5	0.05	1.29	57.4	-0.22	0.96	126.9	-0.01	0.72
8WPY24	30.3	0.13	0.76	98.6	-0.96	0.62	57.7	-0.14	0.32	121.9	-0.53	0.18
9ADKK6	27.7	-0.97	0.27	111.0	0.87	0.55	73.0	3.68X	1.15	138.6	1.23	0.76
AEJDEZ	30.4	0.17	0.80	105.3	0.03	0.84	58.9	0.17	0.69	127.0	0.00	0.25
AJTRWY	28.5	-0.65	0.34	104.0	-0.17	1.10	57.3	-0.25	0.84	125.0	-0.20	0.56
ANNKUZ	47.8	7.59X	0.25	175.4	10.32X	0.22	92.9	8.64X	0.69	204.8	8.24X	0.30
AR7KAF	33.2	1.36	0.19	113.7	1.26	0.20	64.8	1.63	0.07	134.0	0.74	0.11
CRHYRA	31.7	0.71	0.58	112.3	1.06	0.19	61.7	0.85	0.33	130.7	0.39	0.15
CTVT8A	32.1	0.90	2.31	120.0	2.18	1.77	65.4	1.77	1.63	139.3	1.31	2.16
CXNRL6	27.5	-1.06	0.82	104.8	-0.05	0.52	60.1	0.46	0.67	134.8	0.83	0.86
DJYCVB	29.4	-0.27	1.03	100.7	-0.66	1.23	56.4	-0.47	0.44	36.0	-9.64X	0.23
DULEE7	32.0	0.84	0.21	114.8	1.42	0.48	65.1	1.71	0.23	148.3	2.26	0.26
E8N37Z	30.0	0.01	0.67	103.0	-0.31	1.20	54.8	-0.86	0.82	119.0	-0.84	0.92
ELKG49	27.7	-0.98	1.66	96.5	-1.26	1.84	53.2	-1.27	0.53	114.6	-1.31	0.71
EUY662	30.5	0.22	0.95	106.8	0.24	0.95	59.7	0.37	1.21	128.6	0.17	0.95
FA7LQU	27.9	-0.92	0.14	98.3	-1.01	0.46	54.2	-1.01	0.77	118.5	-0.90	0.29
FCEVG7	28.0	-0.86		102.7	-0.36	0.84	55.0	-0.81		120.3	-0.70	0.15
GCV8WQ	29.3	-0.30	0.36	102.7	-0.36	0.56	57.0	-0.31	0.80	123.9	-0.32	0.34
HCNKU3	30.2	0.09	1.18	112.2	1.04	0.43	60.2	0.50	0.63	133.3	0.67	0.90
KB6FBV	29.3	-0.28	3.26	108.3	0.47	3.29	58.8	0.14	3.59	125.6	-0.15	3.15
KGB96Q	32.8	1.20	0.71	123.4	2.68X	0.32	58.4	0.02	0.03	136.0	0.95	0.04
KH6YB6	27.8	-0.94	0.59	102.4	-0.40	1.18	56.8	-0.36	1.29	119.9	-0.75	0.53
MG4L43	30.0	-0.01	0.16	105.3	0.02	0.06	58.9	0.16	0.45	132.4	0.58	0.05
MY24TX	31.7	0.71	0.15	105.3	0.03	0.19	60.2	0.48	0.09	132.7	0.60	0.29



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NJPMLV	27.3	-1.14	1.17	98.3	-1.00	0.70	54.0	-1.06	0.58	116.7	-1.09	2.93
NZRPYU	24.8	-2.22	1.28	103.1	-0.30	0.63	54.9	-0.83	0.81	126.3	-0.07	0.85
PRGMDT	30.7	0.30	0.18	105.6	0.07	0.30	57.3	-0.25	0.32	125.1	-0.20	0.24
PVCELQ	19.9	-4.32 X	0.30	94.5	-1.56	0.10	52.9	-1.34	0.06	116.6	-1.10	0.76
Q3RH7X	28.4	-0.67	0.41	97.7	-1.10	1.17	56.7	-0.40	0.88	118.7	-0.88	0.64
RUV2UY	30.3	0.14	0.58	106.3	0.18	0.70	59.7	0.35	0.33	139.0	1.27	0.67
TXAWAW	29.7	-0.15	0.54	105.0	-0.02	0.66	59.8	0.37	0.54	126.6	-0.04	0.15
VZQ3MN	29.9	-0.04	0.10	101.3	-0.57	0.13	59.7	0.36	0.06	126.9	0.00	0.14
W3BAKQ	27.5	-1.07	0.40	96.2	-1.31	0.10	53.3	-1.25	0.23	116.7	-1.09	0.39
W9FBHY	32.1	0.89	0.66	115.9	1.58	0.97	62.9	1.15	0.38	137.7	1.14	0.21
WHNKCJ	26.6	-1.47	0.37	94.1	-1.61	0.13	51.3	-1.73	0.16	113.7	-1.40	0.31
WYREJJ	30.4	0.18	0.68	104.7	-0.07	0.17	57.3	-0.23	0.11	128.3	0.14	0.56
XWF2EM	30.6	0.27	0.18	106.3	0.18	0.50	59.5	0.32	0.72	128.1	0.12	0.16
YXQ4ZL	30.3	0.14	0.58	107.7	0.37	0.39	62.0	0.93	0.58	131.3	0.46	0.64
ZD26AG	31.2	0.51	1.05	110.3	0.76	1.84	61.3	0.77	1.93	130.0	0.32	2.20
Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	30.0			105.1			58.3			127.0		
Median Abs Dev	1.6			3.5			1.9			6.4		
Avg Within Lab SD	1.0			3.0			1.7			3.9		
Labs Included	40			40			40			40		
Labs Reporting	42			42			42			42		



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	161.3	-0.49	2.42	125.3	-0.05	2.88	214.7	-0.57	2.10	143.3	-0.90	0.35
47NKDL	162.7	-0.43	2.26	113.7	-1.17	0.54	168.3	-1.48	0.59	167.7	-0.31	1.20
6BYXUK	173.7	0.06	0.95	125.0	-0.08	0.58	220.0	-0.46	0.29	174.3	-0.15	0.21
6N2LME	165.3	-0.31	1.10	121.0	-0.47	0.79	236.3	-0.14	0.54	149.7	-0.74	0.60
8WPY24	173.7	0.06	1.73	131.2	0.52	0.88	248.7	0.11	0.62	192.2	0.28	0.61
9ADKK6	165.5	-0.30	0.24	124.3	-0.15	0.41	271.1	0.55	0.92	122.1	-1.41	2.00
AEJDEZ	165.7	-0.30	0.44	123.3	-0.24	0.68	255.7	0.24	0.65	210.7	0.73	3.66
AJTRWY	145.8	-1.17	1.01	117.1	-0.84	0.44	177.6	-1.30	0.63	157.9	-0.55	0.72
AR7KAF	157.0	-0.68	1.18	134.5	0.83	0.43	237.8	-0.11	0.08	59.7	-2.92X	0.87
CRHYRA	162.7	-0.43	0.11	140.7	1.43	0.10	197.0	-0.92	0.16	135.7	-1.09	0.08
CTVT8A	196.7	1.07	1.04	147.0	2.04	1.00	283.3	0.79	0.94	218.3	0.91	1.14
CXNRL6	163.0	-0.41	0.83	111.3	-1.39	0.25	258.6	0.30	0.78	184.7	0.10	0.92
DJYCVB	202.2	1.31	1.02	135.1	0.89	1.08	288.2	0.89	0.16	215.5	0.85	0.77
DULEE7	150.9	-0.94	0.13	110.3	-1.49	0.28	220.7	-0.45	0.41	176.3	-0.10	0.29
E8N37Z	174.3	0.09	0.58	123.0	-0.27	0.67	223.0	-0.40	0.56	174.7	-0.14	0.72
ELKG49	130.9	-1.82	1.20	95.3	-2.93X	1.01	154.6	-1.76	0.36	154.4	-0.63	0.71
EUY662	169.5	-0.13	0.85	129.2	0.32	0.84	207.3	-0.71	1.06	171.3	-0.22	0.17
FA7LQU	172.4	0.00	0.40	121.4	-0.42	0.52	236.2	-0.14	0.43	170.0	-0.25	0.48
FCEVG7	179.7	0.32	0.29	124.7	-0.11	0.70	255.7	0.24	0.41	198.0	0.42	
GCV8WQ	192.9	0.90	0.53	129.5	0.35	0.75	276.2	0.65	0.82	211.4	0.75	0.70
HCNKU3	186.9	0.64	0.84	133.5	0.74	0.22	279.9	0.72	0.59	215.9	0.86	1.55
KB6FBV	143.5	-1.27	2.05	121.9	-0.37	1.44	163.4	-1.58	1.21	139.5	-0.99	1.54
KGB96Q	188.4	0.70	0.61	128.5	0.26	0.12	246.0	0.05	0.19	191.9	0.27	0.09
KH6YB6	159.1	-0.58	0.35	125.4	-0.04	1.10	219.5	-0.47	0.62	175.5	-0.12	0.51
MG4L43	193.6	0.93	0.28	139.1	1.27	0.13	287.5	0.87	0.16	239.4	1.42	0.77
MY24TX	195.3	1.01	0.29	126.3	0.05	0.26	256.3	0.26	0.09	211.0	0.74	0.14
NJPMLV	140.0	-1.42		110.0	-1.52		163.3	-1.58	0.47	140.0	-0.98	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NZRPYU	183.9	0.51	0.16	128.0	0.21	1.62	240.1	-0.06	0.12	102.1	-1.90	0.33
PRGMDT	164.4	-0.35	0.37	121.6	-0.40	0.08	214.5	-0.57	0.23	175.5	-0.12	0.82
PVCELQ	175.7	0.15	0.19	117.8	-0.77	0.33	255.4	0.24	0.02	198.4	0.43	0.03
Q3RH7X	153.0	-0.85	0.68	125.7	-0.01	3.03	188.3	-1.09	1.47	166.3	-0.34	1.26
RUV2UY	178.0	0.25	0.38	130.0	0.40	1.26	243.3	0.00	0.31	226.7	1.12	0.40
TXAWAW	179.0	0.29	0.30	128.7	0.28	2.10	288.9	0.90	4.86	198.6	0.44	0.52
VZQ3MN	188.0	0.69	0.30	126.0	0.01	0.10	281.6	0.76	0.16	204.8	0.59	1.36
W3BAKQ	169.3	-0.13	0.79	133.7	0.75	0.68	264.3	0.42	0.36	195.0	0.35	0.37
W9FBHY	209.1	1.61	2.45	135.8	0.95	0.29	296.5	1.05	0.65	235.6	1.33	1.35
WHNKCJ	150.8	-0.95	0.58	109.3	-1.59	0.12	216.4	-0.53	0.50	161.6	-0.46	0.55
WYREJJ	194.5	0.97	0.78	135.2	0.90	0.26	281.3	0.75	0.19	232.3	1.25	0.27
XWF2EM	181.4	0.40	0.29	134.3	0.81	0.14	267.5	0.48	0.29	198.4	0.43	0.28
YXQ4ZL	137.3	-1.54	0.29	107.0	-1.81	0.29	152.0	-1.81	0.29	140.3	-0.97	0.35
ZD26AG	200.3	1.23	1.08	134.0	0.79	0.88	306.3	1.25	0.33	234.7	1.31	0.56

Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	172.4			125.8			243.3			180.5		
Median Abs Dev	13.3			5.1			28.7			25.2		
Avg Within Lab SD	5.3			6.0			12.4			7.2		
Labs Included	41			40			41			40		
Labs Reporting	41			41			41			41		



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	6.90	1.32	3.02	11.10	1.98	3.12	39.37	1.62	3.13	19.17	0.57	1.89
47NKDL	7.47	1.97	1.92	9.81	0.57	0.93	37.27	0.77	1.83	19.97	1.06	1.46
6BYXUK	2.00	-4.25 X		5.67	-3.95 X	0.78	35.33	0.00	0.55	16.00	-1.38	
6N2LME	5.71	-0.03	0.52	9.30	0.01	0.67	35.48	0.06	0.71	18.09	-0.09	1.06
8WPY24	5.78	0.05	0.63	8.51	-0.85	0.64	32.27	-1.23	1.58	16.53	-1.05	1.04
9ADKK6	5.99	0.29	0.16	9.87	0.64	0.06	46.77	4.58 X	1.46	19.99	1.08	0.08
AEJDEZ	5.73	0.00	0.47	9.43	0.16	0.68	36.93	0.64	1.34	18.03	-0.13	0.46
AJTRWY	5.38	-0.41	0.24	8.80	-0.52	0.25	35.09	-0.10	0.77	17.57	-0.41	0.44
ANNKUZ	4.70	-1.18	0.15	7.84	-1.58	0.03	30.42	-1.97	0.17	15.59	-1.63	0.02
AR7KAF	5.56	-0.20	0.19	9.14	-0.16	0.70	38.04	1.08	0.49	17.41	-0.51	1.51
CRHYRA	6.33	0.68	0.13	9.97	0.75	0.08	35.33	0.00	0.20	18.03	-0.13	0.08
CTVT8A	5.63	-0.12	0.79	9.58	0.32	0.32	39.23	1.56	1.63	20.10	1.15	0.72
CXNRL6	5.31	-0.49	0.38	8.73	-0.61	0.61	34.32	-0.40	0.92	18.83	0.36	0.49
DJYCVB	5.55	-0.22	0.93	8.79	-0.54	0.15	35.16	-0.07	0.81	17.54	-0.43	0.55
DULEE7	5.03	-0.80	0.03	8.23	-1.15	0.20	32.57	-1.11	0.24	16.94	-0.80	0.49
E8N37Z	5.57	-0.19	0.26	9.09	-0.21	0.50	32.87	-0.99	0.89	17.37	-0.54	0.98
ELKG49	6.05	0.36	0.69	9.55	0.29	1.13	34.40	-0.37	0.65	17.89	-0.21	0.54
EUY662	5.54	-0.23	0.18	8.99	-0.32	0.20	36.48	0.46	1.15	18.14	-0.06	0.59
FA7LQU	5.53	-0.24	0.06	9.12	-0.18	0.05	34.36	-0.39	0.89	17.80	-0.27	0.19
FCEVG7	6.00	0.30		9.00	-0.31		34.67	-0.27	0.55	17.00	-0.76	
GCV8WQ	7.87	2.43	0.85	11.57	2.49	0.43	38.60	1.31	1.11	20.87	1.62	1.89
HCNKU3	5.12	-0.70	0.59	8.69	-0.64	0.12	35.63	0.12	0.59	18.31	0.04	1.04
KB6FBV	6.57	0.95	3.54	10.72	1.57	2.50	42.79	2.98 X	1.86	21.81	2.20	2.00
KGB96Q	4.65	-1.24	0.11	9.00	-0.31	0.14	34.20	-0.45	0.38	18.17	-0.04	0.33
KH6YB6	5.30	-0.50	0.49	8.94	-0.37	0.68	35.06	-0.11	0.88	17.59	-0.40	0.46
MG4L43	5.83	0.10	0.07	9.59	0.33	0.10	36.95	0.65	0.22	19.32	0.66	0.12
MY24TX	6.13	0.45	0.34	9.28	0.00	0.02	34.97	-0.15	0.15	18.33	0.06	0.20



