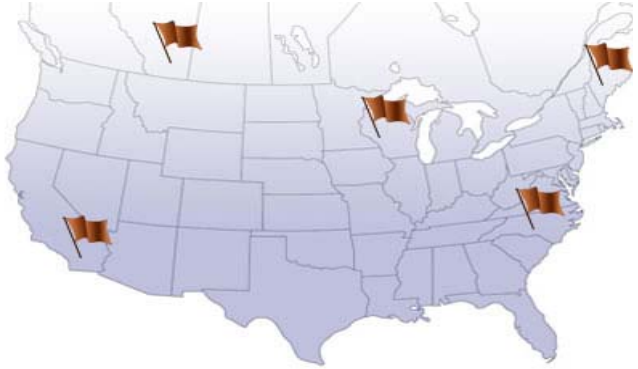
ALP Round 42
Summer 2020

ALP Program

Participant Web Summary Report

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

ALP Program - Summer 2020 Round Overview



The Agriculture Laboratory Proficiency (ALP) Program Summer 2020 (Cycle 42) was completed in July and August 2020, with participation by 98 labs from the United States, Canada, Guatemala, South Africa, Italy, Ukraine, Romania and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are base on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry Canada.

Standard Reference Soils (SRS), materials used for the soils program were: SRS2006 a Marshall silty clay loam collected from Brown Cty, KS; SRS2007 a silty clay loam collected from Three Bridges, Ontario, CANADA; SRS2008 an Adrian muck collected from Porter Cty, IN; SRS2009 a Pulaski fine sandy loam collected near Payne Cty, OK; and SRS2010 a Newdale silt loam collected from Power Cty, ID. Standard Reference Botanical (SRB) materials were: SRB2005 arugula leaf composite from AZ; SRB2006 walnut leaf composite from CA; SRB2007 soybean leaf from AR and SRB2008 grass hay from NE. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW2004 a stream in IA, SRW2005 a well source in MN, and SRW2006 a canal in CO.

Laboratory Results were compiled and analyzed for each interlaboratory material and property. All analyses in the ALP Program are based on consensus and comparative statistics. Although the analysis techniques chosen to provide a robust evaluation, small group statistics are less relaible than large group statistics. No comparative results are provided for analyses with fewer than 4 reported results.

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Discussion of Statistics in ALP Reports

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

Laboratory Statistics:

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

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

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

Consensus Statistics:

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

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

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

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Discussion of Statistics in ALP Reports

Performance Statistics:

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

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

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

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

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.

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

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

Key to Data Tables

Laboratory Results

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded)
k Score	laboratory standard deviation divided by the Within Lab Average STD

Consensus Results

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

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

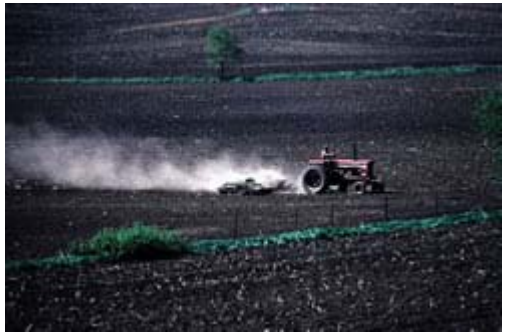
Choosing the Statistics Used

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

Why did we decide this?

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

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



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

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**41.5**	-1.04	0.18	**38.1**	-1.58	0.22	**63.6**	-0.74	0.18	**26.7**	-0.64	0.11	**27.4**	-0.87	0.06
6BH4CM	**46.9**	-0.35	0.50	**46.6**	-0.49	1.36	**64.2**	-0.68	2.05	**28.6**	-0.17	1.29	**28.5**	-0.62	0.85
AV4QLN	**42.3**	-0.94	0.19	**47.3**	-0.39	0.36	**65.0**	-0.59		**28.0**	-0.32		**30.0**	-0.28	
C26KVA	**32.5**	-2.20	0.38	**32.2**	-2.33	0.50	**44.4**	-2.67X	0.18	**22.8**	-1.58	0.17	**23.0**	-1.88	0.00
EAAD38	**49.7**	0.00	0.49	**49.3**	-0.14	0.96	**66.3**	-0.46	1.08	**31.3**	0.48	0.38	**33.3**	0.48	0.28
JM4JX2	**45.4**	-0.55	1.11	**43.3**	-0.91	0.62	**66.1**	-0.49	0.45	**27.1**	-0.55	1.33	**30.1**	-0.27	1.49
KL9ZUE	**53.4**	0.48	1.65	**56.5**	0.78	0.56	**80.2**	0.94	0.20	**36.0**	1.59	2.18	**36.7**	1.23	1.78
LME3V4	**52.6**	0.38	3.39	**50.4**	0.00	2.41	**67.6**	-0.33	1.91	**34.6**	1.27	1.15	**34.4**	0.72	2.75
MKM4G6	**49.3**	-0.04	0.68	**50.4**	0.00	1.90	**75.8**	0.50	0.34	**37.4**	1.93	1.93	**36.5**	1.19	1.06
MQVLGJ	**56.0**	0.81		**53.0**	0.33		**79.0**	0.83		**28.0**	-0.32		**31.0**	-0.05	
MRLNKL	**55.7**	0.77		**55.6**	0.66		**83.7**	1.30		**31.5**	0.52		**35.4**	0.95	
QDCD62	**44.3**	-0.68	0.19	**40.7**	-1.25	0.36	**66.3**	-0.46	0.41	**29.0**	-0.08		**28.7**	-0.58	0.28
TEXUBE	**53.8**	0.52	0.18	**52.3**	0.24	0.90	**76.2**	0.54	0.54	**31.3**	0.47	0.26	**33.6**	0.54	0.98
TRJ9EE	**50.5**	0.11	0.16	**50.6**	0.02	0.23	**80.9**	1.01	0.23	**28.4**	-0.23	0.44	**31.2**	0.00	0.12
TVHKBE	**44.3**	-0.68	0.19	**47.3**	-0.39	0.36	**70.0**	-0.09	0.71	**29.3**	0.00	0.38	**30.7**	-0.13	0.28
U8C2ZF	**51.0**	0.17		**55.7**	0.67	0.96	**65.7**	-0.53	1.08	**32.0**	0.64		**33.0**	0.40	0.49
UX4Q7V	**39.5**	-1.30		**44.7**	-0.73		**71.7**	0.09		**24.0**	-1.27		**25.2**	-1.37	
VZC2ZD	**57.8**	1.05	0.32	**60.2**	1.25	0.76	**88.3**	1.76	0.91	**32.6**	0.78	0.57	**36.2**	1.12	0.46
WL9YXV	**43.6**	-0.77	0.04	**39.8**	-1.36	0.61	**68.3**	-0.26	1.39	**27.5**	-0.44	0.03	**26.8**	-1.01	0.30
Z9RD3R	**54.2**	0.58	0.32	**52.8**	0.30	1.11	**81.5**	1.07	0.41	**30.8**	0.36	0.65	**31.2**	0.00	0.56
ZC9XP8	**55.3**	0.73	0.15	**53.1**	0.34	0.69	**79.1**	0.84	1.24	**31.5**	0.51	0.64	**33.3**	0.48	0.35

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	49.7	50.4	70.9	29.3	31.2
Median Abs Dev	5.3	3.9	5.6	2.1	2.6
Avg Within Lab SD	3.1	1.6	1.4	1.5	2.0
Labs Included	21	21	20	21	21
Labs Reporting	21	21	21	21	21