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Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NJPM LV	6.10	0.41	1.84	10.70	1.55	2.70	36.00	0.27	1.66	19.33	0.67	2.71	
NZRP YU	4.69	-1.19	0.40	8.66	-0.67	0.26	37.36	0.81	2.06	20.09	1.14	1.27	
PRGM DT	6.05	0.35	0.66	9.43	0.16	0.27	36.40	0.43	0.36	18.75	0.31	0.56	
PVCEL Q	7.20	1.67	0.22	11.10	1.98	0.00	37.15	0.73	0.05	18.65	0.25	0.20	
Q3RH7X	6.30	0.64	0.81	9.63	0.38	0.43	34.87	-0.19	0.78	19.07	0.51	1.43	
RUV2UY	5.97	0.26	1.28	9.63	0.38	0.79	36.97	0.65	0.39	19.50	0.78	0.26	
TXAWAW	5.74	0.00	0.27	9.44	0.17	0.26	40.55	2.09	0.96	19.29	0.65	0.22	
VZQ3MN	5.08	-0.75	0.94	8.10	-1.29	0.26	35.27	-0.02	0.21	17.19	-0.65	0.30	
W3BAKQ	6.87	1.29	0.10	8.91	-0.40	0.12	33.73	-0.64	0.20	17.63	-0.37	0.33	
W9FBHY	7.20	1.67	0.79	10.27	1.08	0.11	38.75	1.37	0.23	20.70	1.52	1.38	
WHNKCJ	5.42	-0.36	0.33	8.82	-0.50	0.18	32.93	-0.96	0.10	16.93	-0.81	0.11	
WYREJJ	5.98	0.28	0.41	9.53	0.26	0.06	35.30	-0.02	0.10	19.79	0.96	1.69	
XWF2EM	3.96	-2.02	0.52	8.51	-0.85	2.84	34.78	-0.22	0.86	16.30	-1.19	0.52	
YXQ4ZL	6.00	0.30		10.00	0.78		39.67	1.74	0.55	19.33	0.67	0.75	
ZD26AG	4.83	-1.03	0.65	9.00	-0.31		37.77	0.97	0.62	18.57	0.20	0.40	
Cu (SubTestCode 223) in the Wet Digestion Property Groups													Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512			
	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	5.74			9.28			35.3			18.2			
Median Abs Dev	0.36			0.46			1.4			1.0			
Avg Within Lab SD	0.45			0.74			1.0			0.8			
Labs Included	41			41			40			42			
Labs Reporting	42			42			42			42			



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Mo (SubTestCode 224) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	5.80	-0.43	1.66	0.27	0.69	2.07				1.70	-0.13	2.67	
47NKDL	7.08	2.38	2.13							1.81	0.27	1.24	
6BYXUK	6.97	2.13	0.63	1.00	5.07X		0.97	5.56X	0.56	2.43	2.51	0.43	
8WPY24	3.71	-5.02 X	1.47	0.25	0.60	0.64	0.26	0.98	0.23	1.18	-2.01	0.70	
9ADKK6	6.02	0.06	0.36	0.06	-0.54	0.00	0.06	-0.33	0.00	1.37	-1.30	0.41	
AEJDEZ	5.93	-0.14	1.68	0.23	0.46	1.93	0.29	1.17	3.65	1.91	0.62	2.48	
AJTRWY	5.93	-0.15	0.53							1.42	-1.14	0.13	
B8EY4H	6.02	0.06	0.17	0.50	2.08		0.48	2.39		1.96	0.80		
CRHYRA	5.49	-1.12	0.06	0.03	-0.72	0.18	0.02	-0.59	0.00	1.66	-0.28	0.09	
DULEE7	6.43	0.94	0.39	0.17	0.09	0.05	0.13	0.12	0.07	1.97	0.86	0.43	
E8N37Z	6.26	0.57	0.39	0.13	-0.09	0.09	0.11	0.00	0.04	1.73	-0.02	0.30	
EUY662	6.18	0.41	0.20	0.11	-0.23	0.19	0.13	0.10	0.05	1.84	0.39	0.19	
FCEVG7	5.73	-0.58	0.63							1.60	-0.49	0.00	
HCNKU3	6.00	0.00	0.53	0.04	-0.67	1.05	0.06	-0.33	0.43	1.74	0.02	0.78	
MG4L43	5.60	-0.88	0.18	0.10	-0.30	0.10	0.04	-0.49	0.11	1.66	-0.26	0.08	
PRGMDT	6.20	0.45	0.90							1.60	-0.49	1.23	
PVCELQ	4.80	-2.62	0.00	1.15	5.96X	0.90	2.35	14.53X	0.49	2.65	3.29X	1.11	
Q3RH7X	5.95	-0.09	0.62	0.34	1.13	1.09	0.38	1.75	0.35	1.83	0.33	0.76	
RUV2UY	6.04	0.10	1.29	0.01	-0.84	0.00	0.01	-0.65	0.00	1.64	-0.33	0.52	
UPAWBU	8.25	4.94 X	1.58	0.47	1.93	2.01	0.10	-0.05	0.44	2.19	1.63	0.60	
VZQ3MN	5.90	-0.22	0.26	0.18	0.19	0.38	0.29	1.14	0.37	1.68	-0.20	0.84	
W9FBHY	6.06	0.14	2.46							1.91	0.63	0.98	
WYREJJ	5.68	-0.70	0.22	0.11	-0.23	0.06	0.10	-0.06	0.02	1.78	0.15	0.19	



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Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2509	SRB2510	SRB2511	SRB2512	
Grand Median	6.00	0.15	0.11	1.73	
Median Abs Dev	0.20	0.10	0.07	0.12	
Avg Within Lab SD	0.24	0.06	0.10	0.14	
Labs Included	21	16	15	22	
Labs Reporting	23	18	17	23	



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P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	0.25	-2.86		0.31	-2.63	0.00	0.08	-1.69	0.00	0.31	-3.09	0.80
7R3R2K	0.32	-0.36	1.42	0.39	-0.29	1.63	0.08	-1.69	2.08	0.39	-0.11	1.39
99G688	0.33	0.00	0.00	0.40	0.00	0.00	0.10	0.00	0.00	0.38	-0.35	0.80
B8EY4H	0.34	0.26	0.54	0.41	0.30		0.10	0.32		0.39	0.00	
DULEE7	0.35	0.62	0.95	0.42	0.63	0.25	0.10	-0.23	0.43	0.41	0.60	0.40
UPAWBU	0.34	0.36	1.42	0.41	0.39	0.94	0.11	0.56	1.20	0.41	0.49	1.60
ZEVRQQ	0.32	-0.27	0.88	0.38	-0.47	1.55	0.10	0.22	0.24	0.40	0.09	0.29
P (SubTestCode 225) in the Dry Ash Property Groups												Data units: Percent
	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	0.33			0.40			0.10			0.39		
Median Abs Dev	0.01			0.01			0.00			0.01		
Avg Within Lab SD	0.01			0.01			0.00			0.01		
Labs Included	7			7			7			7		
Labs Reporting	7			7			7			7		



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K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	0.86	-15.08 X	0.03	0.53	-12.03 X	0.34	0.41	-2.31	0.00	0.35	-6.80 X	0.34
7R3R2K	3.65	1.78	2.38	2.02	-0.74	0.85	0.58	-0.78	0.67	0.99	-2.48	0.44
99G688	3.32	-0.19	0.12	2.18	0.46	0.39	0.65	-0.18	1.02	1.36	0.06	0.73
B8EY4H	3.32	-0.21	0.15	2.17	0.34		0.72	0.45		1.49	0.91	
DULEE7	3.38	0.19	0.16	2.06	-0.44	0.80	0.67	0.00	0.50	1.35	-0.06	0.49
UPAWBU	3.58	1.40	0.13	2.35	1.72	1.36	0.74	0.63	0.39	1.42	0.46	1.68
ZEVRQQ	3.31	-0.28	0.52	2.08	-0.34	1.28	0.71	0.38	2.03	1.34	-0.09	1.10

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB2509	SRB2510	SRB2511	SRB2512
Grand Median	3.35	2.12	0.67	1.36
Median Abs Dev	0.04	0.06	0.05	0.04
Avg Within Lab SD	0.22	0.03	0.01	0.03
Labs Included	6	6	7	6
Labs Reporting	7	7	7	7



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Ca (SubTestCode 227) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	0.84	-8.75 X	1.43	0.73	-5.69 X	0.57	1.39	-8.50 X	2.63	0.49	-2.18	0.86
7R3R2K	1.19	-1.65	0.83	1.08	-0.52	0.98	1.98	-0.15	0.56	0.68	-0.56	0.74
99G688	1.28	0.24	0.48	1.16	0.72	0.57	2.06	0.93	0.32	0.78	0.33	0.43
B8EY4H	1.21	-1.20	1.19	1.08	-0.46		2.00	0.08		0.75	0.00	
DULEE7	1.26	-0.24	0.42	1.06	-0.86	1.47	1.89	-1.40	1.31	0.67	-0.63	0.76
UPAWBU	1.29	0.31	0.95	1.18	1.02	0.57	2.09	1.40	0.96	0.80	0.45	1.87
ZEVRQQ	1.29	0.41	1.61	1.15	0.46	1.11	1.98	-0.08	1.39	0.81	0.57	0.69

Ca (SubTestCode 227) in the Dry Ash Property Groups

Data units: Percent

	SRB2509		SRB2510		SRB2511		SRB2512	
Grand Median	1.27		1.12		1.99		0.75	
Median Abs Dev	0.02		0.04		0.04		0.07	
Avg Within Lab SD	0.01		0.01		0.02		0.01	
Labs Included	6		6		6		7	
Labs Reporting	7		7		7		7	



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Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2509				SRB2510				SRB2511				
	Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score		
2ZLUXB	0.07	-18.34	X	0.00	0.07	-14.90	X	0.00	0.04	-16.55	X	1.06	
7R3R2K	0.31	-2.40		1.91	0.34	-1.78		1.80	0.21	-1.51		1.84	
99G688	0.35	0.00		0.00	0.38	0.35		0.00	0.24	0.89		1.06	
B8EY4H	0.34	-0.90		0.44	0.37	-0.19			0.23	-0.10			
DULEE7	0.35	0.07		0.13	0.36	-0.53		0.74	0.21	-1.15		0.32	
UPAWBU	0.35	0.00		1.25	0.38	0.19		0.68	0.23	0.29		0.00	
ZEVRQQ	0.36	0.68		0.75	0.39	1.00		0.87	0.23	0.10		0.62	
Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
	SRB2509				SRB2510				SRB2511				
	Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score		
Grand Median	0.35				0.37				0.23				
Median Abs Dev	0.01				0.01				0.01				
Avg Within Lab SD	0.01				0.01				0.01				
Labs Included	6				6				6				
Labs Reporting	7				7				7				



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ZLUXB	0.050	0.99	2.60	0.020	2.20	1.89	0.020	1.39	0.00	0.010	0.75	0.00	
7R3R2K	0.041	-0.35	0.15	0.005	0.00	0.19	0.016	-0.13	0.95	0.006	0.00	0.40	
99G688	0.060	2.47	0.00	0.017	1.71	1.09	0.030	5.20	0.00	0.017	2.01	2.31	
B8EY4H	0.042	-0.19	0.07	0.004	-0.08		0.018	0.79		0.008	0.45		
DULEE7	0.041	-0.39	0.09	0.001	-0.59	0.00	0.015	-0.51	0.00	0.004	-0.38	0.00	
UPAWBU	0.043	0.00	0.31	0.005	0.00		0.017	0.13	1.10	0.003	-0.57	0.40	
ZEVRQQ	0.046	0.34	0.29	0.004	-0.15	0.45	0.013	-1.10	1.70	0.003	-0.56	0.57	
Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	0.043			0.005			0.016			0.006			
Median Abs Dev	0.002			0.001			0.002			0.003			
Avg Within Lab SD	0.007			0.005			0.001			0.002			
Labs Included	7			7			6			7			
Labs Reporting	7			7			7			7			



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AI (SubTestCode 230) in the Dry Ash Property Groups														Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
99G688	195.7		0.51	182.8		0.36	221.9		0.52	189.7		0.98		
DULEE7	103.6		0.11	42.9		0.35	214.2		0.74	72.0		0.43		
XWF2EM	104.6		1.65	47.4		1.66	224.9		1.48	69.4		1.36		
AI (SubTestCode 230) in the Dry Ash Property Groups														Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512				
Grand Median	104.6			47.4			221.9			72.0				
Median Abs Dev														
Avg Within Lab SD	7.4			5.1			3.0			3.1				
Labs Included	3			3			3			3				
Labs Reporting	3			3			3			3				



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7R3R2K	30.5	-0.96	0.11	46.3	-0.94	0.08	17.4	-0.62	0.21	14.8	-0.65	0.04
99G688	35.3	0.47	1.98	50.4	-0.09	1.73	24.3	1.44	1.19	18.4	0.17	2.42
B8EY4H	33.7	0.00	0.85	55.1	0.87		19.2	-0.09		16.9	-0.17	
DULEE7	33.7	-0.03	0.23	50.9	0.00	0.79	17.3	-0.65	0.46	14.2	-0.79	0.15
UPAWBU	40.7	2.06	0.43	60.0	1.87	0.77	24.3	1.45	1.23	27.3	2.21	0.20
XWF2EM	30.8	-0.88	1.38	48.4	-0.50	0.89	19.5	0.00	1.67	17.6	0.00	0.28
ZEVRQQ	34.8	0.32	0.43	53.0	0.44	0.99	21.1	0.48	0.20	20.8	0.72	0.14

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2509		SRB2510		SRB2511		SRB2512	
Grand Median	33.7		50.9		19.5		17.6	
Median Abs Dev	1.6		2.5		2.1		2.8	
Avg Within Lab SD	1.3		1.3		0.5		2.8	
Labs Included	7		7		7		7	
Labs Reporting	7		7		7		7	



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Zn (SubTestCode 232) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ZLUXB	16.0	-9.85 X	13.74	24.2	-2.43	1.58	12.3	-1.98	2.22	16.2	-16.16 X	1.79	
7R3R2K	33.2	-1.05	0.21	29.2	-0.87	0.13	14.1	-0.94	0.05	38.9	0.19	0.74	
99G688	35.2	-0.04	0.52	32.2	0.09	1.32	15.8	0.00	0.10	40.2	1.13	2.00	
B8EY4H	35.4	0.06	1.16	31.9	0.00		15.8	0.01		38.9	0.21		
DULEE7	30.6	-2.37	0.59	28.1	-1.20	0.17	13.4	-1.33	0.08	36.0	-1.90	0.29	
UPAWBU	35.3	0.04	1.20	32.0	0.03	0.84	16.0	0.11		38.3	-0.19	0.57	
ZEVRQQ	36.2	0.48	1.60	32.3	0.11	1.00	16.4	0.35	0.19	38.0	-0.42	0.19	
Zn (SubTestCode 232) in the Dry Ash Property Groups													Data units: mg/kg
SRB2509			SRB2510			SRB2511			SRB2512				
Grand Median		35.3			31.9			15.8			38.6		
Median Abs Dev		0.5			0.3			0.6			0.4		
Avg Within Lab SD		0.5			1.2			3.0			1.0		
Labs Included		6			7			7			6		
Labs Reporting		7			7			7			7		



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Mn (SubTestCode 233) in the Dry Ash Property Groups													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ZLUXB	23.1	-0.84	2.02	90.0	-1.40	1.71	50.9	0.40	2.14	91.9	-0.98	1.56	
7R3R2K	25.0	-0.53	0.55	86.5	-1.90	0.15	34.1	-1.13	0.57	81.2	-2.04	0.27	
99G688	20.2	-1.31	0.33	95.5	-0.60	0.27	31.9	-1.32	0.58	100.4	-0.13	0.52	
B8EY4H	29.0	0.11	0.87	102.9	0.46		57.4	0.98		111.9	1.02		
DULEE7	30.2	0.31	0.40	100.2	0.08	0.82	52.2	0.52	0.39	103.0	0.13	0.61	
UPAWBU	28.3	0.00	1.25	99.7	0.00	0.67	42.3	-0.38	0.73	101.7	0.00	1.57	
ZEVRQQ	38.5	1.63	0.08	101.6	0.28	1.36	46.5	0.00	0.29	105.9	0.42	0.61	
Mn (SubTestCode 233) in the Dry Ash Property Groups													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	28.3			99.7			46.5			101.7			
Median Abs Dev	3.3			3.2			5.7			4.2			
Avg Within Lab SD	0.5			2.3			0.8			2.4			
Labs Included	7			7			7			7			
Labs Reporting	7			7			7			7			



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Fe (SubTestCode 234) in the Dry Ash Property Groups													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2ZLUXB	170.2	0.83	1.94	118.2	0.38	0.04	253.5	1.12	1.23	169.3	1.40	1.05	
7R3R2K	106.9	-2.05	0.65	81.2	-1.92	0.07	101.8	-1.43	0.87	69.3	-0.89	0.33	
99G688	151.6	-0.02	0.52	112.1	0.00	0.04	186.8	0.00	1.08	108.2	0.00	0.88	
B8EY4H	175.8	1.08	0.28	122.2	0.63		261.3	1.25		191.9	1.92		
DULEE7	152.0	0.00	0.71	106.3	-0.36	0.20	164.0	-0.38	1.22	100.9	-0.17	0.50	
UPAWBU	146.0	-0.27	0.64	105.0	-0.44	0.15	167.0	-0.33	0.57	105.7	-0.06	1.15	
ZEVRQQ	162.5	0.47	1.25	128.1	0.99	2.43	198.3	0.19	0.86	120.6	0.28	1.56	
Fe (SubTestCode 234) in the Dry Ash Property Groups													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	152.0			112.1			186.8			108.2			
Median Abs Dev	10.4			7.1			22.8			12.4			
Avg Within Lab SD	3.1			6.6			3.5			2.6			
Labs Included	7			7			7			7			
Labs Reporting	7			7			7			7			



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Cu (SubTestCode 235) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2ZLUXB	7.88	1.89	1.49	11.14	1.11	2.30	34.05	0.00	1.94	11.25	1.11	2.02
7R3R2K	5.90	-0.23	0.15	8.50	-0.72	0.12	30.60	-1.11	0.18	5.53	-0.46	0.30
99G688	4.70	-1.51	2.10	6.60	-2.03	0.21	30.03	-1.30	1.22	5.30	-0.52	0.59
B8EY4H	6.11	0.00	0.53	9.83	0.20		35.66	0.52		11.45	1.17	
DULEE7	5.72	-0.42	0.04	8.88	-0.46	0.18	34.63	0.19	0.27	11.60	1.21	1.05
UPAWBU	6.50	0.42	0.15	9.83	0.20	0.36	37.27	1.04	0.74	7.20	0.00	0.59
ZEVRQQ	6.36	0.26	0.15	9.54	0.00	0.69	32.30	-0.56	0.31	6.31	-0.25	0.15

Cu (SubTestCode 235) in the Dry Ash Property Groups

Data units: mg/kg

	SRB2509			SRB2510			SRB2511			SRB2512		
Grand Median	6.11			9.54			34.0			7.20		
Median Abs Dev	0.39			0.67			1.8			1.90		
Avg Within Lab SD	0.66			0.81			0.5			0.51		
Labs Included	7			7			7			7		
Labs Reporting	7			7			7			7		



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Mo (SubTestCode 236) in the Dry Ash Property Groups												Data units: mg/kg
SRB2509			SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
99G688	4.23		0.50							0.40		
DULEE7	5.78		0.24	0.14		0.32	0.10		0.07	1.71		0.24
UPAWBU	8.12		0.62	0.24		1.38	0.15		1.41	2.26		1.39
XWF2EM	4.73		1.82									
Mo (SubTestCode 236) in the Dry Ash Property Groups												Data units: mg/kg
SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	5.25			0.19			0.12			1.71		
Median Abs Dev												
Avg Within Lab SD	0.58			0.03			0.03			0.04		
Labs Included	4			2			2			3		
Labs Reporting	4			2			2			3		



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As (SubTestCode 237) in the Heavy Metals Property Groups													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9ADKK6	1.50	1.48	0.99	1.59	1.59	0.52	2.44	1.78	1.03	1.78	1.64	1.24	
B8EY4H	0.83	0.70		6.48	6.84	X							
E8N37Z	0.13	-0.12	0.16	0.05	-0.07	0.03	0.21	-0.13	0.20	0.13	-0.10	0.08	
MG4L43	0.23	0.00	0.40	0.10	-0.01	1.43	0.48	0.10	0.95	0.27	0.05	0.28	
RUV2UY	0.15	-0.09	0.09	0.05	-0.06	0.02	0.23	-0.11	0.11	0.18	-0.05	0.03	
WYREJJ	0.18	-0.05	0.03	0.12	0.01	0.09	0.25	-0.10	0.15	0.18	-0.05	0.08	
XWF2EM	2.20	2.29	2.20	2.27	2.32	1.92	2.50	1.83	1.99	2.27	2.16	2.09	
As (SubTestCode 237) in the Heavy Metals Property Groups													Data units: mg/kg
SRB2509				SRB2510			SRB2511			SRB2512			
Grand Median	0.23			0.11			0.36			0.23			
Median Abs Dev	0.10			0.06			0.14			0.07			
Avg Within Lab SD	0.09			0.08			0.09			0.07			
Labs Included	7			6			6			6			
Labs Reporting	7			7			6			6			



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9ADKK6	11.1	0.38	0.62	47.9	0.55	0.38	11.4	1.34	1.71	4.2	-0.41	0.49	
B8EY4H	10.5	-0.38		38.6	-1.23		9.9	0.10		4.7	0.35		
E8N37Z	10.5	-0.42	1.73	43.8	-0.24	2.15	8.6	-0.94	1.02	4.0	-0.81	0.72	
MG4L43	9.3	-1.84	0.50	38.3	-1.29	0.02	8.6	-0.96	0.22	4.3	-0.35	0.24	
PRGMDT	11.1	0.43	0.91	45.9	0.16	0.40	9.6	-0.10	0.84	4.7	0.37	1.79	
PVCELQ	17.7	8.76	X 0.57	51.6	1.26	0.23	18.9	7.29	X 0.19	52.9	80.69	X 0.39	
RUV2UY	11.3	0.61	0.73	45.1	0.00	1.00	10.5	0.59	0.54	5.5	1.76	1.00	
Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512			
Grand Median	10.8			45.1			9.76			4.46			
Median Abs Dev	0.3			2.9			0.96			0.23			
Avg Within Lab SD	0.2			0.9			0.26			0.13			
Labs Included	6			7			6			6			
Labs Reporting	7			7			7			7			



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9ADKK6	0.08	2.98	1.97	0.93	0.84	0.12	0.08	0.49	2.14	0.21	3.07	2.16
B8EY4H				0.89	0.43		0.22	1.72		0.09	0.63	
E8N37Z	0.02	-0.18	0.26	0.82	-0.18	0.38	0.02	-0.05	0.20	0.05	-0.23	0.26
MG4L43	0.03	0.04	0.95	0.76	-0.77	0.00	0.02	-0.05	0.60	0.06	0.02	0.46
PRGMDT				0.93	0.81	0.56						
RUV2UY	0.02	-0.17	0.26	0.86	0.18	0.15	0.02	-0.04	0.06	0.06	-0.02	0.12
WYREJJ	0.03	0.00	0.29	0.78	-0.58	0.09	0.02	0.00	0.11	0.06	-0.07	0.21
XWF2EM				0.67	-1.60	2.55	0.30	2.37				

Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	0.025			0.84			0.022			0.064		
Median Abs Dev	0.003			0.07			0.006			0.007		
Avg Within Lab SD	0.006			0.08			0.009			0.012		
Labs Included	5			8			7			6		
Labs Reporting	5			8			7			6		



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9ADKK6	0.08	-0.42	0.47	0.17	0.43	0.27	0.15	-0.27	0.90	0.25	0.48	0.58
AEJDEZ	0.26	1.38	2.44	0.20	0.99	2.37	0.23	1.13	1.88	0.18	0.00	2.15
B8EY4H	0.95	8.24 X		0.76	11.37 X		0.21	0.70		0.51	2.26	
E8N37Z	0.11	-0.12	0.07	0.12	-0.50	0.03	0.15	-0.29	0.07	0.10	-0.52	0.08
FCEVG7	0.17	0.48	0.85	0.21	1.24	0.35	0.26	1.74	1.23	0.30	0.86	0.99
MG4L43	0.10	-0.21	0.35	0.12	-0.43	0.43	0.14	-0.60	0.37	0.14	-0.26	0.23
PVCELQ	0.33	2.10	0.05				0.97	14.73 X	0.06			
RUV2UY	0.12	0.00	0.05	0.12	-0.45	0.03	0.17	0.00	0.03	0.13	-0.35	0.02

Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Grand Median	0.12			0.14			0.17			0.18		
Median Abs Dev	0.04			0.03			0.03			0.07		
Avg Within Lab SD	0.04			0.06			0.05			0.07		
Labs Included	7			6			7			7		
Labs Reporting	8			7			8			7		



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9ADKK6	0.74	0.03	0.67	9.84	0.81	0.27	0.64	0.14	0.57	0.49	1.74	1.53
AJTRWY	0.37	-2.40	0.77	9.26	-0.27	1.78	0.04	-2.51	0.70	2.27	16.97X	5.50
B8EY4H	4.03	22.11X		9.55	0.27		0.92	1.39				
E8N37Z	0.68	-0.36	0.49	9.09	-0.58	1.80	0.49	-0.50	0.17	0.19	-0.84	0.48
MG4L43	0.73	0.02	0.19	8.74	-1.21	0.20	0.62	0.05	0.42	0.30	0.09	0.00
PRGMDT	0.99	1.74	2.33	10.01	1.13	0.56	0.67	0.29	2.44	0.22	-0.62	1.80
PVCELQ	14.95	95.18X	0.83	21.40	22.11X	0.00	11.10	46.18X	2.48	12.50	104.61X	
RUV2UY	0.71	-0.17	0.08	9.61	0.39	0.38	0.59	-0.05	0.13	0.28	-0.09	0.24
WYREJJ	0.73	0.00	0.49	9.00	-0.74	0.16	0.50	-0.47	0.08	0.37	0.66	0.32
XWF2EM				3.83	-10.26X	6.10						

Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	0.73			9.40			0.61			0.29		
Median Abs Dev	0.03			0.36			0.09			0.07		
Avg Within Lab SD	0.06			0.15			0.08			0.04		
Labs Included	7			8			8			6		
Labs Reporting	9			10			9			8		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9ADKK6	1.24	2.80	2.38	1.51	2.17	2.19	1.78	2.13	1.92	2.16	2.16	2.57
AJTRWY	0.10	-0.23	0.54	0.10	-0.19		0.57	-0.34	1.42	0.08	-0.25	0.50
B8EY4H	0.74	1.46		1.26	1.76		1.71	1.97		2.58	2.63	
E8N37Z	0.10	-0.24	0.17	0.09	-0.21	0.16	0.59	-0.30	0.61	0.16	-0.16	0.09
MG4L43	0.27	0.21	0.97	0.33	0.20	0.39	0.82	0.17	0.94	0.34	0.06	0.31
PVCELQ	0.24	0.12	0.24				0.80	0.12	0.00	0.32	0.03	0.00
RUV2UY	0.11	-0.21	0.04	0.09	-0.20	0.01	0.68	-0.12	0.10	0.22	-0.08	0.12
WYREJJ	0.14	-0.12	0.01	0.21	0.00	0.15	0.62	-0.25	0.02	0.27	-0.03	0.18

Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	0.19			0.21			0.74			0.29		
Median Abs Dev	0.08			0.12			0.13			0.10		
Avg Within Lab SD	0.06			0.07			0.12			0.06		
Labs Included	8			7			8			8		
Labs Reporting	8			7			8			8		



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2509			SRB2510			SRB2511			SRB2512		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9ADKK6	62.7	1.10	0.21	28.8	0.73	0.87	228.0	2.35	1.75	46.7	0.71	1.25
B8EY4H	54.8	-0.40		28.7	0.69		170.1	-0.49		43.0	-0.31	
E8N37Z	57.2	0.06	2.00	26.4	-0.25	1.88	181.0	0.04	1.72	42.6	-0.40	2.10
FCEVG7	56.6	-0.06	0.10	25.5	-0.60	1.13	179.2	-0.04	0.53	44.9	0.22	0.27
MG4L43	50.8	-1.15	0.96	24.9	-0.86	1.03	164.3	-0.78	0.37	43.3	-0.22	0.78
PRGMDT	61.1	0.80	0.13	27.6	0.25	0.38	184.0	0.19	0.31	46.8	0.72	0.29
PVCELQ	52.3	-0.87	0.99	22.9	-1.67	0.18	161.0	-0.94	0.66	41.4	-0.75	0.21
RUV2UY	61.9	0.94	1.03	27.9	0.35	0.45	191.6	0.56	0.10	51.8	2.07	0.44

Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg
	SRB2509			SRB2510			SRB2511			SRB2512		
	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	56.9			27.0			180.1			44.1		
Median Abs Dev	4.4			1.6			10.7			2.1		
Avg Within Lab SD	0.6			0.5			3.0			0.7		
Labs Included	8			8			8			8		
Labs Reporting	8			8			8			8		