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6BH4CM	**5.20**	0.00	0.36	**6.96**	0.11	0.25	**5.91**	0.29	0.34	**4.73**	0.09	0.08	**7.64**	0.65	0.07
AV4QLN	**4.96**	-0.87	0.34	**6.46**	-2.65	0.74	**5.83**	-0.10	0.63	**4.50**	-0.88	0.74	**7.13**	-1.75	0.32
BNN84A	**5.11**	-0.34	0.09	**6.94**	0.00	0.12	**5.81**	-0.20	0.77	**4.61**	-0.40	0.95	**7.53**	0.13	0.07
C26KVA	**6.25**	3.78	3.50	**7.05**	0.60	0.81	**6.45**	2.91	3.45	**5.78**	4.60	3.41	**7.73**	1.10	3.04
CWCHTV	**4.80**	-1.46		**7.10**	0.86		**5.50**	-1.73		**4.60**	-0.46		**7.30**	-0.95	
EAAD38	**5.22**	0.06	0.09	**6.86**	-0.46	0.85	**5.73**	-0.62	0.34	**4.61**	-0.40	0.36	**7.50**	0.00	0.12
EDCALB	**5.86**	2.37		**7.07**	0.69		**7.08**	6.01X		**5.41**	3.00		**7.32**	-0.85	
JM4JX2	**5.36**	0.55	0.06	**6.79**	-0.87	0.45	**5.97**	0.55	0.47	**4.82**	0.48	0.00	**7.51**	0.05	0.17
KL9ZUE	**5.35**	0.54	0.41	**7.18**	1.30	0.56	**6.07**	1.06	0.88	**4.88**	0.75	0.33	**7.70**	0.95	0.32
LME3V4	**5.44**	0.84	2.13	**6.97**	0.13	2.29	**6.10**	1.21	0.66	**4.80**	0.40	2.02	**7.50**	0.00	2.81
MKM4G6	**5.16**	-0.14	0.05	**6.96**	0.11	0.25	**5.85**	0.00	0.25	**4.71**	0.00	0.08	**7.70**	0.93	0.49
MQVLGJ	**5.01**	-0.71	0.05	**6.85**	-0.49	0.25	**5.74**	-0.57	0.34	**4.64**	-0.27	0.08	**7.38**	-0.57	0.24
MRLNKL	**5.24**	0.13		**6.95**	0.04		**5.93**	0.38		**4.77**	0.27		**7.42**	-0.38	
QDCD62	**5.19**	-0.06	0.29	**6.76**	-0.99	0.12	**5.88**	0.15	0.25	**4.63**	-0.31	0.08	**7.40**	-0.46	0.54
TRJ9EE	**5.20**	-0.02	0.05	**7.06**	0.66	0.32	**5.97**	0.57	0.79	**4.72**	0.07	0.36	**7.49**	-0.05	0.24
TVHKBE	**5.18**	-0.10	0.19	**6.88**	-0.33	0.86	**5.77**	-0.39	0.34	**4.60**	-0.44	0.30	**7.56**	0.28	0.44
U8C2ZF	**5.33**	0.46	0.41	**6.84**	-0.55	2.14	**5.85**	0.00	0.67	**4.86**	0.64	0.41	**7.75**	1.17	0.18
UX4Q7V	**4.97**	-0.84		**6.79**	-0.84		**5.66**	-0.95		**4.62**	-0.37		**6.99**	-2.41	
VZC2ZD	**5.28**	0.29	0.27	**7.03**	0.48	0.37	**6.01**	0.78	0.67	**4.73**	0.09	0.16	**7.61**	0.52	0.42
WL9YXV	**5.17**	-0.11	0.58	**6.82**	-0.68	1.91	**5.93**	0.38	1.54	**4.67**	-0.16	0.28	**7.43**	-0.35	0.28
YUDNNZ	**5.33**	0.46	0.50	**7.03**	0.48	0.56	**5.98**	0.60	0.46	**4.77**	0.26	0.22	**7.64**	0.66	0.12
Z9RD3R	**4.87**	-1.22	0.52	**6.60**	-1.88	0.00	**5.60**	-1.24	0.00	**4.50**	-0.88		**7.23**	-1.26	0.70
ZC9XP8	**5.25**	0.18	0.76	**6.88**	-0.33	1.25	**5.84**	-0.08	0.13	**4.64**	-0.30	0.22	**7.49**	-0.06	0.07
ZCPUG8	**7.40**	7.93X		**4.80**	-11.76X		**5.70**	-0.75		**6.80**	8.94X		**5.20**	-10.88X	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	5.20	6.94	5.85	4.71	7.50
Median Abs Dev	0.13	0.10	0.12	0.09	0.12
Avg Within Lab SD	0.11	0.05	0.05	0.07	0.08
Labs Included	23	23	23	23	23
Labs Reporting	24	24	24	24	24

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.44**	0.51	0.56	**2.19**	0.83	0.15	**0.58**	-0.26	0.38	**3.11**	0.55	0.27	**1.78**	1.14	0.21
6BH4CM	**0.32**	-1.14	1.56	**1.43**	-1.88	1.45	**0.62**	-0.09	1.19	**2.19**	-1.69	1.46	**1.22**	-1.92	0.75
AV4QLN	**0.48**	1.14	0.18	**2.00**	0.17	0.20	**0.82**	0.82	0.27	**3.15**	0.65	0.52	**1.73**	0.89	0.65
BNN84A	**0.38**	-0.25	0.37	**1.97**	0.04	0.17	**0.74**	0.44	0.83	**2.88**	0.00	0.83	**1.58**	0.07	0.21
C26KVA	**0.30**	-1.31	2.59	**1.96**	0.02	1.43	**0.56**	-0.36	2.89	**3.38**	1.23	1.51	**1.64**	0.40	2.55
CWCHTV	**0.50**	1.37		**2.00**	0.16		**0.80**	0.73		**2.30**	-1.43		**1.70**	0.70	
EAAD38	**0.40**	0.00	0.31	**1.76**	-0.71	0.51	**0.82**	0.84	0.42	**2.76**	-0.29	0.27	**1.60**	0.18	0.23
EDCALB	**0.38**	-0.27		**2.07**	0.41		**0.94**	1.37		**2.43**	-1.11		**1.52**	-0.27	
JM4JX2	**0.31**	-1.23	0.44	**2.15**	0.68	1.23	**0.50**	-0.66	0.19	**2.97**	0.20	2.23	**1.50**	-0.38	0.48
KL9ZUE	**0.37**	-0.45	1.46	**1.63**	-1.15	2.02	**0.50**	-0.64	2.15	**2.75**	-0.34	1.79	**1.48**	-0.51	0.74
LME3V4	**0.33**	-0.91	0.83	**1.68**	-0.97	1.12	**0.51**	-0.58	0.92	**2.35**	-1.31	1.65	**1.32**	-1.34	2.28
MKM4G6	**0.41**	0.16	1.05	**1.89**	-0.22	2.12	**0.70**	0.29	0.52	**2.32**	-1.39	1.05	**1.44**	-0.68	1.30
MQVLGJ	**0.58**	2.47	0.04	**2.04**	0.30	0.02	**0.84**	0.90	0.05	**3.44**	1.37	0.08	**1.97**	2.17	0.02
MRLNKL	**0.41**	0.14		**1.99**	0.13		**0.64**	0.00		**2.98**	0.24		**1.61**	0.22	
QDCD62	**0.36**	-0.50	0.18	**2.08**	0.45	0.23	**0.50**	-0.66	0.16	**2.91**	0.08	0.12	**1.55**	-0.13	0.06
TRJ9EE	**0.47**	0.95	0.04	**1.50**	-1.61	0.20	**0.43**	-0.97	0.05	**3.00**	0.29	0.34	**1.57**	0.00	0.11
TVHKBE	**0.42**	0.27	0.12	**1.83**	-0.43	0.03	**0.74**	0.46	0.03	**2.81**	-0.17	0.10	**1.54**	-0.14	0.05
U8C2ZF	**0.39**	-0.09	0.18	**1.59**	-1.29	0.31	**0.79**	0.69	0.27	**2.76**	-0.31	0.50	**1.51**	-0.31	0.51
UX4Q7V	**0.76**	4.91X		**2.65**	2.48X		**1.05**	1.85		**4.37**	3.66X		**2.47**	4.88X	
VZC2ZD	**0.37**	-0.36	1.49	**1.70**	-0.90	0.54	**0.50**	-0.62	0.68	**2.81**	-0.18	0.85	**1.52**	-0.27	0.40
WL9YXV	**0.33**	-0.96	0.54	**2.06**	0.36	1.27	**0.50**	-0.64	1.36	**3.06**	0.43	0.46	**1.58**	0.04	0.62
YUDNNZ	**0.41**	0.15	0.80	**1.95**	-0.02	0.27	**0.78**	0.62	0.74	**2.99**	0.26	0.27	**1.70**	0.70	0.62
Z9RD3R	**0.42**	0.23	1.46	**1.57**	-1.38	0.99	**0.46**	-0.82	0.54	**2.28**	-1.48	0.93	**1.20**	-2.02	1.74
ZC9XP8	**0.45**	0.65	0.90	**2.14**	0.65	1.01	**0.84**	0.91	0.33	**3.09**	0.50	0.46	**1.76**	1.03	0.67
ZCPUG8	**0.99**	8.07X		**1.55**	-1.44		**0.50**	-0.64		**1.13**	-4.31X		**0.40**	-6.34X	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.40	1.95	0.64	2.88	1.57
Median Abs Dev	0.04	0.15	0.14	0.18	0.07
Avg Within Lab SD	0.03	0.07	0.04	0.13	0.09
Labs Included	23	24	25	23	23
Labs Reporting	25	25	25	25	25