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PH (SubTestCode 301)										Data units:
WebCode	SRW2507			SRW2508			SRW2509			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
247L9D	7.70	0.07	0.14	7.95	0.22	0.06	8.01	0.35	0.03	
2ZLUXB	7.35	-0.84	0.59	7.47	-0.89	0.08	7.80	-0.50	0.00	
43MGP7	7.47	-0.53	1.29	7.80	-0.12	0.00	7.90	-0.09	1.63	
47NKDL	8.06	1.01	0.56	8.71	2.01	0.40	8.33	1.63	0.52	
6BYXUK	7.75	0.21	0.78	7.84	-0.02	0.23	7.89	-0.15	0.09	
7R3R2K	7.82	0.39	0.59	8.03	0.42	0.24	8.19	1.09	0.25	
CRHYRA	7.37	-0.79	1.29	8.03	0.42	0.43	8.17	0.99	0.94	
CTVT8A	7.75	0.21	0.45	7.86	0.02	0.20	8.01	0.36	0.77	
DJYCVB	7.80	0.34	0.00	7.48	-0.87	0.00	7.74	-0.76	0.19	
FWK7MU	7.59	-0.21	2.46	7.70	-0.35	1.61	7.85	-0.28	2.70	
KB6FBV	7.37	-0.79	1.29	7.77	-0.20	0.43	7.90	-0.09	0.00	
KGB96Q	7.72	0.14	0.13	7.96	0.25	0.23	8.08	0.64	0.16	
KH6YB6	6.43	-3.23	0.26	6.97	-2.05	0.24	7.53	-1.58	1.81	
MG4L43	7.53	-0.37	0.00	7.82	-0.07	0.00	7.87	-0.22	0.00	
PRGMDT	7.72	0.12	0.47	7.92	0.17	0.16	8.05	0.51	0.59	
QM2CZP	7.70	0.08	0.22	7.94	0.21	0.00	8.08	0.65	0.09	
RUV2UY	7.63	-0.10	1.29	7.83	-0.04	0.43	7.93	0.04	0.94	
TXAWAW	7.66	-0.03	0.81	8.23	0.89	4.14	7.91	-0.04	1.20	
UPAWBU	7.68	0.03	0.90	7.95	0.22	0.19	8.01	0.34	0.77	
W9FBHY	8.45	2.03	0.13	8.89	2.43	0.04	8.55	2.54	0.16	
WYREJJ	6.48	-3.10	1.91	6.66	-2.77	0.48	7.21	-2.91	2.31	
XJE7HF	7.64	-0.09	1.46	7.68	-0.41	1.67	7.91	-0.05	0.43	
XWF2EM	7.23	-1.14	1.29	7.43	-0.98	0.43	7.90	-0.09	0.00	
YXQ4ZL	7.80	0.34	0.39	7.91	0.14	0.08	7.99	0.27	0.28	



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PH (SubTestCode 301)				Data units:
	SRW2507	SRW2508	SRW2509	
Grand Median	7.67	7.85	7.92	
Median Abs Dev	0.13	0.13	0.09	
Avg Within Lab SD	0.04	0.13	0.06	
Labs Included	24	24	24	
Labs Reporting	24	24	24	



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EC (SubTestCode 302)										Data units: dS/m
WebCode	SRW2507			SRW2508			SRW2509			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
247L9D	0.77	-0.57	0.10	0.39	0.30	0.11	1.59	-0.51	0.09	
2ZLUXB	0.81	0.89	0.46	0.39	-0.22	0.00	1.63	0.12	0.00	
43MGP7	0.82	1.49	4.14	0.41	2.02	3.75	1.72	1.68	4.11	
47NKDL	0.79	0.19	0.14	0.39	0.26	0.73	1.66	0.58	0.25	
6BYXUK	0.78	-0.19	0.18	0.39	-0.44	0.20	1.63	0.15	0.22	
7R3R2K	0.78	-0.30	0.80	0.40	0.90	1.42	1.59	-0.58	1.14	
CRHYRA	0.79	0.00	0.46	0.40	0.52	0.82	1.66	0.58	0.25	
CTVT8A	0.79	0.00	0.46	0.39	-0.22	0.00	1.63	0.17	0.25	
DJYCVB	0.83	2.09	0.46	0.39	-0.04	0.41	1.58	-0.75	1.14	
FWK7MU	0.76	-1.15	0.84	0.39	0.00	0.62	1.51	-2.05	0.99	
KB6FBV	0.80	0.64	0.08	0.40	1.05	0.08	1.68	0.99	0.00	
KGB96Q	0.80	0.45	0.46	0.40	0.90	1.42	1.57	-0.93	0.43	
KH6YB6	0.76	-1.24	0.83	0.38	-1.42	0.33	1.57	-0.91	0.98	
MG4L43	0.75	-1.86	0.08	0.38	-1.79	0.14	1.55	-1.30	0.07	
PRGMDT	0.79	0.00	0.17	0.39	0.00	0.00	1.64	0.26	0.04	
QM2CZP	0.78	-0.45	0.00	0.39	-0.22	0.02	1.61	-0.23	0.00	
RUV2UY	0.77	-0.89	0.46	0.39	-0.60	0.82	1.58	-0.70	0.66	
TXAWAW	766.67	223.23	X 46.03	387.67	437.95	X 216.67	1,564.00	200.66	X 522.27	
UPAWBU	0.80	0.45	0.46	0.40	1.27	0.82	1.65	0.52	0.25	
W9FBHY	0.47	-14.31	X 1.76	0.39	0.22	0.75	1.53	-1.60	0.16	
WYREJJ	0.79	0.35	0.08	0.39	-0.19	0.11	1.64	0.36	0.08	
XJE7HF	0.81	0.92	0.59	0.41	2.32	0.59	1.64	0.27	0.44	
XWF2EM	0.78	-0.42	0.48	0.39	0.00	0.14	1.62	0.00	0.59	
YXQ4ZL	0.78	-0.30	0.80	0.39	-0.60	0.82	1.61	-0.29	0.25	



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EC (SubTestCode 302)		Data units: dS/m		
	SRW2507	SRW2508	SRW2509	
Grand Median	0.79	0.39	1.62	
Median Abs Dev	0.01	0.00	0.03	
Avg Within Lab SD	0.01	0.01	0.02	
Labs Included	22	23	23	
Labs Reporting	24	24	24	



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	6.24	-0.81	0.96	2.33	0.28	0.67	7.23	-0.78	0.72
2ZLUXB	3.08	-7.28 X	0.16	0.65	-6.42 X	0.87	3.58	-8.62 X	0.21
43MGP7	6.80	0.33	0.43	2.33	0.31	0.59	7.83	0.50	1.40
47NKDL	6.62	-0.03	0.35	2.31	0.21	0.16	7.51	-0.19	0.07
6BYXUK	6.64	0.00	0.22	2.22	-0.15	0.29	7.60	0.00	0.34
7R3R2K	7.11	0.97	0.72	2.41	0.62	1.07	7.88	0.59	0.14
CRHYRA	6.99	0.71	0.00	2.50	0.96	0.00	8.03	0.93	0.00
CTVT8A	7.24	1.23	1.19	2.40	0.59	1.09	8.09	1.04	1.05
DJYCVB	112.23	216.18 X	11.76	40.93	154.43 X	15.71	131.03	264.55 X	20.13
FWK7MU	6.20	-0.89	1.37	1.79	-1.86	1.70	7.38	-0.48	1.44
KB6FBV	7.64	2.04	2.96	2.64	1.54	2.35	8.37	1.64	2.73
KGB96Q	6.98	0.70	0.02	2.43	0.70	0.10	8.17	1.21	0.05
KH6YB6	6.65	0.01	1.13	2.08	-0.69	0.79	7.65	0.10	1.57
MG4L43	6.17	-0.96	0.26	2.04	-0.87	0.21	7.24	-0.77	0.07
PRGMDT	6.63	-0.03	1.29	2.26	0.00	0.20	7.43	-0.38	0.69
RUV2UY	6.59	-0.09	0.24	2.12	-0.53	0.08	7.57	-0.05	0.49
TXAWAW	6.48	-0.33	0.61	2.06	-0.77	0.21	7.43	-0.36	0.72
UPAWBU	5.97	-1.38	0.50	2.17	-0.35	0.59	6.97	-1.36	1.31
W9FBHY	6.51	-0.27	1.58	1.97	-1.12	1.29	7.28	-0.69	1.34
WYREJJ	6.90	0.53	0.32	2.23	-0.10	0.30	7.86	0.57	0.32
XJE7HF	7.40	1.55	0.87	2.58	1.31	2.53	8.33	1.56	0.30
XWF2EM	7.14	1.01	0.21	2.42	0.65	0.19	7.87	0.57	0.36
YXQ4ZL	6.50	-0.28	0.31	2.12	-0.55	0.16	7.42	-0.39	0.48



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW2507	SRW2508	SRW2509
Grand Median	6.64	2.26	7.60
Median Abs Dev	0.34	0.16	0.27
Avg Within Lab SD	0.23	0.10	0.29
Labs Included	21	21	21
Labs Reporting	23	23	23



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Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.87	-0.96	0.19	1.24	-0.39	0.38	5.10	-1.26	0.61
2ZLUXB	0.41	-7.01 X	0.71	0.55	-7.14 X	0.81	2.99	-7.71 X	1.09
43MGP7	0.93	-0.05	1.41	1.33	0.51	1.33	5.53	0.07	2.12
47NKDL	0.99	0.75	0.02	1.35	0.64	0.13	5.19	-0.98	0.51
6BYXUK	0.99	0.71	0.00	1.32	0.38	0.00	5.27	-0.74	0.53
7R3R2K	1.08	1.85	2.88	1.26	-0.24	2.34	5.78	0.83	0.20
CRHYRA	0.99	0.68	0.00	1.36	0.75	0.00	5.60	0.26	0.00
CTVT8A	1.05	1.56	1.55	1.43	1.42	1.99	6.09	1.78	1.39
DJYCVB	8.81	105.38 X	3.93	11.63	100.71 X	10.36	51.36	140.08 X	12.16
FWK7MU	1.26	4.28 X	0.71	1.59	2.98 X	5.94	4.42	-3.34 X	3.20
KB6FBV	0.99	0.75	1.82	1.40	1.20	2.28	5.87	1.10	3.03
KGB96Q	0.87	-0.90	0.24	1.25	-0.33	0.35	5.63	0.35	0.10
KH6YB6	0.94	0.04	0.42	1.21	-0.72	0.13	5.40	-0.34	0.63
MG4L43	0.84	-1.23	0.21	1.17	-1.09	0.23	5.26	-0.77	0.09
PRGMDT	0.91	-0.31	0.49	1.28	0.01	0.19	5.27	-0.75	1.19
RUV2UY	0.90	-0.48	0.21	1.23	-0.48	0.23	5.47	-0.14	0.39
TXAWAW	0.91	-0.37	0.25	1.28	-0.01	0.23	5.70	0.58	0.29
UPAWBU	0.93	-0.05	1.41	1.17	-1.11	1.33	5.27	-0.75	0.76
W9FBHY	0.93	-0.04	0.32	1.23	-0.47	0.58	5.49	-0.07	0.55
WYREJJ	0.89	-0.69	0.21	1.18	-0.99	0.13	5.34	-0.53	0.14
XJE7HF	0.96	0.26	0.99	1.31	0.25	0.74	5.63	0.37	0.37
XWF2EM	1.02	1.07	0.31	1.40	1.11	0.55	5.88	1.13	0.35
YXQ4ZL	0.99	0.75	0.37	1.42	1.39	0.27	5.74	0.70	0.46



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Mg (SubTestCode 304) in the Cations Property Groups				Data units: mmolc/L
	SRW2507	SRW2508	SRW2509	
Grand Median	0.94	1.28	5.51	
Median Abs Dev	0.05	0.06	0.23	
Avg Within Lab SD	0.04	0.04	0.15	
Labs Included	20	20	20	
Labs Reporting	23	23	23	



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.65	0.82	0.76	0.74	1.57	0.57	4.23	-3.61X	0.51
2ZLUXB	0.46	-2.41	2.61	0.53	-1.55	2.33	5.09	-1.88	0.19
43MGP7	0.62	0.27	1.45	0.68	0.70	1.68	6.23	0.42	2.13
47NKDL	0.62	0.28	0.02	0.66	0.34	0.16	5.85	-0.33	0.32
6BYXUK	0.57	-0.55	0.00	0.61	-0.35	0.00	5.45	-1.15	0.57
7R3R2K	0.57	-0.61	0.15	0.59	-0.66	0.39	6.05	0.07	0.24
CRHYRA	0.52	-1.34	0.00	0.57	-1.02	0.00	6.00	-0.03	0.00
CTVT8A	0.62	0.24	1.81	0.65	0.22	1.30	6.56	1.10	0.54
DJYCVB	9.92	153.20X	11.48	10.97	155.51X	25.10	147.10	285.11X	37.18
FWK7MU	0.60	0.00	0.61	0.63	-0.05	0.81	5.95	-0.13	0.04
KB6FBV	0.67	1.17	1.37	0.72	1.33	1.23	6.52	1.02	2.18
KGB96Q	0.65	0.71	0.23	0.67	0.55	0.47	6.25	0.46	0.16
KH6YB6	0.60	-0.05	0.00	0.63	0.00	0.27	5.89	-0.26	0.57
MG4L43	0.56	-0.78	0.23	0.59	-0.69	0.23	5.47	-1.11	0.08
PRGMDT	0.61	0.15	0.79	0.66	0.35	0.23	5.82	-0.39	1.75
QM2CZP	0.61	0.10	0.27	0.69	0.90	0.57	5.63	-0.79	0.63
RUV2UY	0.65	0.83	0.42	0.67	0.55	0.30	6.17	0.30	0.36
TXAWAW	0.58	-0.46	0.12	0.60	-0.48	0.16	5.75	-0.54	0.07
UPAWBU	0.50	-1.70		0.50	-2.01		4.63	-2.80	0.37
W9FBHY	0.63	0.47	0.42	0.64	0.15	1.59	6.07	0.11	0.71
WYREJJ	0.57	-0.54	0.41	0.61	-0.34	0.36	6.03	0.03	0.75
XJE7HF	0.58	-0.44	2.32	0.63	-0.10	2.30	6.26	0.49	1.23
XWF2EM	0.67	1.05	0.20	0.71	1.14	0.40	6.39	0.76	0.84
YXQ4ZL	0.57	-0.55	0.40	0.60	-0.45	0.71	6.35	0.66	2.13



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Na (SubTestCode 305) in the Cations Property Groups				Data units: mmolc/L
	SRW2507	SRW2508	SRW2509	
Grand Median	0.60	0.63	6.02	
Median Abs Dev	0.03	0.04	0.23	
Avg Within Lab SD	0.02	0.02	0.16	
Labs Included	23	23	22	
Labs Reporting	24	24	24	



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.369	0.02	1.56	0.062	1.21	0.27	0.186	1.46	0.41
2ZLUXB	0.370	0.04	1.53	0.040	-0.43	0.00	0.147	-0.08	0.61
43MGP7	0.370	0.04	2.34	0.053	0.59	0.66	0.150	0.05	1.05
47NKDL	0.362	-0.29	0.05				0.148	-0.05	0.06
6BYXUK	0.233	-5.44 X	4.09	0.030	-1.20	0.00	0.053	-3.72 X	2.65
7R3R2K	0.301	-2.73	0.23	0.034	-0.86	0.09	0.147	-0.07	0.18
CRHYRA	0.396	1.10	0.00	0.051	0.42	0.00	0.153	0.18	0.00
DJYCVB	9.677	373.37 X	33.48	1.817	135.52 X	4.60	4.823	182.20 X	14.39
KB6FBV	0.383	0.55	1.25	0.050	0.32	0.52	0.168	0.74	0.42
KGB96Q	0.340	-1.16	0.00				0.120	-1.12	0.00
KH6YB6	0.380	0.44	0.00	0.043	-0.18	0.66	0.150	0.05	0.00
MG4L43	0.337	-1.26	0.28	0.040	-0.40	0.05	0.139	-0.37	0.05
PRGMDT	0.357	-0.48	1.00	0.047	0.08	0.07	0.139	-0.37	0.74
QM2CZP	0.369	-0.02	0.56	0.063	1.35	0.04	0.186	1.44	0.73
RUV2UY	0.374	0.21	0.53	0.056	0.78	0.05	0.180	1.20	0.22
TXAWAW	0.394	1.02	0.49	0.095	3.77 X	1.37	0.190	1.59	1.34
UPAWBU	0.373	0.17	1.35	0.067	1.61	0.66	0.177	1.08	0.61
W9FBHY	0.367	-0.08	0.93	0.060	1.08	0.13	0.156	0.28	0.44
WYREJJ	0.345	-0.95	0.27	0.045	-0.08	0.07	0.139	-0.40	0.06
XJE7HF	0.340	-1.16	1.53	0.040	-0.43	3.94	0.100	-1.90	3.65
XWF2EM	0.377	0.33	0.17	0.040	-0.43	0.58	0.140	-0.34	0.45
YXQ4ZL	0.333	-1.43	1.02	0.037	-0.69	0.66	0.130	-0.73	1.05



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K (SubTestCode 306) in the Cations Property Groups				Data units: mmolc/L
	SRW2507	SRW2508	SRW2509	
Grand Median	0.37	0.046	0.15	
Median Abs Dev	0.01	0.007	0.01	
Avg Within Lab SD	0.01	0.009	0.01	
Labs Included	20	18	20	
Labs Reporting	22	20	22	



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NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
SRW2507				SRW2508			SRW2509			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7				0.010	0.01					
CRHYRA	0.022	0.00	0.00	0.006	-0.04	0.00	0.006	-0.03	0.00	
MG4L43	0.002	-0.21	0.02	0.008	-0.01	0.03	0.002	-0.06	0.02	
RUV2UY	0.007	-0.15	0.10	0.006	-0.04	0.09	0.008	0.00	0.36	
WYREJJ	0.048	0.26	0.07	0.029	0.25	0.09	0.028	0.21	0.31	
XWF2EM	0.296	2.76	2.23	0.303	3.70	2.23	0.303	3.07	2.19	
NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
SRW2507				SRW2508			SRW2509			
Grand Median	0.022			0.009			0.008			
Median Abs Dev	0.020			0.003			0.006			
Avg Within Lab SD	0.008			0.013			0.009			
Labs Included	5			6			5			
Labs Reporting	5			6			5			



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
SRW2507				SRW2508			SRW2509			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	8.72	0.45	0.93	4.40	0.72	1.35	19.74	0.17	2.32	
7R3R2K	9.06	1.23	0.35	4.29	0.36	0.67	19.83	0.31	0.15	
MG4L43	7.91	-1.46	0.45	3.84	-1.11	0.51	18.11	-2.41	0.10	
RUV2UY	8.53	0.00	0.44	4.09	-0.31	0.31	19.40	-0.38	0.65	
W9FBHY	8.28	-0.60	2.31	3.88	-0.99	1.95	19.36	-0.44	0.49	
XWF2EM	8.82	0.68	0.23	4.56	1.24	0.65	20.28	1.02	0.73	
YXQ4ZL	8.40	-0.30	0.46	4.18	0.00	0.39	19.64	0.00	0.61	
Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
SRW2507				SRW2508			SRW2509			
Grand Median	8.53			4.18			19.6			
Median Abs Dev	0.25			0.22			0.2			
Avg Within Lab SD	0.17			0.07			0.4			
Labs Included	7			7			7			
Labs Reporting	7			7			7			



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SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.31	0.25	1.69	0.50	0.61	1.81	2.41	0.41	1.86
6BYXUK	0.29	-1.25	0.64	0.46	-0.53	0.00	2.16	-0.81	0.98
FWK7MU	0.31	0.00	1.92	0.48	0.00	1.57	2.43	0.50	1.24
KGB96Q	0.33	1.50	0.00	0.50	0.53	0.78	2.33	0.00	0.17
KH6YB6	0.31	0.00	0.00	0.50	0.53	0.78	2.34	0.05	0.17
MG4L43	0.30	-0.97	0.19	0.46	-0.42	0.23	2.19	-0.70	0.09
UPAWBU	0.30	-0.75	0.00	0.40	-2.11	0.00	1.87	-2.26	0.99

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW2507	SRW2508	SRW2509
Grand Median	0.31	0.48	2.33
Median Abs Dev	0.01	0.02	0.10
Avg Within Lab SD	0.01	0.01	0.06
Labs Included	7	7	7
Labs Reporting	7	7	7



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Adj-SAR (SubTestCode 310) in the Cations Property Groups

Data units:

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.52		1.69	0.86		0.83	5.44		1.67
KGB96Q	0.62		0.37	0.86		0.26	5.74		0.15
UPAWBU	0.20		0.00	0.33		1.50	2.13		0.42

Adj-SAR (SubTestCode 310) in the Cations Property Groups

Data units:

	SRW2507			SRW2508			SRW2509		
Grand Median	0.52			0.86			5.44		
Median Abs Dev									
Avg Within Lab SD	0.02			0.04			0.14		
Labs Included	3			3			3		
Labs Reporting	3			3			3		



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HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.94	0.00	0.06	1.96	0.54	0.68	2.75	0.19	1.01
7R3R2K	0.65	-2.71	3.46	1.77	-0.98	0.11	2.53	-0.34	0.31
CRHYRA	1.15	2.02	0.00	1.07	-6.40X	0.00	1.39	-3.10	0.00
FWK7MU	1.00	0.64	0.61	2.06	1.29	1.69	2.83	0.38	2.26
KB6FBV	0.93	-0.03	0.29	1.96	0.48	0.79	2.84	0.39	0.86
KGB96Q	0.96	0.22	0.10	1.85	-0.31	0.11	2.68	0.01	0.40
KH6YB6	0.94	0.03	0.10	1.89	0.00	0.30	2.65	-0.05	0.31
MG4L43	0.93	-0.06	0.00	1.88	-0.10	0.00	2.70	0.06	0.00
RUV2UY	0.86	-0.75	0.26	1.77	-0.95	0.64	2.58	-0.23	0.38
UPAWBU	0.80	-1.31	0.00	1.67	-1.75	2.24	2.67	-0.02	2.32
WYREJJ	0.90	-0.36	0.28	1.89	0.00	0.05	2.67	-0.01	0.19
XJE7HF	2.99	19.65X	0.28	2.14	1.91	0.21	3.59	2.20	0.71
XWF2EM	0.97	0.35	0.15	1.94	0.39	1.87	2.72	0.10	0.86
YXQ4ZL	0.97	0.29	0.60	1.90	0.05	0.00	1.70	-2.36	0.00

HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

	SRW2507	SRW2508	SRW2509
Grand Median	0.94	1.89	2.68
Median Abs Dev	0.04	0.06	0.09
Avg Within Lab SD	0.10	0.05	0.05
Labs Included	13	13	14
Labs Reporting	14	14	14



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CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

SRW2507				SRW2508				SRW2509			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score	
CRHYRA	0.003		1.00	0.003		1.00		0.003		0.00	
FWK7MU								0.023		1.41	

CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

SRW2507		SRW2508		SRW2509	
Grand Median	0.003	0.003		0.013	
Median Abs Dev					
Avg Within Lab SD	0.000	0.000		0.011	
Labs Included	1	1		2	
Labs Reporting	1	1		2	



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CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.49	-0.09	0.19	0.20	-0.03	0.90	1.32	-1.07	0.78
43MGP7	0.47	-0.43	2.24	0.20	0.00	0.00	1.37	-0.68	1.36
47NKDL	0.53	0.82	0.25	0.20	0.02	0.07	1.56	1.06	1.06
6BYXUK	0.56	1.30	1.03	0.31	1.92	2.27	1.61	1.48	0.41
7R3R2K	0.48	-0.14	0.10	0.23	0.46	0.09	1.40	-0.35	0.14
CRHYRA	0.20	-5.44 X	0.00	0.14	-1.06	0.00	1.47	0.21	0.00
CTVT8A	0.29	-3.78 X	0.81	0.09	-1.98	1.29	1.27	-1.56	0.68
DJYCVB	0.42	-1.36	0.22	0.27	1.26	0.00	0.99	-3.98 X	0.14
FWK7MU	0.35	-2.66	2.21	0.17	-0.54	1.97	1.05	-3.45 X	3.43
KB6FBV	0.47	-0.35	0.00	0.22	0.32	0.00	1.39	-0.50	0.11
KGB96Q	0.44	-0.93	0.39	0.27	1.20	0.43	1.39	-0.50	0.14
KH6YB6	0.49	0.00	0.00	0.20	0.00	0.74	1.48	0.33	0.47
MG4L43	0.54	0.97	0.00	0.25	0.92	0.00	1.48	0.28	0.00
PRGMDT	0.49	0.00	0.07	0.18	-0.28	0.11	1.44	0.00	0.04
RUV2UY	0.47	-0.30	0.21	0.17	-0.58	0.20	1.43	-0.08	0.28
TXAWAW	0.51	0.32	1.09	0.23	0.62	2.43	1.41	-0.26	1.30
UPAWBU	0.57	1.42	0.22	0.29	1.56	1.14	1.52	0.65	0.49
W9FBHY	0.48	-0.17	1.82	0.16	-0.73	0.53	1.47	0.27	0.10
WYREJJ	0.52	0.59	0.19	0.18	-0.32	0.30	1.40	-0.38	0.27
XWF2EM	0.52	0.64	1.57	0.19	-0.11	0.63	1.72	2.42	2.78
YXQ4ZL	0.51	0.31	0.81	0.19	-0.24	0.86	1.53	0.74	2.17

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2507	SRW2508	SRW2509
Grand Median	0.49	0.20	1.44
Median Abs Dev	0.02	0.03	0.06
Avg Within Lab SD	0.03	0.01	0.04
Labs Included	19	21	19
Labs Reporting	21	21	21



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NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.024	0.31	0.09	0.017	-0.50	0.94	0.046	0.78	1.08
43MGP7	0.010	-0.79	0.00				0.027	-0.65	2.23
6BYXUK	0.010	-0.79	0.00	0.010	-1.12	0.00	0.010	-1.87	0.00
7R3R2K	0.031	0.88	0.63	0.034	1.02	0.66	0.048	0.91	0.88
CRHYRA	0.071	4.08 X	0.00	0.079	4.94 X	0.00	0.086	3.68 X	0.00
CTVT8A	0.030	0.79	0.00	0.030	0.65	0.00	0.040	0.33	0.00
KB6FBV	0.121	8.00 X	0.00	0.111	7.80 X	0.00	0.136	7.37 X	0.00
KH6YB6	0.030	0.79	1.53	0.027	0.35	2.44	0.030	-0.41	0.00
MG4L43	0.014	-0.51	0.01	0.009	-1.22	0.06	0.036	0.00	0.06
PRGMDT	0.018	-0.16	0.15	0.024	0.09	0.24	0.039	0.26	0.00
QM2CZP	0.003	-1.35	0.01	0.006	-1.47	0.03	0.008	-2.00	0.03
RUV2UY	0.010	-0.79	0.47	0.010	-1.08	1.42	0.026	-0.67	2.45
UPAWBU	0.013	-0.58	0.23				0.030	-0.41	0.39
W9FBHY	0.038	1.39	3.36	0.023	0.00	1.36	0.037	0.13	0.27
WYREJJ	0.025	0.37	0.78	0.024	0.09	0.24	0.029	-0.50	1.11
XJE7HF									
XWF2EM	0.028	0.61	0.28	0.033	0.95	1.32	0.048	0.89	0.78
YXQ4ZL	0.020	0.00	0.00	0.020	-0.24	0.00	0.040	0.33	0.00

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2507	SRW2508	SRW2509
Grand Median	0.020	0.023	0.036
Median Abs Dev	0.010	0.007	0.007
Avg Within Lab SD	0.007	0.002	0.003
Labs Included	15	13	15
Labs Reporting	17	15	17



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SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	6.80	-0.11	0.85	1.90	-0.11	0.81	14.63	0.00	1.17
47NKDL	6.74	-0.22	0.17	1.92	0.00	0.08	13.87	-0.65	0.06
6BYXUK	6.17	-1.20	0.17	1.60	-1.80	0.60	12.75	-1.59	0.42
7R3R2K	7.66	1.39	0.34	2.08	0.93	0.12	15.73	0.93	0.06
CRHYRA	6.00	-1.49		1.63	-1.67		13.06	-1.32	
CTVT8A	7.07	0.36	1.00	1.96	0.23	1.12	15.10	0.39	0.98
KB6FBV	6.82	-0.08	3.51	1.91	-0.08	3.32	14.22	-0.35	3.03
KGB96Q	6.94	0.14	0.02	2.10	1.02	0.08	15.55	0.77	0.02
KH6YB6	6.77	-0.16	0.28	1.83	-0.51	0.16	14.55	-0.07	0.27
MG4L43	6.55	-0.54	0.14	1.80	-0.67	0.04	14.47	-0.14	0.06
RUV2UY	6.68	-0.32	0.34	1.83	-0.50	0.30	14.58	-0.05	0.23
TXAWAW	7.65	1.36	0.44	2.48	3.17X	0.00	24.28	8.14X	0.20
UPAWBU	6.91	0.08	0.12	1.94	0.09	0.41	15.25	0.52	0.24
W9FBHY	7.86	1.73	0.17	2.20	1.59	0.43	16.72	1.76	0.55
XWF2EM	7.36	0.86	0.41	2.01	0.52	0.24	15.42	0.66	1.32
YXQ4ZL	7.31	0.78	0.41	1.99	0.40	0.37	15.72	0.92	0.27

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW2507	SRW2508	SRW2509
Grand Median	6.86	1.92	14.6
Median Abs Dev	0.26	0.09	0.8
Avg Within Lab SD	0.41	0.12	0.9
Labs Included	16	15	15
Labs Reporting	16	16	16



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
SRW2507				SRW2508			SRW2509			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
43MGP7	8.21	-0.86	1.43	4.06	-0.10	0.76	18.78	0.00	1.74	
7R3R2K	9.02	0.31	0.49	4.11	0.26	0.12	19.73	1.72	0.09	
MG4L43	8.04	-1.13	0.19	3.94	-1.06	0.05	18.68	-0.18	0.08	
RUV2UY	8.02	-1.15	0.44	3.78	-2.30	0.21	18.62	-0.30	0.30	
W9FBHY	9.59	1.16	1.82	4.08	0.00	2.28	18.70	-0.15	0.39	
XWF2EM	8.88	0.11	0.74	4.18	0.84	0.86	19.90	2.01	1.89	
YXQ4ZL	8.80	0.00	0.80	4.10	0.16	0.66	18.99	0.37	0.36	
Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
SRW2507				SRW2508			SRW2509			
Grand Median	8.80			4.08			18.8			
Median Abs Dev	0.59			0.03			0.2			
Avg Within Lab SD	0.29			0.09			0.7			
Labs Included	7			7			7			
Labs Reporting	7			7			7			



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

Data units:

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.51	0.77	1.67	0.34	0.33	0.64	0.96	0.73	1.95
7R3R2K	0.09	0.12	0.23	0.18	-0.22	1.06	0.14	-0.62	0.03
MG4L43	-0.13	-0.22	0.15	-0.10	-1.22	0.60	-0.58	-1.81	0.03
RUV2UY	0.51	0.77	0.37	0.30	0.22	0.40	0.78	0.43	0.21
W9FBHY	-1.32	-2.06	0.92	-0.20	-1.57	1.29	0.66	0.23	0.15
XWF2EM	-0.06	-0.12	1.47	0.38	0.48	1.51	0.38	-0.23	1.45