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.37**	-0.73	0.09	**1.79**	-0.14	0.11	**1.09**	-0.09	0.02	**0.12**	-1.09	0.11	**4.99**	0.32	0.32
6BH4CM	**0.64**	-0.02	0.38	**1.31**	-0.45	0.14	**0.98**	-0.23	0.11	**0.54**	0.71	1.01	**2.18**	-0.52	0.25
AV4QLN	**1.12**	1.27	0.30	**2.21**	0.14	0.07	**1.23**	0.09	0.20	**0.37**	0.00	0.39	**3.33**	-0.18	0.42
C26KVA	**0.95**	0.82	2.55	**5.42**	2.23	2.53	**2.55**	1.79	2.56	**0.36**	-0.06	2.23	**9.91**	1.80	1.89
KL9ZUE	**0.89**	0.66	0.15	**2.77**	0.50	0.69	**1.61**	0.57	0.19	**0.68**	1.34	0.11	**4.51**	0.18	1.42
LME3V4	**0.65**	0.02	0.47	**2.76**	0.50	0.34	**1.95**	1.01	0.59	**0.56**	0.80	0.91	**6.30**	0.72	1.03
MKM4G6	**0.25**	-1.07	0.16	**0.58**	-0.92	0.06	**0.48**	-0.87	0.03	**0.21**	-0.72	0.05	**1.22**	-0.81	0.04
ZCPUG8	**0.35**	-0.80		**1.19**	-0.53		**0.58**	-0.74					**1.04**	-0.87	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.65	2.00	1.16	0.37	3.92
Median Abs Dev	0.28	0.76	0.51	0.17	2.06
Avg Within Lab SD	0.29	0.72	0.67	0.13	0.59
Labs Included	8	8	8	7	8
Labs Reporting	8	8	8	7	8

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.39**	0.46	0.01	**0.17**	-0.02	0.09	**0.96**	-0.13	0.07	**0.94**	0.78	0.60	**1.72**	0.65	0.25
43AEYN	**12.60**	174.00X		**5.62**	148.99X		**36.75**	202.10X		**30.56**	218.88X		**49.65**	185.81X	
AV4QLN	**0.37**	0.08	0.32	**0.17**	-0.05	0.12	**1.04**	0.36	0.24	**0.93**	0.66	1.24	**1.56**	0.04	0.09
C26KVA	**0.41**	0.67	1.98	**0.20**	0.83	1.62	**1.01**	0.16	1.51	**0.96**	0.89	1.75	**1.66**	0.45	1.11
EDCALB	**0.03**	-4.67X		**0.01**	-4.43X		**0.11**	-4.90X		**0.09**	-5.51X		**0.15**	-5.41X	
JM4JX2	**0.28**	-1.16	0.58	**0.23**	1.53	1.47	**0.77**	-1.22	0.13	**0.87**	0.24	0.50	**1.43**	-0.47	0.18
LME3V4	**0.34**	-0.26	1.03	**0.19**	0.48	1.06	**0.86**	-0.70	0.45	**0.79**	-0.35	1.61	**1.55**	0.00	0.64
MKM4G6	**246.95**	505.89X	731.82	**72.88**	987.39X	73.40	**446.30**	516.10X	405.79	**68.46**	497.98X	93.43	**408.36**	571.38X	24.26
MRLNKL	**0.33**	-0.45		**0.14**	-0.80		**0.88**	-0.57		**0.79**	-0.35		**1.44**	-0.41	
TEXUBE	**0.36**	0.02	0.63	**0.17**	0.02	0.00	**1.05**	0.37	0.42	**0.80**	-0.30	0.54	**1.58**	0.13	0.31
TRJ9EE	**0.38**	0.21	0.24	**0.17**	0.02	1.20	**0.63**	-1.98	0.31	**0.73**	-0.79	0.35	**1.44**	-0.40	0.78
TVHKBE	**0.37**	0.15	0.27	**0.16**	-0.26	0.02	**1.03**	0.29	0.08	**0.85**	0.10	0.20	**1.55**	0.00	0.04
U8C2ZF	**0.30**	-0.88	0.00	**0.10**	-1.89	0.00	**0.83**	-0.83	1.04	**0.70**	-1.01	0.00	**1.20**	-1.34	0.00
UX4Q7V	**0.58**	3.12		**0.20**	0.82		**1.03**	0.30		**1.06**	1.61		**1.78**	0.92	
VZC2ZD	**0.39**	0.40	2.50	**0.20**	0.75	1.75	**1.00**	0.13	2.59	**1.00**	1.22	1.46	**2.03**	1.87	3.02
YUDNNZ	**0.29**	-0.97	0.63	**0.16**	-0.25	1.39	**0.92**	-0.32	0.55	**0.84**	0.02	1.05	**1.45**	-0.39	0.44
Z9RD3R	**0.24**	-1.78	0.63	**0.09**	-2.25	0.80	**0.52**	-2.58	1.17	**0.52**	-2.34	1.22	**0.88**	-2.57	1.03
ZC9XP8	**0.36**	-0.02	0.00	**0.15**	-0.52	0.00	**1.10**	0.66	0.81	**0.82**	-0.10	0.20	**1.55**	0.00	0.45
ZCPUG8	**0.35**	-0.15		**0.18**	0.30		**1.01**	0.19		**0.84**	-0.02		**1.25**	-1.16	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.36	0.17	0.98	0.84	1.55
Median Abs Dev	0.03	0.02	0.06	0.07	0.11
Avg Within Lab SD	0.02	0.01	0.06	0.03	0.11
Labs Included	16	16	16	16	16
Labs Reporting	19	19	19	19	19

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**2.6**	0.92	0.43	**16.7**	0.77	0.69	**2.9**	-0.44	0.20	**24.0**	0.93	0.32	**11.3**	0.71	0.82
43AEYN	**2.1**	-0.07		**13.4**	-0.55		**4.1**	1.15		**18.5**	-0.40		**8.2**	-0.94	
6BH4CM	**2.0**	-0.38	0.75	**11.7**	-1.24	0.73	**3.3**	0.06	0.39	**17.8**	-0.56	0.88	**8.1**	-1.01	0.22
AV4QLN	**3.0**	1.61	0.41	**15.7**	0.35	1.74	**4.1**	1.12	1.28	**22.6**	0.59	0.59	**10.1**	0.06	0.64
C26KVA	**1.7**	-0.87	1.78	**15.3**	0.19	1.40	**3.0**	-0.29	1.77	**24.0**	0.93	1.42	**11.2**	0.65	1.31
EDCALB	**0.2**	-3.86X		**1.5**	-5.32X		**0.2**	-3.90X		**1.8**	-4.42X		**0.9**	-4.81X	
JM4JX2	**1.2**	-1.88	0.21	**14.8**	0.00	0.72	**2.3**	-1.15	1.02	**17.7**	-0.59	0.31	**8.7**	-0.68	0.44
KL9ZUE	**2.0**	-0.34	1.77	**11.2**	-1.43	0.99	**2.7**	-0.67	1.48	**17.4**	-0.66	1.28	**9.1**	-0.43	1.09
LME3V4	**1.9**	-0.49	1.30	**13.1**	-0.67	1.16	**2.8**	-0.52	1.36	**16.6**	-0.85	1.94	**9.4**	-0.30	1.81
MKM4G6	**1.9**	-0.49	1.03	**12.4**	-0.94	1.39	**3.2**	0.00	0.50	**16.5**	-0.87	1.51	**8.2**	-0.94	1.30
MQVLGJ	**2.4**	0.40	0.18	**15.0**	0.09	0.17	**4.3**	1.40	0.07	**23.9**	0.90	0.25	**11.9**	1.06	0.28
MRLNKL	**2.4**	0.41		**15.5**	0.29		**3.3**	0.09		**22.1**	0.47		**10.5**	0.29	
QDCD62	**2.1**	-0.15	0.60	**15.7**	0.35	0.10	**2.7**	-0.64	1.58	**21.2**	0.25	0.44	**10.4**	0.26	0.51
TEXUBE	**2.2**	0.12	0.68	**14.9**	0.05	0.76	**3.7**	0.61	0.89	**20.1**	0.00	0.91	**10.2**	0.11	0.92
TRJ9EE	**2.7**	0.97	0.22	**11.8**	-1.18	0.32	**2.4**	-1.09	0.24	**23.1**	0.70	0.52	**10.0**	0.00	1.75
TVHKBE	**2.6**	0.86	0.31	**15.5**	0.26	0.15	**4.1**	1.09	0.20	**22.8**	0.65	0.13	**10.3**	0.20	0.11
U8C2ZF	**1.7**	-1.05	0.00	**9.4**	-2.17	0.52	**3.2**	0.00	0.86	**17.2**	-0.71	0.11	**7.6**	-1.25	0.13
UX4Q7V	**3.6**	2.83		**17.7**	1.14		**4.3**	1.43		**28.6**	2.04		**14.0**	2.14	
VZC2ZD	**2.2**	0.00	2.66	**13.1**	-0.69	1.38	**2.6**	-0.81	1.47	**21.1**	0.22	2.03	**10.4**	0.22	1.57
WL9YXV	**2.3**	0.32	0.18	**16.1**	0.50	0.20	**3.1**	-0.15	0.44	**22.3**	0.53	0.27	**11.2**	0.66	0.67
YUDNNZ	**2.0**	-0.43	0.28	**13.8**	-0.38	0.35	**3.5**	0.38	0.41	**20.1**	0.00	0.65	**9.9**	-0.02	0.61
Z9RD3R	**1.9**	-0.47	0.74	**10.9**	-1.56	2.27	**2.2**	-1.32	1.04	**16.5**	-0.88	1.38	**7.4**	-1.38	1.20
ZC9XP8	**2.4**	0.43	0.53	**15.3**	0.19	0.16	**4.0**	1.07	1.00	**19.9**	-0.06	0.32	**9.7**	-0.12	0.89
ZCPUG8	**2.2**	0.00		**13.4**	-0.55		**3.2**	-0.04		**13.0**	-1.71		**6.0**	-2.09	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2.17	14.8	3.22	20.1	9.95
Median Abs Dev	0.22	1.4	0.49	2.7	1.23
Avg Within Lab SD	0.17	0.6	0.15	0.9	0.59
Labs Included	23	23	23	23	23
Labs Reporting	24	24	24	24	24