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

Data units:

	SRW2507	SRW2508	SRW2509
Grand Median	0.014	0.24	0.52
Median Abs Dev	0.318	0.11	0.32
Avg Within Lab SD	0.158	0.05	1.06
Labs Included	6	6	6
Labs Reporting	6	6	6



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.026	1.17	1.85	0.043	0.17	0.36	0.204	0.34	0.89
43MGP7	0.025	1.00	1.22	0.050	0.58	0.67	0.213	0.91	0.36
6BYXUK	0.020	0.40	0.00	0.090	2.96	1.78	0.197	-0.11	0.96
7R3R2K				0.024	-0.98	0.04	0.175	-1.41	0.10
CTVT8A	0.020	0.40	1.73	0.044	0.23	1.01	0.175	-1.43	2.46
MG4L43	0.011	-0.68	0.00	0.040	0.01	0.04	0.200	0.11	0.04
PRGMDT	0.008	-1.00	0.20	0.038	-0.13	0.00	0.195	-0.21	0.73
RUV2UY	0.010	-0.80	0.00	0.040	-0.01	0.00	0.207	0.50	0.36
UPAWBU	0.017	0.00	1.00	0.037	-0.21	0.39	0.177	-1.33	0.73
WYREJJ	0.012	-0.60	0.26	0.039	-0.05	0.04	0.210	0.68	0.10
XJE7HF	0.050	4.02 X	6.98	0.080	2.35	2.65	0.210	0.72	1.69
XWF2EM				0.033	-0.41	0.18	0.193	-0.34	0.19

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2507	SRW2508	SRW2509
Grand Median	0.017	0.040	0.20
Median Abs Dev	0.006	0.004	0.01
Avg Within Lab SD	0.006	0.015	0.02
Labs Included	9	12	12
Labs Reporting	10	12	12



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

Data units: mg/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
247L9D	0.186		1.41	0.120		1.72	0.090		1.24
QM2CZP				0.020		0.16	0.005		0.04
RUV2UY	0.010		0.00	0.030		0.00	0.017		1.20

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

Data units: mg/L

	SRW2507			SRW2508			SRW2509		
Grand Median	0.10			0.030			0.017		
Median Abs Dev									
Avg Within Lab SD	0.01			0.003			0.005		
Labs Included	2			3			3		
Labs Reporting	2			3			3		



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

Data units: mg/L

WebCode	SRW2507			SRW2508			SRW2509		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43MGP7	0.020	2.09	1.76	0.073	0.90	1.04	0.065	1.01	2.26
MG4L43	0.005	0.00	0.00	0.033	-0.79	0.54	0.017	-0.14	0.46
PRGMDT	0.005	0.00	0.00	0.046	-0.26	0.14	0.020	-0.07	0.20
W9FBHY	0.090	11.84 X	2.49	0.097	1.87	1.72	0.140	2.80	0.46
WYREJJ	0.003	-0.28	0.12	0.055	0.12	0.14	0.023	0.01	0.17
XJE7HF	0.012	1.00	1.37	0.049	-0.12	1.27	0.022	-0.01	0.62

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

Data units: mg/L

	SRW2507	SRW2508	SRW2509
Grand Median	0.005	0.052	0.023
Median Abs Dev	0.002	0.013	0.004
Avg Within Lab SD	0.008	0.015	0.022
Labs Included	5	6	6
Labs Reporting	6	6	6



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Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups

Data units: mg/L

SRW2507				SRW2508				SRW2509			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score	
RUV2UY	0.46		1.00	0.65		1.00		0.74		1.00	

Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups

Data units: mg/L

SRW2507		SRW2508		SRW2509	
Grand Median	0.46	0.65		0.74	
Median Abs Dev					
Avg Within Lab SD	0.12	0.03		0.03	
Labs Included	1	1		1	
Labs Reporting	1	1		1	



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

Data units: mg/L

SRW2507				SRW2508				SRW2509			
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		Sample Mean	Z Score	k Score	
RUV2UY	1.73		1.00	4.80		1.00		3.70		1.00	

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

Data units: mg/L

SRW2507				SRW2508				SRW2509			
Grand Median	1.73			4.80				3.70			
Median Abs Dev											
Avg Within Lab SD	0.12			0.17				0.17			
Labs Included	1			1				1			
Labs Reporting	1			1				1			



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Moisture Content														Data units: %
High Carbon							Low Carbon							
WebCode	<u>Sample CA01</u>			<u>Sample CA02</u>			WebCode	<u>Sample CB01</u>			<u>Sample CB02</u>			
	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV		Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	
4JCNKH	5.49	1.79	1.11	5.60	1.80	1.11	4JCNKH	3.34	1.34	1.20	4.80	1.50	1.18	
7R3R2K	1.97	-1.73	-1.08	2.07	-1.73	-1.06	7R3R2K	1.03	-0.97	-0.86	2.07	-1.23	-0.97	
JYTTM4	4.56	0.86	0.53	4.69	0.90	0.55	JYTTM4	2.50	0.50	0.45	3.90	0.60	0.47	
KGB96Q	2.79	-0.92	-0.57	2.82	-0.98	-0.60	KGB96Q	1.12	-0.88	-0.79	2.43	-0.87	-0.68	
High Carbon							Low Carbon							Data units: %
Moisture Content (SubTestCode 8501)							Moisture Content (SubTestCode 8502)							
<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>				
Grand Mean		3.70		3.79		2.00		3.30						
Avg Within Lab SD		0.01		0.01		0.01		0.02						
Avg Between Lab SD		1.61		1.63		1.12		1.28						
Statistics based on 4 of 4 reporting participants							Statistics based on 4 of 4 reporting participants							

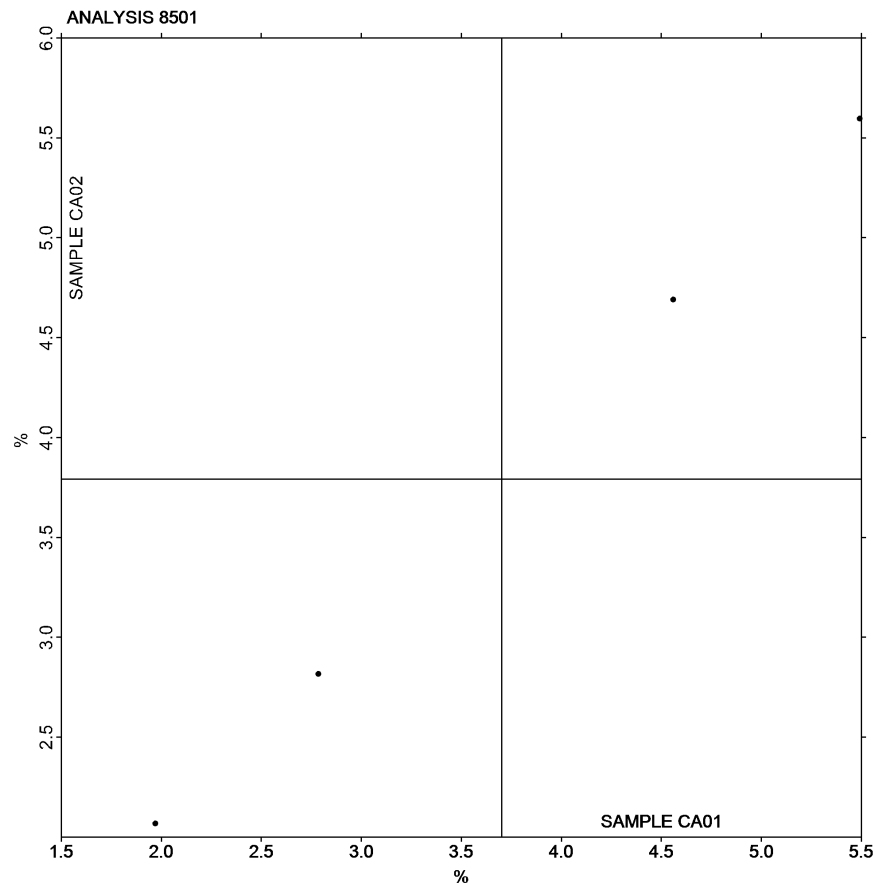


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High Carbon

Moisture Content (SubTestCode 8501)

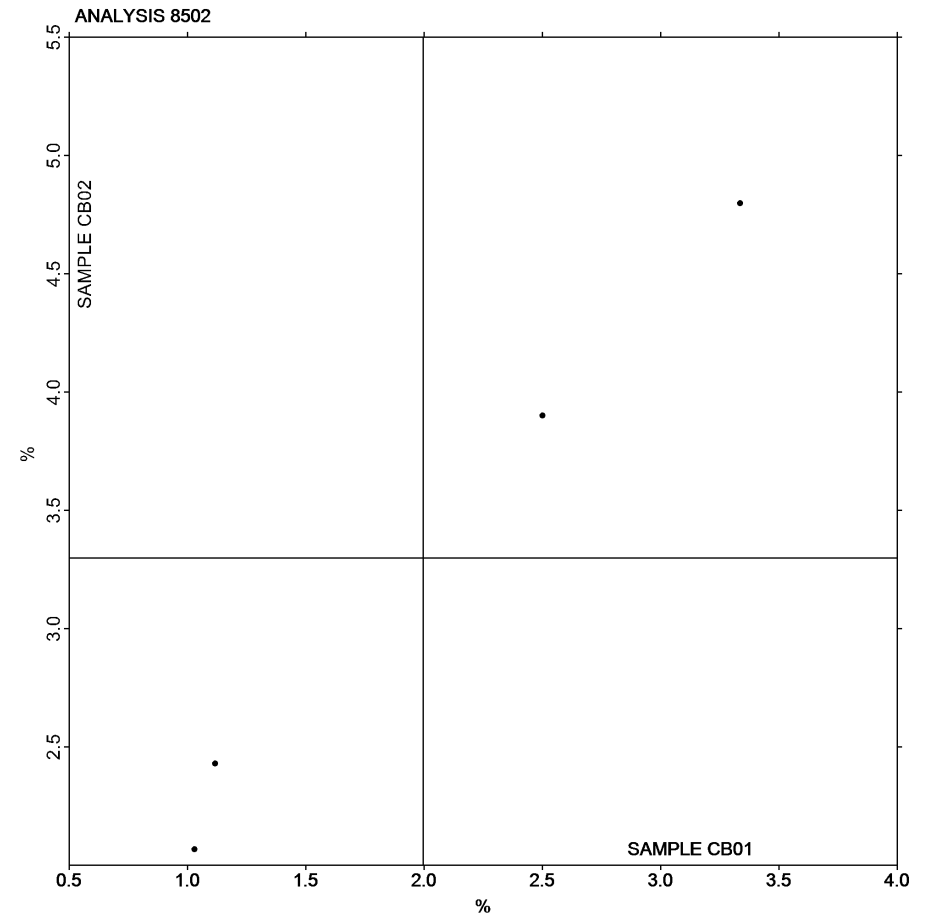
Grand Mean Sample CA01: 3.70 %
Grand Mean Sample CA02: 3.79 %



Low Carbon

Moisture Content (SubTestCode 8502)

Grand Mean Sample CB01: 2.00 %
Grand Mean Sample CB02: 3.30 %



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.



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Dry Matter Content							Data units: %						
High Carbon							Low Carbon						
<u>Sample CA01</u>			<u>Sample CA02</u>			WebCode	<u>Sample CB01</u>			<u>Sample CB02</u>			
Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV		Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	
4JCNKH	94.5	-1.8	-1.11	94.4	-1.8	-1.11	4JCNKH	96.7	-1.3	-1.20	95.2	-1.5	-1.18
7R3R2K	98.0	1.7	1.08	97.9	1.7	1.06	7R3R2K	99.0	1.0	0.86	97.9	1.2	0.97
JYTTM4	95.4	-0.9	-0.53	95.3	-0.9	-0.55	JYTTM4	97.5	-0.5	-0.45	96.1	-0.6	-0.47
KGB96Q	97.2	0.9	0.57	97.2	1.0	0.60	KGB96Q	98.9	0.9	0.79	97.6	0.9	0.68
High Carbon							Low Carbon						
Dry Matter Content (SubTestCode 8511)							Dry Matter Content (SubTestCode 8512)						
<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>			
Grand Mean			Grand Mean				Grand Mean			Grand Mean			
96.3			96.2				98.0			96.7			
Avg Within Lab SD	0.0		0.0				0.0			0.0			
Avg Between Lab SD	1.6		1.6				1.1			1.3			
Statistics based on 4 of 4 reporting participants							Statistics based on 4 of 4 reporting participants						

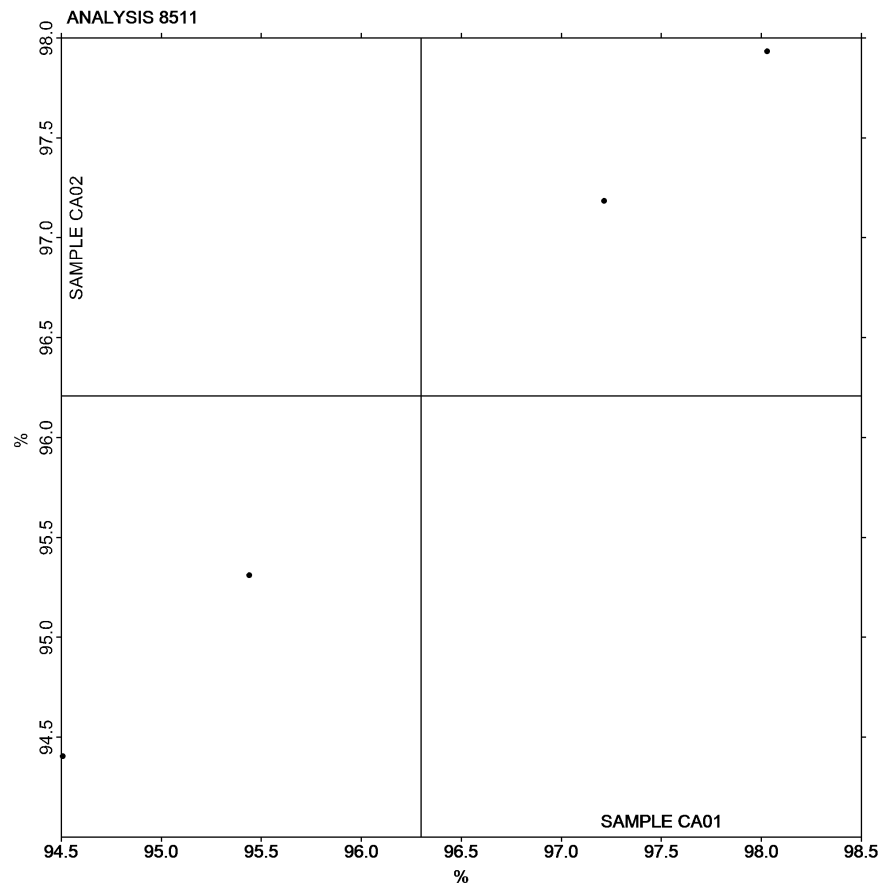


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High Carbon

Dry Matter Content (SubTestCode 8511)