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.78**	-0.13	0.47	**5.57**	0.80	0.19	**2.07**	-0.25	0.33	**3.39**	0.12	0.16	**3.82**	0.64	0.23
43AEYN	**0.97**	1.02		**4.99**	0.19		**2.99**	1.17		**3.54**	0.33		**3.08**	-0.39	
6BH4CM	**0.83**	0.20	2.12	**3.86**	-0.98	0.90	**2.25**	0.04	1.30	**2.81**	-0.73	1.63	**2.61**	-1.04	0.68
AV4QLN	**0.87**	0.40	0.26	**4.71**	-0.10	1.04	**2.66**	0.66	0.15	**3.47**	0.23	0.64	**3.41**	0.07	0.86
C26KVA	**0.76**	-0.26	1.70	**4.98**	0.18	1.59	**2.20**	-0.05	1.46	**3.62**	0.45	0.63	**3.72**	0.50	1.13
EDCALB	**0.08**	-4.31X		**0.58**	-4.39X		**0.38**	-2.85X		**0.33**	-4.33X		**0.35**	-4.18X	
JM4JX2	**0.57**	-1.40	0.10	**4.65**	-0.17	0.41	**1.78**	-0.69	0.26	**3.33**	0.02	0.47	**3.22**	-0.20	0.41
KL9ZUE	**0.62**	-1.10	1.45	**3.55**	-1.31	1.33	**1.63**	-0.92	2.13	**2.60**	-1.02	1.30	**2.81**	-0.77	0.91
LME3V4	**0.65**	-0.90	0.64	**4.28**	-0.54	2.12	**1.87**	-0.56	1.22	**2.51**	-1.16	1.83	**3.05**	-0.43	2.01
MKM4G6	**1.21**	2.43	1.48	**6.84**	2.11	1.93	**3.64**	2.18	0.94	**4.28**	1.40	2.06	**4.43**	1.49	2.00
MQVLGJ	**0.80**	0.02	0.08	**4.81**	0.00	0.06	**2.66**	0.67	0.14	**3.75**	0.64	0.13	**3.67**	0.44	0.11
MRLNKL	**0.80**	0.00		**5.02**	0.22		**2.25**	0.03		**3.13**	-0.26		**3.36**	0.00	
QDCD62	**0.80**	0.00	0.00	**5.60**	0.82	0.91	**1.77**	-0.71	1.04	**3.63**	0.47	0.70	**3.83**	0.66	0.81
TEXUBE	**0.75**	-0.32	0.84	**4.91**	0.11	0.98	**2.70**	0.73	0.76	**2.96**	-0.51	0.74	**3.32**	-0.06	0.50
TRJ9EE	**0.85**	0.30	0.15	**3.84**	-1.00	0.74	**1.47**	-1.16	0.46	**3.31**	0.00	0.37	**3.55**	0.26	0.59
TVHKBE	**0.89**	0.55	0.11	**5.05**	0.25	0.01	**2.89**	1.01	0.11	**3.40**	0.13	0.34	**3.44**	0.11	0.07
U8C2ZF	**0.50**	-1.79		**2.70**	-2.19	0.52	**2.00**	-0.35	0.90	**2.17**	-1.66	0.35	**2.20**	-1.61	0.00
UX4Q7V	**1.31**	3.04		**5.99**	1.23		**3.02**	1.23		**4.60**	1.87		**4.71**	1.87	
VZC2ZD	**0.70**	-0.60	1.69	**4.30**	-0.53	0.72	**1.78**	-0.70	1.77	**3.22**	-0.13	1.71	**3.56**	0.27	1.62
WL9YXV	**0.81**	0.08	0.22	**5.37**	0.58	0.10	**2.09**	-0.21	0.41	**3.51**	0.29	1.06	**3.80**	0.61	0.77
YUDNNZ	**0.76**	-0.24	0.39	**4.35**	-0.47	0.50	**2.39**	0.24	0.78	**3.00**	-0.45	0.13	**3.12**	-0.33	0.61
Z9RD3R	**0.84**	0.26	1.27	**3.64**	-1.21	0.85	**1.46**	-1.18	0.74	**2.59**	-1.04	0.71	**2.42**	-1.31	1.28
ZC9XP8	**0.77**	-0.20	0.45	**4.90**	0.10	0.52	**2.73**	0.77	0.94	**2.90**	-0.60	0.18	**3.07**	-0.40	0.96
ZCPUG8	**0.75**	-0.29		**4.41**	-0.41		**2.23**	0.00		**1.93**	-2.00		**1.88**	-2.05	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.80	4.81	2.23	3.31	3.36
Median Abs Dev	0.05	0.51	0.45	0.32	0.31
Avg Within Lab SD	0.07	0.19	0.11	0.17	0.19
Labs Included	23	23	23	23	23
Labs Reporting	24	24	24	24	24

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.24**	0.72	1.17	**0.15**	-0.15	0.06	**0.15**	-0.34	0.40	**0.47**	1.19	0.73	**2.11**	1.14	0.47
43AEYN	**0.22**	0.51		**0.22**	1.59		**0.35**	2.22		**0.55**	1.74		**1.76**	-0.06	
6BH4CM	**0.14**	-0.43	0.85	**0.14**	-0.37	1.18	**0.16**	-0.30	0.56	**0.35**	0.31	1.91	**1.58**	-0.67	0.21
AV4QLN	**0.18**	0.00	0.44	**0.16**	-0.04	0.66	**0.17**	-0.16	0.41	**0.29**	-0.09	0.27	**1.77**	-0.03	0.48
C26KVA	**0.14**	-0.53	0.41	**0.15**	-0.30	0.56	**0.15**	-0.43	0.20	**0.28**	-0.17	0.07	**2.00**	0.78	0.52
EDCALB	**0.00**	-2.16					**0.00**	-2.31		**0.01**	-2.15		**0.13**	-5.72X	
JM4JX2	**0.16**	-0.28	0.26	**0.21**	1.33	0.72	**0.18**	0.00	0.69	**0.39**	0.56	0.21	**1.37**	-1.43	0.06
KL9ZUE	**0.15**	-0.35	1.07	**0.13**	-0.79	0.70	**0.14**	-0.50	0.24	**0.23**	-0.55	0.22	**1.80**	0.08	0.97
LME3V4	**0.15**	-0.39	0.76	**0.15**	-0.29	0.78	**0.15**	-0.43	0.14	**0.23**	-0.55	0.10	**1.63**	-0.51	0.82
MKM4G6	**0.24**	0.72	1.48	**0.23**	1.76	1.29	**0.23**	0.61	0.14	**0.34**	0.22	0.30	**1.70**	-0.28	2.07
MQVLGJ	**1.87**	20.84X	0.42	**1.24**	27.60X	0.29	**0.28**	1.26	0.14	**1.99**	12.07X	0.10	**3.18**	4.88X	0.18
MRLNKL													**1.81**	0.12	
QDCD62	**0.23**	0.68	2.12	**0.20**	1.08	0.00	**0.20**	0.26	0.00	**0.30**	-0.05	0.00	**1.63**	-0.50	0.52
TEXUBE	**0.16**	-0.26	0.42	**0.16**	-0.03	0.29	**0.17**	-0.09	0.14				**1.83**	0.20	0.64
TRJ9EE										**0.24**	-0.45	0.06	**1.62**	-0.56	0.68
TVHKBE	**0.19**	0.20	0.27	**0.18**	0.64	0.61	**0.21**	0.40	0.26	**0.29**	-0.10	0.14	**1.92**	0.51	0.02
U8C2ZF	**0.30**	1.55	1.60	**0.16**	0.03	2.57	**0.20**	0.30	2.21	**0.33**	0.19	1.33	**1.61**	-0.57	0.68
UX4Q7V	**0.37**	2.31		**0.20**	1.12		**0.28**	1.24		**0.43**	0.88		**2.47**	2.43	
VZC2ZD							**0.22**	0.52					**2.19**	1.44	2.56
WL9YXV	**0.20**	0.26	0.35	**0.17**	0.37	0.85	**0.16**	-0.24	0.25	**0.36**	0.35	0.81	**1.97**	0.67	0.82
YUDNNZ	**0.26**	0.97	1.06	**0.20**	1.08	1.35	**0.20**	0.30	0.37	**0.31**	0.05	0.21	**1.80**	0.07	0.38
Z9RD3R	**0.59**	5.06X	12.97	**0.59**	10.97X	18.75	**0.38**	2.57	3.24	**0.66**	2.56	3.01	**1.46**	-1.11	1.27
ZC9XP8	**0.17**	-0.14	0.21	**0.14**	-0.46	0.00	**0.18**	0.00	0.24	**0.24**	-0.48	0.10	**1.79**	0.03	0.86
ZCPUG8	**0.15**	-0.36		**0.13**	-0.71		**0.15**	-0.35		**0.19**	-0.86		**1.30**	-1.66	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.18	0.16	0.18	0.31	1.78
Median Abs Dev	0.03	0.02	0.03	0.07	0.15
Avg Within Lab SD	0.03	0.02	0.04	0.10	0.11
Labs Included	19	18	22	20	22
Labs Reporting	21	20	22	21	24

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.181**	0.12	0.30	**0.046**	-0.38	0.00	**0.098**	-0.07	0.61	**0.128**	0.68	0.59	**0.766**	0.81	0.87
AV4QLN	**0.128**	-0.27	0.10	**0.049**	-0.29	0.06	**0.092**	-0.32	0.49	**0.082**	-0.45	0.20	**0.681**	-0.29	0.76
C26KVA	**0.121**	-0.33	0.06	**0.046**	-0.37	0.05	**0.091**	-0.33	0.19	**0.076**	-0.59	0.11	**0.733**	0.38	0.61
JM4JX2	**0.165**	0.00	0.08	**0.068**	0.26	0.08	**0.120**	0.76	0.77	**0.115**	0.37	0.20	**0.555**	-1.91	0.24
KL9ZUE	**0.131**	-0.26	0.20	**0.047**	-0.35	0.08	**0.096**	-0.14	0.10	**0.073**	-0.67	0.15	**0.736**	0.42	0.86
LME3V4	**0.130**	-0.26	0.12	**0.053**	-0.16	0.12	**0.093**	-0.25	0.31	**0.073**	-0.65	0.17	**0.653**	-0.64	0.20
MKM4G6	**0.187**	0.16	0.25	**0.073**	0.43	0.25	**0.120**	0.76	0.00	**0.107**	0.16	0.17	**0.660**	-0.56	1.18
MQVLGJ	**1.483**	9.82X	0.07	**0.393**	9.77X	0.12	**0.150**	1.90	0.00	**0.537**	10.71X	0.17	**1.140**	5.61X	0.34
MRLNKL													**0.690**	-0.17	
QDCD62	**0.200**	0.26	0.00	**0.100**	1.21	0.00	**0.100**	0.00	0.00	**0.100**	0.00	0.00	**0.600**	-1.33	0.00
TEXUBE	**0.127**	-0.29	0.07				**0.100**	0.00					**0.710**	0.09	0.34
TRJ9EE													**0.623**	-1.03	0.20
TVHKBE	**0.147**	-0.14	0.07	**0.057**	-0.06	0.12	**0.117**	0.63	0.31	**0.080**	-0.49	0.00	**0.737**	0.43	0.20
U8C2ZF	**0.293**	0.96	0.54	**0.063**	0.14	0.49	**0.127**	1.01	3.09	**0.107**	0.16	1.17	**0.727**	0.30	1.29
UX4Q7V	**0.234**	0.51		**0.059**	0.00		**0.144**	1.66		**0.105**	0.13		**0.810**	1.37	
VZC2ZD							**0.150**	1.90					**0.797**	1.20	2.75
Z9RD3R	**0.503**	2.52	3.53	**0.223**	4.81	3.26	**0.280**	6.83X	6.13	**0.220**	2.94	3.02	**0.660**	-0.56	1.23
ZC9XP8	**0.107**	-0.43	0.14										**0.703**	0.00	0.39
ZCPUG8	**0.650**	3.61		**0.070**	0.33		**0.090**	-0.38		**0.040**	-1.47		**0.120**	-7.49X	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.17	0.059	0.10	0.10	0.70
Median Abs Dev	0.04	0.011	0.01	0.02	0.04
Avg Within Lab SD	0.08	0.047	0.02	0.03	0.03
Labs Included	15	13	15	13	17
Labs Reporting	16	14	16	14	19

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.27**	0.48	1.85	**0.48**	0.08	0.15	**1.22**	0.26	0.51	**0.43**	0.50	0.89	**2.86**	0.67	0.62
6BH4CM	**0.12**	-0.84	0.57	**0.18**	-1.21	0.27	**0.65**	-2.27	0.00	**0.28**	-0.07	0.74	**1.30**	-1.70	0.45
AV4QLN	**0.17**	-0.37	0.17	**0.40**	-0.27	0.01	**1.10**	-0.26	0.07	**0.23**	-0.26	0.09	**2.07**	-0.54	0.27
BMTNZM	**0.22**	0.00	0.18	**0.46**	0.00	0.13	**1.17**	0.03	0.41	**0.25**	-0.18	0.14	**2.38**	-0.05	1.09
C26KVA	**0.21**	-0.08	1.71	**0.45**	-0.01	0.15	**1.24**	0.33	1.32	**0.25**	-0.19	0.54	**2.84**	0.64	1.16
EDCALB	**0.05**	-1.45		**0.08**	-1.64		**0.28**	-3.90X		**0.08**	-0.79		**0.26**	-3.29X	
KL9ZUE	**0.28**	0.51	0.36	**0.61**	0.67	3.43	**0.77**	-1.74	1.84	**0.57**	0.99	3.47	**1.65**	-1.17	1.37
LME3V4	**0.17**	-0.44	0.38	**0.42**	-0.15	0.29	**1.16**	0.00	1.48	**0.21**	-0.32	0.14	**2.00**	-0.63	1.35
MKM4G6	**0.27**	0.48	0.46	**0.47**	0.07	0.30	**1.14**	-0.10	1.63	**0.30**	-0.01	0.09	**1.97**	-0.68	1.53
MQVLGJ	**1.03**	7.07X	0.00	**1.09**	2.75	0.00	**1.33**	0.74X	0.00	**1.71**	5.13	0.00	**3.87**	2.21	0.00
MRLNKL				**0.54**	0.36		**1.33**	0.74		**0.31**	0.04		**2.68**	0.40	
QDCD62	**0.26**	0.37	1.84	**0.44**	-0.06	0.16	**1.22**	0.24	1.09	**0.29**	-0.02	0.30	**2.71**	0.45	1.19
TRJ9EE				**0.75**	1.25	1.69	**1.46**	1.30	0.37				**2.51**	0.14	0.27
TVHKBE	**0.23**	0.09	0.07	**0.46**	0.00	0.08	**1.17**	0.01	0.48	**0.31**	0.04	0.26	**2.45**	0.05	0.69
U8C2ZF	**0.20**	-0.15	0.00	**0.40**	-0.25	0.00	**1.37**	0.90	1.95	**0.30**	0.01	0.00	**2.60**	0.28	1.55
UX4Q7V	**0.54**	2.77		**0.76**	1.32		**1.83**	2.96		**0.59**	1.07		**3.58**	1.77	
VZC2ZD							**1.01**	-0.69	0.27				**2.17**	-0.38	0.41
WL9YXV	**0.19**	-0.21	0.38	**0.36**	-0.44	0.19	**1.06**	-0.46	0.26	**0.22**	-0.30	0.08	**2.78**	0.55	1.55
YUDNNZ	**0.30**	0.75	1.66	**0.48**	0.08	0.22	**1.09**	-0.34	0.15	**0.31**	0.04	0.29	**2.31**	-0.16	0.05
ZC9XP8	**0.22**	0.00	0.69				**1.14**	-0.12	0.15				**2.24**	-0.27	0.91
ZCPUG8	**0.50**	2.47		**0.97**	2.21		**1.15**	-0.08		**0.90**	2.19		**1.92**	-0.75	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.22	0.46	1.16	0.30	2.42
Median Abs Dev	0.05	0.06	0.07	0.06	0.36
Avg Within Lab SD	0.03	0.13	0.08	0.07	0.11
Labs Included	17	19	19	18	20
Labs Reporting	18	19	21	18	21