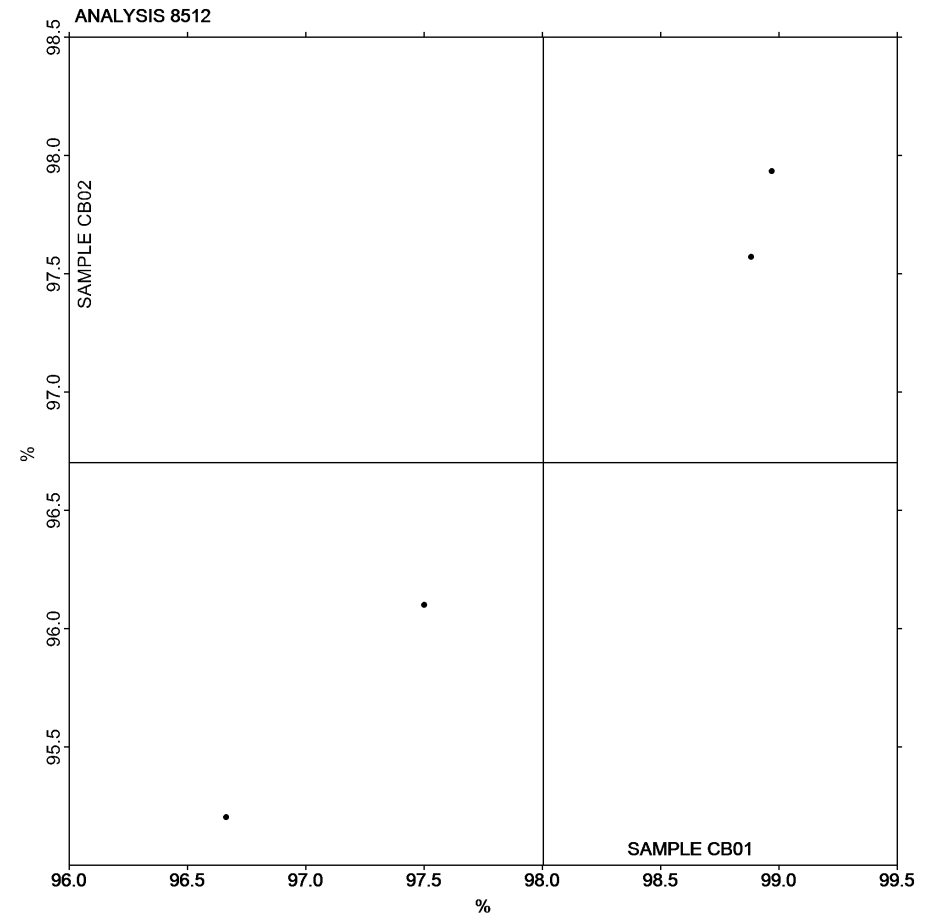
Grand Mean Sample CA01: 96.30 %
Grand Mean Sample CA02: 96.21 %



Low Carbon

Dry Matter Content (SubTestCode 8512)

Grand Mean Sample CB01: 98.00 %
Grand Mean Sample CB02: 96.70 %



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.



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Total Carbon (TC)														Data units: %	
WebCode	High Carbon						WebCode	Low Carbon							
	<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>				
	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV		Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV		
4JCNKH	2.60	0.12	0.63	2.79	0.13	0.68	4JCNKH	1.30	0.09	1.51	1.43	0.06	0.93		
7R3R2K	2.35	-0.13	-0.67	2.53	-0.14	-0.74	7R3R2K	1.25	0.04	0.72	1.37	0.00	0.02		
DULEE7	2.14	-0.34	-1.81	2.31	-0.36	-1.89	DULEE7	1.16	-0.05	-0.83	1.27	-0.10	-1.50		
JYTTM4	2.66	0.18	0.95	2.84	0.17	0.91	JYTTM4	1.26	0.05	0.83	1.47	0.10	1.54		
KGB96Q	2.67	0.19	0.99	2.79	0.13	0.68	KGB96Q	1.15	-0.06	-1.08	1.36	-0.01	-0.14		
RUV2UY	2.49	0.01	0.03	2.67	0.00	0.02	RUV2UY	1.18	-0.03	-0.49	1.36	-0.01	-0.17		
WNRNZW	2.46	-0.02	-0.13	2.73	0.07	0.35	WNRNZW	1.17	-0.04	-0.66	1.32	-0.04	-0.68		
High Carbon							Low Carbon							Data units: %	
Total Carbon (TC) (SubTestCode 8521)							Total Carbon (TC) (SubTestCode 8522)								
<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>					
Grand Mean			2.48				1.21			1.37					
Avg Within Lab SD			0.04				0.03			0.02					
Avg Between Lab SD			0.19				0.06			0.07					

Statistics based on 7 of 7 reporting participants

Statistics based on 7 of 7 reporting participants



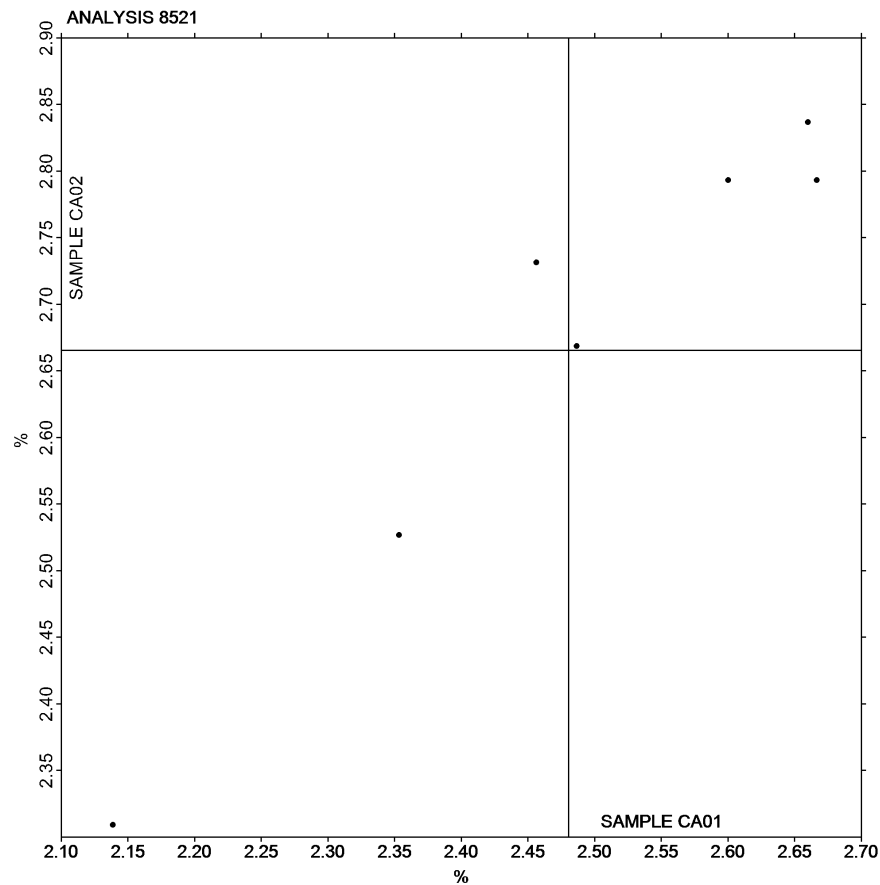
ALP Program - Participant Web Summary Report - Cycle 58 - Fall 2025

High Carbon

Total Carbon (TC) (SubTestCode 8521)

Grand Mean Sample CA01: 2.48 %

Grand Mean Sample CA02: 2.67 %

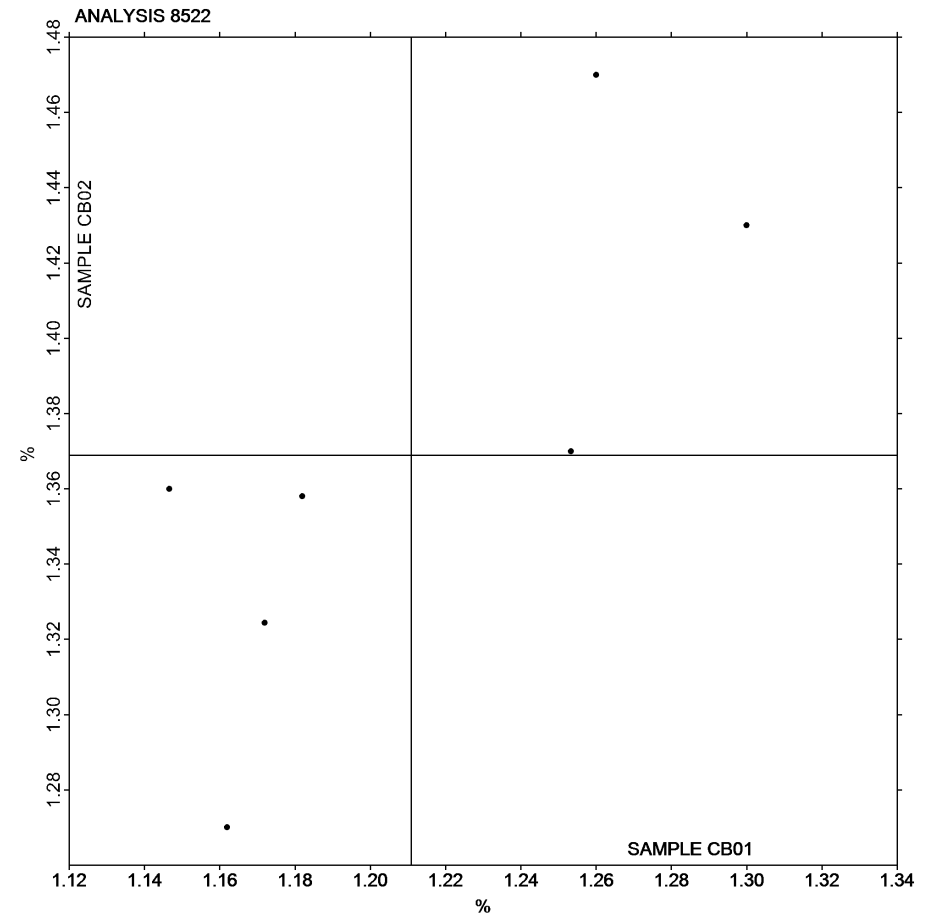


Low Carbon

Total Carbon (TC) (SubTestCode 8522)

Grand Mean Sample CB01: 1.21 %

Grand Mean Sample CB02: 1.37 %



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.



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Organic Carbon (OC): acid pre-trt							Data units: %						
High Carbon							Low Carbon						
<u>Sample CA01</u>			<u>Sample CA02</u>			WebCode	<u>Sample CB01</u>			<u>Sample CB02</u>			
Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV		Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	
4JCNKH	1.78	-0.41	-1.48	2.55	0.02	0.16	4JCNKH	1.23	0.07	1.14	1.33	0.00	-0.16
DULEE7	2.29	0.09	0.34	2.36	-0.17	-1.45	DULEE7	1.18	0.02	0.30	1.32	-0.01	-1.33
JYTTM4	2.38	0.19	0.69	2.62	0.09	0.80	JYTTM4	1.15	-0.01	-0.20	1.33	0.01	0.57
KGB96Q	2.32	0.13	0.45	2.58	0.06	0.48	KGB96Q	1.09	-0.07	-1.25	1.34	0.01	0.93
High Carbon							Low Carbon						
Organic Carbon (OC): acid pre-trt (SubTestCode 8531)							Organic Carbon (OC): acid pre-trt (SubTestCode 8532)						
<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>			
Grand Mean													
2.19				2.53			1.16				1.33		
Avg Within Lab SD	0.08			0.04			0.05				0.03		
Avg Between Lab SD	0.28			0.11			0.06				0.01		
Statistics based on 4 of 4 reporting participants							Statistics based on 4 of 4 reporting participants						



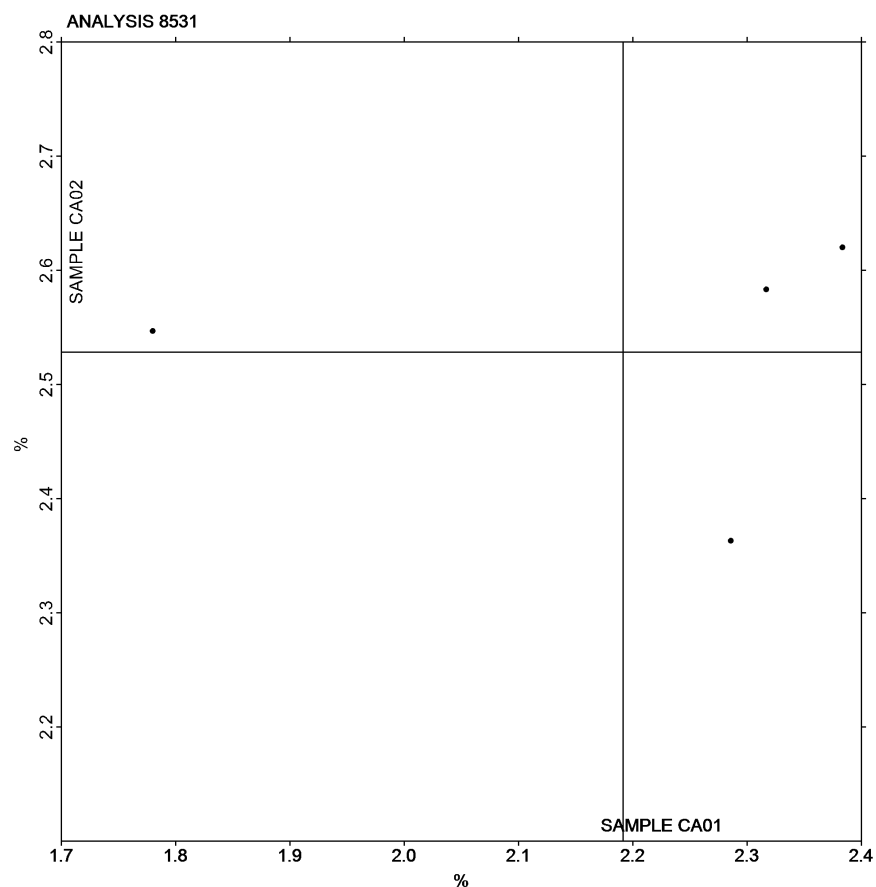
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High Carbon

Organic Carbon (OC): acid pre-trt (SubTestCode 8531)

Grand Mean Sample CA01: 2.19 %

Grand Mean Sample CA02: 2.53 %

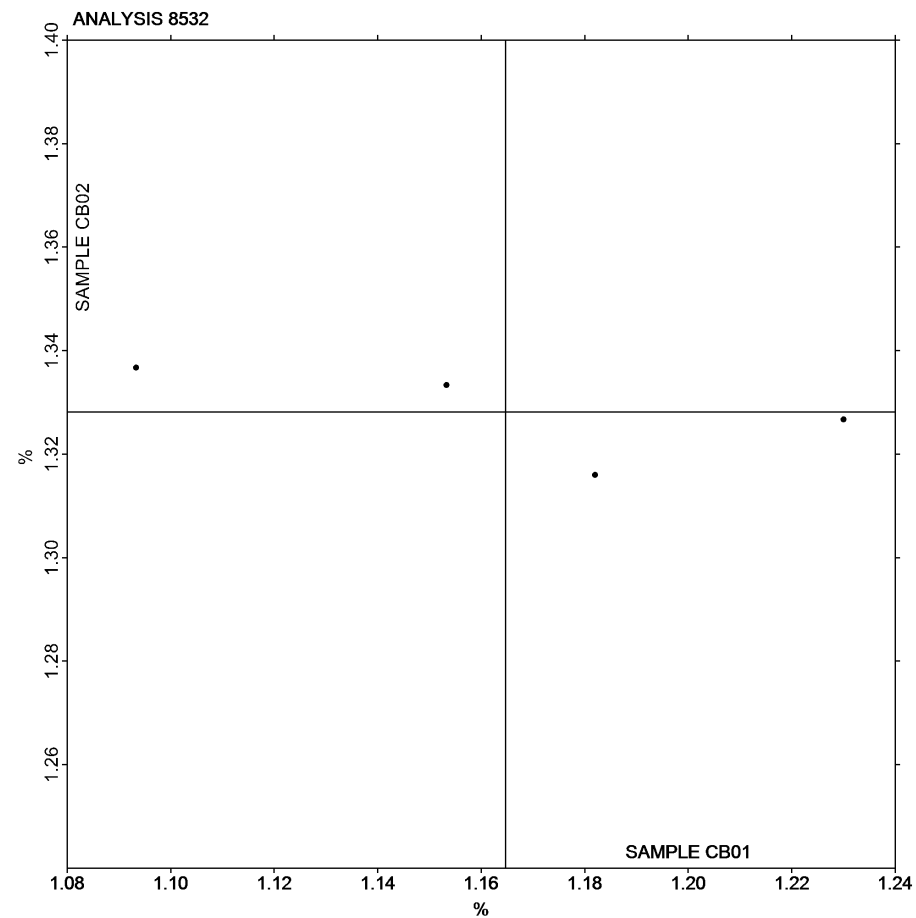


Low Carbon

Organic Carbon (OC): acid pre-trt (SubTestCode 8532)

Grand Mean Sample CB01: 1.16 %

Grand Mean Sample CB02: 1.33 %



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.