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.57**	0.12	0.01	**1.95**	0.28	0.42	**1.33**	0.20	0.78	**0.36**	-0.08	0.08	**2.65**	0.71	0.98
6BH4CM	**0.49**	-0.35	1.06	**1.61**	-0.77	0.44	**1.08**	-0.69	0.50	**0.27**	-0.68	1.11	**1.88**	-0.98	2.17
AV4QLN	**0.55**	0.00	0.34	**1.99**	0.41	0.98	**1.29**	0.05	0.05	**0.41**	0.30	1.86	**2.40**	0.17	0.73
BMTNZM	**0.37**	-1.01	0.19	**1.65**	-0.64	0.64	**0.94**	-1.20	0.17	**0.28**	-0.59	0.68	**1.91**	-0.90	0.18
C26KVA	**0.71**	0.94	0.70	**1.95**	0.28	0.49	**1.53**	0.91	1.85	**0.41**	0.30	2.07	**2.63**	0.67	1.50
EDCALB	**0.02**	-3.01X		**0.09**	-5.51X		**0.06**	-4.31X		**0.00**	-2.44		**0.10**	-4.85X	
KL9ZUE	**0.46**	-0.51	0.99	**1.44**	-1.29	0.88	**1.09**	-0.65	0.30	**0.28**	-0.57	0.33	**1.81**	-1.12	0.86
LME3V4	**0.56**	0.06	1.05	**1.59**	-0.83	2.51	**1.27**	0.00	2.58	**0.35**	-0.12	0.65	**1.98**	-0.76	1.83
MKM4G6	**0.51**	-0.24	0.58	**1.59**	-0.83	1.08	**1.06**	-0.76	0.50	**0.31**	-0.39	0.00	**1.95**	-0.81	1.25
MQVLGJ	**0.44**	-0.61	0.00	**1.84**	-0.07	0.09	**1.03**	-0.88	0.08	**0.43**	0.41	0.00	**2.33**	0.00	0.05
MRLNKL	**0.60**	0.29		**1.99**	0.40		**1.39**	0.42		**0.38**	0.08		**2.44**	0.25	
QDCD62	**0.68**	0.72	1.04	**1.92**	0.20	0.85	**1.49**	0.77	0.86	**0.39**	0.12	0.93	**2.63**	0.67	0.46
TRJ9EE	**0.70**	0.84	0.70	**2.09**	0.71	1.34	**1.40**	0.44	0.44	**0.41**	0.28	0.00	**2.37**	0.09	1.12
TVHKBE	**0.43**	-0.70	1.04	**1.71**	-0.46	0.80	**0.96**	-1.10	0.67	**0.25**	-0.81	0.46	**2.01**	-0.69	0.61
U8C2ZF	**0.30**	-1.41	2.30	**1.30**	-1.74	1.54	**1.03**	-0.85	0.83	**0.17**	-1.35	1.42	**2.13**	-0.42	0.46
UX4Q7V	**1.00**	2.57		**2.76**	2.81		**1.72**	1.59		**1.50**	7.53X		**3.53**	2.62	
VZC2ZD	**0.72**	0.97	1.88	**1.88**	0.07	0.39	**1.41**	0.47	1.82	**0.49**	0.81	1.30	**2.59**	0.57	0.36
WL9YXV	**0.56**	0.04	0.94	**1.91**	0.16	0.15	**1.31**	0.12	0.44	**0.57**	1.35	0.50	**2.46**	0.28	0.33
YUDNNZ	**0.47**	-0.44	0.46	**1.80**	-0.20	0.24	**1.13**	-0.52	0.36	**0.59**	1.46	0.99	**2.22**	-0.23	0.38
ZC9XP8	**0.37**	-0.99	0.53				**0.94**	-1.18	0.22				**1.92**	-0.89	0.64
ZCPUG8	**2.92**	13.40X		**10.47**	26.75X		**6.01**	16.87X		**1.75**	9.24X		**8.64**	13.76X	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.55	1.86	1.27	0.37	2.33
Median Abs Dev	0.11	0.14	0.19	0.07	0.31
Avg Within Lab SD	0.04	0.06	0.07	0.04	0.12
Labs Included	19	18	19	18	19
Labs Reporting	21	20	21	20	21

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**2.6**	0.46	0.10	**17.0**	1.29	1.77	**1.9**	-0.88	0.96	**28.7**	0.52	0.99	**6.4**	0.00	1.17
6BH4CM	**2.3**	-0.17	0.26	**12.3**	-0.41	0.83	**3.5**	0.09	1.93	**23.3**	-0.44	0.68	**8.0**	0.45	0.46
AV4QLN	**2.6**	0.57	0.15	**14.0**	0.20	0.29	**3.6**	0.16	0.17	**29.3**	0.63	0.88	**9.0**	0.73	0.30
EDCALB	**0.3**	-3.98X		**1.7**	-4.31X		**0.5**	-1.78		**2.4**	-4.11X		**0.8**	-1.55	
LME3V4	**1.9**	-0.88	1.71	**11.8**	-0.60	1.17	**1.3**	-1.27	0.30	**20.3**	-0.96	1.69	**4.4**	-0.56	1.59
MKM4G6	**2.5**	0.35	1.16	**13.5**	0.00	1.74	**3.9**	0.32	0.70	**19.6**	-1.07	1.71	**8.1**	0.50	1.85
MRLNKL	**2.0**	-0.77		**14.4**	0.35		**2.2**	-0.70		**26.8**	0.19		**5.5**	-0.23	
TRJ9EE	**2.0**	-0.64	0.29	**8.5**	-1.82	0.72				**28.4**	0.46	0.34	**2.7**	-1.03	0.24
TVHKBE	**3.2**	1.55	0.12	**17.7**	1.57	0.24	**4.6**	0.76	0.05	**34.2**	1.49	0.08	**10.5**	1.16	0.73
U8C2ZF	**2.4**	0.03	0.77	**12.1**	-0.50	0.37	**4.1**	0.47	1.29	**24.2**	-0.28	0.21	**8.5**	0.59	0.72
VZC2ZD	**1.3**	-2.03	1.87	**10.9**	-0.95	0.94	**1.0**	-1.45	1.43	**25.7**	0.00	0.89	**3.3**	-0.85	0.97
ZC9XP8	**2.7**	0.63	1.19	**14.5**	0.40	0.32	**3.6**	0.12	0.16	**25.8**	0.00	1.03	**8.9**	0.72	0.59
ZCPUG8	**2.3**	-0.03		**13.4**	0.00		**3.2**	-0.09		**14.1**	-2.05		**4.9**	-0.40	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2.35	13.5	3.36	25.7	6.37
Median Abs Dev	0.31	1.2	0.95	2.8	2.09
Avg Within Lab SD	0.14	0.5	0.19	1.4	0.56
Labs Included	12	12	12	12	13
Labs Reporting	13	13	12	13	13