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Organic Carbon (OC) Estimate: TC-IC											Data units: %			
High Carbon							Low Carbon							
	<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>			
WebCode	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	WebCode	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	
RUV2UY	2.48			2.58			RUV2UY	1.17			1.35			
WNRNZW	1.97			2.20			WNRNZW	0.93			1.00			
High Carbon							Low Carbon							Data units: %
Organic Carbon (OC) Estimate: TC-IC (SubTestCode 8533)							Organic Carbon (OC) Estimate: TC-IC (SubTestCode 8534)							
	<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>			
Grand Mean			2.23			2.39				1.05			1.18	
Avg Within Lab SD			0.04			0.08				0.02			0.03	
Avg Between Lab SD														
Statistics based on 2 of 2 reporting participants							Statistics based on 2 of 2 reporting participants							



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High Carbon

Organic Carbon (OC) Estimate: TC-IC (SubTestCode 8533)

Low Carbon

Organic Carbon (OC) Estimate: TC-IC (SubTestCode 8534)

No graph is available due to the low population of participants reporting numeric data.

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Inorganic Carbon (IC) Est: TC-IC, acid pre-trt							Data units: %						
High Carbon							Low Carbon						
<u>Sample CA01</u>			<u>Sample CA02</u>			WebCode	<u>Sample CB01</u>			<u>Sample CB02</u>			
Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV		Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	
4JCNKH	0.82	0.34	1.15	0.247	0.022	1.14	4JCNKH	0.070	-0.007	-0.24	0.103	0.016	0.27
DULEE7							DULEE7	0.022	-0.055	-2.00			
JYTTM4	0.28	-0.21	-0.70	0.217	-0.008	-0.40	JYTTM4	0.107	0.030	1.10	0.137	0.049	0.84
KGB96Q	0.35	-0.13	-0.45	0.210	-0.014	-0.74	KGB96Q	0.053	-0.023	-0.86	0.023	-0.064	-1.11
High Carbon							Low Carbon						
Inorganic Carbon (IC) Est: TC-IC, acid pre-trt (SubTestCode 8535)							Inorganic Carbon (IC) Est: TC-IC, acid pre-trt (SubTestCode 8536)						
<u>Sample CA01</u>			<u>Sample CA02</u>				<u>Sample CB01</u>			<u>Sample CB02</u>			
Grand Mean													
	0.48			0.22				0.08			0.09		
Avg Within Lab SD	0.06			0.04				0.04			0.04		
Avg Between Lab SD	0.29			0.02				0.03			0.06		
Statistics based on 3 of 3 reporting participants							Statistics based on 3 of 4 reporting participants						



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High Carbon

Inorganic Carbon (IC) Est: TC-IC, acid pre-trt (SubTestCode 8535)

Low Carbon

Inorganic Carbon (IC) Est: TC-IC, acid pre-trt (SubTestCode 8536)

No graph is available due to the low population of participants reporting numeric data.

No graph is available due to the low population of participants reporting numeric data.

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High Carbon

Inorganic Carbon (IC): Calcimetry (SubTestCode 8537)

Low Carbon

Inorganic Carbon (IC): Calcimetry (SubTestCode 8538)

No graph is available due to the low population of participants reporting numeric data.

No graph is available due to the low population of participants reporting numeric data.



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Total Nitrogen (TN)														Data units: %													
High Carbon							Low Carbon																				
	Sample CA01				Sample CA02				Sample CB01				Sample CB02														
WebCode	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	WebCode	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV														
4JCNKH	0.23	0.02	0.68	0.24	0.01	0.45	4JCNKH	0.12	0.00	-0.44	0.14	-0.01	-0.40														
7R3R2K	0.17	-0.04	-1.36	0.19	-0.04	-1.27	7R3R2K	0.12	0.00	-0.16	0.13	-0.02	-0.65														
DULEE7	0.18	-0.02	-0.78	0.20	-0.03	-0.85	DULEE7	0.11	-0.01	-1.14	0.13	-0.02	-0.86														
JYTTM4	0.23	0.02	0.68	0.25	0.02	0.65	JYTTM4	0.13	0.00	0.18	0.16	0.01	0.31														
RUV2UY	0.23	0.02	0.79	0.26	0.03	1.02	RUV2UY	0.14	0.02	1.56	0.19	0.04	1.61														
High Carbon							Low Carbon							Data units: %													
Total Nitrogen (TN) (SubTestCode 8541)							Total Nitrogen (TN) (SubTestCode 8542)																				
Sample CA01							Sample CA02							Sample CB01							Sample CB02						
Grand Mean		0.21					0.23					0.12		0.15													
Avg Within Lab SD		0.02					0.01					0.01		0.01													
Avg Between Lab SD		0.03					0.03					0.01		0.02													
Statistics based on 5 of 5 reporting participants							Statistics based on 5 of 5 reporting participants																				

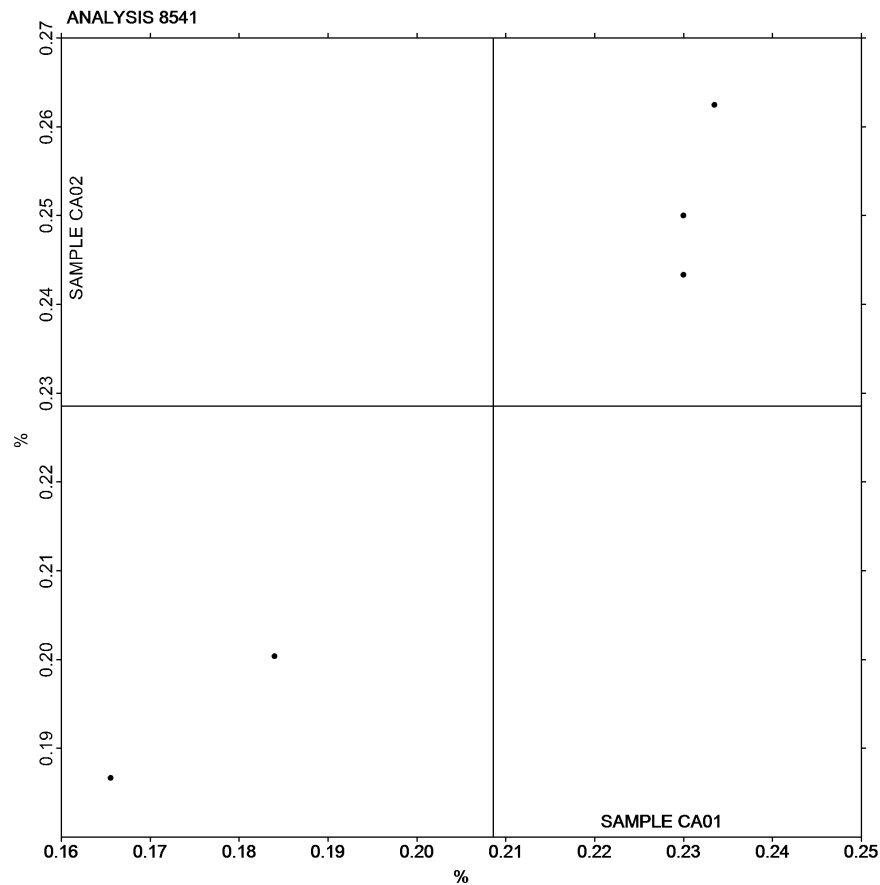


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High Carbon

Total Nitrogen (TN) (SubTestCode 8541)

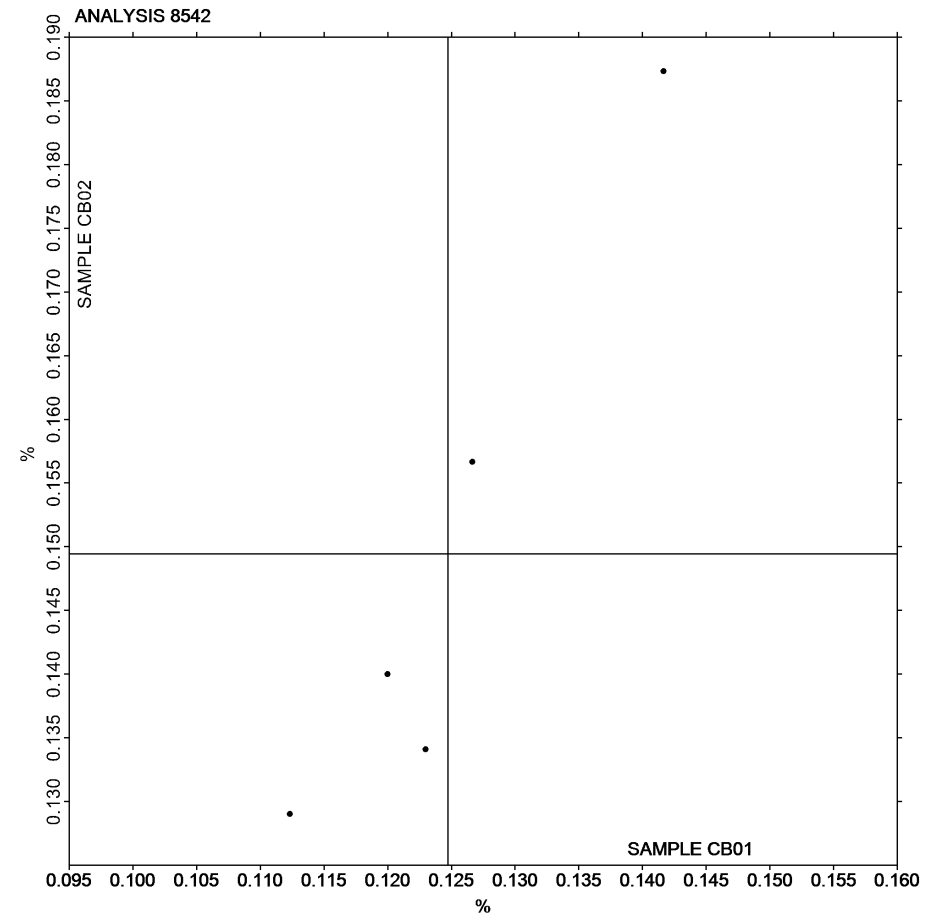
Grand Mean Sample CA01: 0.21 %
Grand Mean Sample CA02: 0.23 %



Low Carbon

Total Nitrogen (TN) (SubTestCode 8542)

Grand Mean Sample CB01: 0.12 %
Grand Mean Sample CB02: 0.15 %



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.



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pH (1:1) H2O														Data units: Unit															
WebCode	High Carbon						Low Carbon																						
	<u>Sample CA01</u>			<u>Sample CA02</u>			<u>Sample CB01</u>			<u>Sample CB02</u>																			
	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV	Sample Mean	Diff from Grand Mean	CPV																	
4JCNKH	5.75	0.03	0.37	4.16	-1.27	-1.14	4JCNKH	7.34	-0.11	-0.90	6.40	-0.14	-0.94																
KGB96Q	5.78	0.06	0.76	5.90	0.47	0.42	KGB96Q	7.59	0.14	1.08	6.52	-0.02	-0.11																
RUV2UY	5.63	-0.09	-1.13	6.23	0.80	0.72	RUV2UY	7.43	-0.02	-0.18	6.70	0.16	1.05																
High Carbon														Low Carbon	Data units: Unit														
pH (1:1) H2O (SubTestCode 8551)														pH (1:1) H2O (SubTestCode 8552)															
<u>Sample CA01</u>						<u>Sample CA02</u>						<u>Sample CB01</u>						<u>Sample CB02</u>											
Grand Mean						5.72						5.43						7.46						6.54					
Avg Within Lab SD						0.11						1.63						0.05						0.18					
Avg Between Lab SD						0.08						1.11						0.13						0.15					
Statistics based on 3 of 3 reporting participants														Statistics based on 3 of 3 reporting participants															



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High Carbon

pH (1:1) H2O (SubTestCode 8551)

Low Carbon

pH (1:1) H2O (SubTestCode 8552)

No graph is available due to the low population of participants reporting numeric data.

No graph is available due to the low population of participants reporting numeric data.



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ph (1:1) 0.01 M CaCl2							Data units: Unit								
High Carbon							Low Carbon								
<u>Sample CA01</u>							<u>Sample CA02</u>								
<u>Sample CA01</u>							<u>Sample CA02</u>								
Sample	Diff from			Sample	Diff from		Sample	Diff from			Sample	Diff from			
WebCode	Mean	Grand Mean	CPV	WebCode	Mean	Grand Mean	CPV	WebCode	Mean	Grand Mean	CPV	WebCode	Mean	Grand Mean	CPV
RUV2UY	5.40			5.47				RUV2UY	6.90			6.27			
High Carbon							Low Carbon							Data units: Unit	
ph (1:1) 0.01 M CaCl2 (SubTestCode 8561)							ph (1:1) 0.01 M CaCl2 (SubTestCode 8562)								
<u>Sample CA01</u>							<u>Sample CA02</u>								
<u>Sample CA01</u>							<u>Sample CA02</u>								
Grand Mean							5.40							5.47	
Avg Within Lab SD							0.00							0.06	
Avg Between Lab SD															
Statistics based on 1 of 1 reporting participants							Statistics based on 1 of 1 reporting participants								



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High Carbon

ph (1:1) 0.01 M CaCl₂ (SubTestCode 8561)

Low Carbon

ph (1:1) 0.01 M CaCl₂ (SubTestCode 8562)

No graph is available due to the low population of participants reporting numeric data.

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