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**0.072**	-0.49	0.08	**0.053**	-0.18	0.36	**0.061**	-0.25	0.20	**0.036**	-0.04	0.11	**0.229**	-0.46	0.20
6BH4CM	**0.053**	-0.95	0.45	**0.033**	-0.87	0.69	**0.053**	-0.48	0.47	**0.037**	0.04	1.12	**0.170**	-1.73	0.56
AV4QLN	**0.123**	0.76	1.05	**0.086**	0.98	1.57	**0.102**	1.07	1.23	**0.069**	2.36	0.49	**0.282**	0.70	1.14
LME3V4	**0.084**	-0.19	1.17	**0.066**	0.28	1.72	**0.086**	0.56	1.39	**0.040**	0.28	0.83	**0.250**	0.01	1.53
MKM4G6	**0.070**	-0.54	0.00	**0.050**	-0.28	0.00	**0.067**	-0.05	0.47	**0.030**	-0.44	0.00	**0.190**	-1.29	0.56
MRLNKL													**0.270**	0.43	
QDCD62	**0.110**	0.45	0.78	**0.063**	0.18	1.39	**0.103**	1.12	0.94	**0.047**	0.76	0.85	**0.300**	1.08	0.56
TRJ9EE													**0.280**	0.65	
TVHKBE	**0.136**	1.11	0.74	**0.078**	0.68	0.72	**0.093**	0.78	0.96	**0.049**	0.91	1.83	**0.237**	-0.28	1.01
UX4Q7V	**0.063**	-0.70		**0.022**	-1.28		**0.045**	-0.76		**0.021**	-1.12		**0.202**	-1.03	
VZC2ZD													**0.270**	0.43	1.59
WL9YXV	**0.092**	0.00	1.93	**0.039**	-0.67	0.21	**0.068**	0.00	1.54	**0.031**	-0.34	1.32	**0.219**	-0.68	1.24
YUDNNZ	**0.153**	1.53	1.20	**0.097**	1.34	0.69	**0.113**	1.44	0.94	**0.100**	4.61X	0.73	**0.250**	0.00	0.56
ZCPUG8	**0.120**	0.70					**0.040**	-0.91		**0.030**	-0.44		**0.050**	-4.32X	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.09	0.058	0.068	0.036	0.25
Median Abs Dev	0.03	0.019	0.024	0.006	0.03
Avg Within Lab SD	0.01	0.008	0.012	0.014	0.02
Labs Included	11	10	11	10	13
Labs Reporting	11	10	11	11	14

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.27**	0.19	0.00	**0.93**	1.00	0.23	**0.51**	1.17	0.69	**0.95**	1.13	0.17	**0.59**	0.78	0.00
43AEYN	**0.18**	-1.10	0.41	**0.57**	-0.50	0.40	**0.25**	-0.96		**0.33**	-1.24	0.10	**0.28**	-1.57	0.57
4QFVKH	**0.38**	1.78	1.42	**0.85**	0.68	1.30	**0.47**	0.82	1.78	**0.78**	0.49	2.04	**0.50**	0.12	1.80
6BH4CM	**0.14**	-1.73	0.24	**0.40**	-1.21	0.23	**0.26**	-0.88	0.59	**0.38**	-1.04	0.17	**0.29**	-1.50	0.33
6DZMWG	**0.16**	-1.40	0.57	**0.36**	-1.38	0.91	**0.19**	-1.48	1.84	**0.43**	-0.86	0.33	**0.36**	-0.98	0.52
6KNBRM	**0.25**	-0.05	0.63	**0.47**	-0.90	0.35	**0.25**	-0.96	0.59	**0.36**	-1.11	0.17	**0.34**	-1.09	0.19
6MDEPZ	**0.19**	-0.95	0.51	**0.78**	0.39	0.92	**0.37**	0.01	0.48	**0.86**	0.77	0.25	**0.52**	0.22	0.72
9DV6PW	**0.24**	-0.19	0.63	**0.78**	0.36	1.94	**0.44**	0.60	0.91	**0.76**	0.39	3.78	**0.51**	0.20	2.11
AGA2UX	**0.30**	0.62	0.00	**0.50**	-0.79		**0.30**	-0.55	0.00	**0.60**	-0.20	0.00	**0.40**	-0.66	0.00
AV4QLN	**0.22**	-0.58	0.24	**0.99**	1.27	0.26	**0.54**	1.36	0.34	**0.98**	1.24	0.30	**0.61**	0.96	0.68
DU6KV9	**0.54**	4.13X	1.03	**0.85**	0.65	0.92	**0.76**	3.14X	2.48	**0.77**	0.46	0.36	**0.62**	1.04	0.19
EDCEZJ	**0.25**	-0.16	0.08	**0.64**	-0.22	0.40	**0.34**	-0.22	0.39	**0.60**	-0.20	0.14	**0.48**	-0.08	0.24
ELRQHQ	**0.21**	-0.67	0.00	**0.69**	0.00	0.00	**0.34**	-0.23	0.00	**0.81**	0.59	0.00	**0.51**	0.17	0.00
JM4JX2	**0.28**	0.35	0.12	**0.61**	-0.31	0.96	**0.38**	0.07	0.24	**0.50**	-0.58	0.44	**0.47**	-0.12	0.56
K9KXD8	**0.26**	0.05	0.82	**1.02**	1.38	0.46	**0.59**	1.76	0.69	**0.87**	0.81	0.20	**0.63**	1.11	1.00
KL9ZUE	**0.31**	0.71	0.50	**0.58**	-0.45	0.29	**0.35**	-0.17	0.36	**0.46**	-0.72	1.15	**0.35**	-1.07	0.73
LME3V4	**0.26**	0.10	1.54	**0.63**	-0.25	0.74	**0.33**	-0.34	1.63	**0.58**	-0.28	1.15	**0.46**	-0.21	1.12
MKM4G6	**0.31**	0.76	0.25	**0.47**	-0.93	0.26	**0.31**	-0.49	1.34	**0.39**	-1.01	0.06	**0.36**	-0.99	1.57
NLRBW3	**0.40**	2.12	0.48	**0.79**	0.40	0.10	**0.46**	0.70	0.39	**0.68**	0.12	0.24	**0.65**	1.21	1.12
PNECFW	**0.24**	-0.17	4.20	**0.72**	0.13	1.67	**0.33**	-0.29	2.35	**0.65**	-0.02	1.98	**0.36**	-0.97	2.67
RMXUBG	**0.23**	-0.38	0.00	**0.75**	0.25		**0.39**	0.20	0.34	**0.77**	0.44	0.00	**0.51**	0.17	0.00
TVHKBE	**0.23**	-0.46	0.33	**0.95**	1.10	0.53	**0.54**	1.38	0.55	**0.98**	1.25	0.21	**0.58**	0.72	0.75
U8C2ZF	**0.27**	0.24	0.47	**0.75**	0.25	0.40	**0.49**	0.98	1.03	**0.91**	0.96	0.39	**0.52**	0.25	0.66
VF6TKE	**0.20**	-0.86	0.47	**0.48**	-0.86	0.13	**0.33**	-0.34	0.34	**0.54**	-0.44	0.52	**0.49**	0.00	0.51
VJ64ET	**0.33**	1.10	0.24	**1.20**	2.11	3.31	**0.53**	1.28	1.24	**1.11**	1.72	0.65	**0.70**	1.64	1.24
YUDNNZ	**0.30**	0.58	0.63	**0.67**	-0.08	0.46	**0.40**	0.28	1.24	**0.61**	-0.15	0.52	**0.45**	-0.26	0.82

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZXMHL9	**0.27**	0.24	0.24	**0.61**	-0.33	0.40	**0.37**	-0.01	0.69	**0.65**	0.00	0.26	**0.47**	-0.10	0.19

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.26	0.69	0.37	0.65	0.49
Median Abs Dev	0.04	0.12	0.07	0.16	0.09
Avg Within Lab SD	0.02	0.04	0.02	0.06	0.03
Labs Included	26	27	26	27	27
Labs Reporting	27	27	27	27	27

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**0.11**	-0.27	1.69	**0.52**	0.09	0.27	**0.30**	0.26	0.11	**0.53**	0.28	0.08	**0.35**	0.13	0.05
46WTPJ	**0.12**	-0.08	0.00	**0.46**	-0.63	0.86	**0.23**	-1.05	0.16	**0.35**	-1.33	1.00	**0.28**	-1.08	0.78
4VNGB2	**0.12**	-0.02	0.09	**0.45**	-0.70	0.23	**0.26**	-0.62	0.06	**0.38**	-1.07	0.21	**0.28**	-1.04	0.20
6BH4CM	**0.20**	2.54	1.49	**0.50**	-0.12	0.49	**0.36**	1.35	0.27	**0.50**	0.00	0.58	**0.37**	0.38	0.78
8RURFX	**0.14**	0.67	1.20	**0.59**	0.93	0.79	**0.30**	0.28	0.10	**0.64**	1.34	1.02	**0.43**	1.43	0.91
AV4QLN	**0.12**	-0.08	0.00	**0.54**	0.31	0.86	**0.31**	0.40	0.27	**0.53**	0.27	0.29	**0.36**	0.22	0.00
BNN84A	**0.11**	-0.55	0.41	**0.46**	-0.63	0.58	**0.28**	-0.24	0.20	**0.47**	-0.22	1.04	**0.35**	0.00	2.25
GDK777	**0.14**	0.44	1.41	**0.55**	0.41	0.15	**0.32**	0.57	0.32	**0.51**	0.09	0.06	**0.35**	0.01	0.08
GN6AFQ	**0.10**	-0.63	0.00	**0.51**	-0.09	0.00	**0.28**	-0.22	0.00	**0.51**	0.16	0.00	**0.31**	-0.53	0.00
H3KUDP	**0.11**	-0.40	0.00	**0.49**	-0.32	1.31	**0.23**	-1.05	0.16	**0.49**	-0.09	0.29	**0.31**	-0.54	1.19
JWQEY2	**0.11**	-0.26	0.23	**0.45**	-0.72	0.30	**0.27**	-0.29	0.10	**0.41**	-0.78	0.38	**0.28**	-1.07	0.12
KJWKZD	**0.19**	2.31	2.29	**0.29**	-2.68	0.30	**0.20**	-1.65	0.75	**0.26**	-2.18	1.12	**0.28**	-1.06	2.66
KL9ZUE	**0.22**	3.14	2.32	**0.35**	-1.88	1.12	**0.26**	-0.46	0.15	**0.30**	-1.76	3.09	**0.27**	-1.27	0.76
MRLNKL	**0.12**	0.02	0.45	**0.52**	0.11	1.22	**0.30**	0.24	0.20	**0.52**	0.18	0.50	**0.36**	0.15	0.74
PWB7FF	**0.25**	4.29X	0.86	**0.46**	-0.59	1.31	**0.28**	-0.17	0.47	**0.36**	-1.24	1.00	**0.44**	1.58	1.63
RJWQJU	**0.12**	0.03	0.86	**0.54**	0.31	1.48	**0.31**	0.46	0.69	**0.53**	0.33	0.58	**0.35**	0.00	1.19
RQE2YG	**0.12**	-0.15	0.23	**0.53**	0.17	0.09	**0.30**	0.17	0.02	**0.51**	0.13	0.06	**0.34**	-0.06	0.05
TRJ9EE	**0.15**	0.96	0.69	**0.57**	0.67	1.38	**0.33**	0.69	0.03	**0.50**	0.01	0.08	**0.35**	0.04	0.16
TVHKBE	**0.11**	-0.40	1.34	**0.56**	0.56	0.60	**0.35**	1.14	0.61	**0.51**	0.10	0.90	**0.35**	0.11	1.50
V4AKZQ	**0.16**	1.34	0.86	**0.37**	-1.69	0.00	**0.24**	-0.93	0.00	**0.32**	-1.60	0.50	**0.32**	-0.48	0.45
VAX68C	**0.13**	0.36	0.56	**0.44**	-0.90	1.73	**0.26**	-0.49	0.17	**0.38**	-1.09	0.61	**0.29**	-0.86	0.76
VJ64ET	**0.16**	1.12	0.86	**0.64**	1.44	1.31	**0.42**	2.55	1.23	**0.61**	1.06	1.44	**0.42**	1.14	0.90
VNVEPR	**0.13**	0.27	0.28	**0.55**	0.37	0.82	**0.32**	0.54	0.08	**0.51**	0.12	0.36	**0.39**	0.73	0.16
XMD7EU	**0.11**	-0.48	0.37	**0.49**	-0.28	0.56	**0.36**	1.36	4.73	**0.49**	-0.08	0.88	**0.32**	-0.51	0.08
XVTM9P	**0.12**	0.03	0.86	**0.58**	0.82	1.78	**0.28**	-0.17	0.00	**0.63**	1.24	1.15	**0.44**	1.58	0.90
ZCPUG8	**0.10**	-0.61	0.45	**0.15**	-4.28X	1.88	**0.10**	-3.58X	0.46	**0.36**	-1.24	2.07	**0.22**	-2.14	1.00

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZZYXFA	**0.11**	-0.34	0.68	**0.52**	0.13	1.88	**0.28**	-0.20	0.20	**0.47**	-0.21	0.89	**0.34**	-0.06	0.66

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.12	0.51	0.29	0.50	0.35
Median Abs Dev	0.01	0.05	0.03	0.03	0.03
Avg Within Lab SD	0.01	0.01	0.04	0.02	0.01
Labs Included	26	26	26	27	27
Labs Reporting	27	27	27	27	27

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**5.54**	0.53	0.21	**7.17**	0.55	0.18	**6.03**	0.43	0.24	**4.95**	0.28	0.11	**8.03**	0.73	0.06
38LZ8V	**5.41**	-0.53	0.24	**7.10**	0.05	0.21	**5.89**	-0.71	0.14	**4.88**	-0.26	0.19	**7.88**	-0.12	0.11
3BLB4V	**5.53**	0.48	1.22	**7.20**	0.76	0.00	**6.00**	0.18		**5.10**	1.53	0.00	**8.03**	0.77	0.61
3PMHM7	**5.46**	-0.08	1.58	**7.11**	0.14	2.37	**6.06**	0.68	1.20	**5.06**	1.20	0.77	**7.85**	-0.31	0.74
3YVGTM	**5.39**	-0.66	0.36	**7.35**	1.80	0.48	**6.09**	0.93	0.48	**5.36**	3.64**X**	0.51	**7.86**	-0.25	0.16
43AEYN	**5.66**	1.48	0.56	**7.18**	0.62	0.18	**6.15**	1.46	0.50	**5.05**	1.10	0.40	**8.16**	1.50	0.11
4QFVKH	**5.37**	-0.85	1.22	**7.07**	-0.16	2.79	**5.93**	-0.38	4.98	**4.87**	-0.37	2.24	**7.93**	0.19	1.22
6BH4CM	**5.47**	-0.05	0.44	**7.01**	-0.58	0.38	**5.87**	-0.90	0.24	**4.89**	-0.15	0.11	**7.97**	0.38	0.22
6DZMWG	**5.48**	0.05	0.21	**7.09**	0.00	3.29	**6.04**	0.49	2.63	**4.94**	0.26	0.30	**7.86**	-0.25	0.26
6KNBRM	**5.57**	0.74	1.22	**7.07**	-0.16	1.05	**6.10**	1.01	0.00	**4.87**	-0.37	1.12	**7.97**	0.38	0.61
6MDEPZ	**5.70**	1.80	2.11	**6.83**	-1.78	1.05	**6.03**	0.46	1.38	**5.13**	1.80	1.12	**7.53**	-2.11	0.61
8RURFX	**5.61**	1.06	0.24	**6.82**	-1.87	0.32	**6.05**	0.57	0.14	**5.04**	1.04	0.19	**7.72**	-1.04	0.36
9DV6PW	**5.27**	-1.64	3.28	**6.88**	-1.48	0.59	**5.78**	-1.65	0.86	**4.86**	-0.39	1.94	**7.72**	-1.02	0.52
AGA2UX	**5.60**	1.00	0.00	**7.20**	0.76	0.00	**6.10**	1.01	0.00	**5.00**	0.72		**8.10**	1.15	0.00
AV4QLN	**5.23**	-1.96	0.32	**6.71**	-2.65	0.21	**5.73**	-2.04	0.37	**4.76**	-1.23	0.34	**7.46**	-2.51	0.06
AWYAPB	**5.42**	-0.42	0.42	**7.05**	-0.25	0.11	**5.91**	-0.60	0.60	**4.76**	-1.23	0.51	**7.86**	-0.25	0.26
BC9DQW	**5.45**	-0.16	0.12	**7.02**	-0.46	0.21	**5.98**	0.01	0.24	**4.95**	0.34	0.11	**7.86**	-0.25	0.16
BD4XFG	**5.48**	0.03	0.44	**7.14**	0.35	0.63	**5.94**	-0.29	0.37	**4.97**	0.50	0.22	**8.05**	0.86	0.21
BHZM2U	**5.55**	0.63	0.24	**7.19**	0.72	0.28	**6.04**	0.54	0.50	**4.77**	-1.18	0.49	**7.94**	0.21	0.26
BNN84A	**5.41**	-0.48	0.44	**7.05**	-0.30	0.21	**5.88**	-0.82	0.41	**4.88**	-0.28	0.49	**7.90**	0.02	0.26
BNN87V	**5.49**	0.13	0.60	**7.04**	-0.33	0.73	**5.97**	-0.09	1.12	**5.04**	1.06	0.68	**7.78**	-0.69	0.35
DU6KV9	**5.67**	1.53	1.22	**7.27**	1.22	1.05	**6.23**	2.13	1.38	**5.13**	1.80	1.12	**8.27**	2.11	0.61
EDCEZJ	**5.31**	-1.33	0.40	**7.05**	-0.28	0.73	**5.84**	-1.13	0.10	**4.92**	0.09	0.44	**7.87**	-0.19	0.27
ELRQHQ	**5.59**	0.93	0.00	**7.13**	0.28	0.00	**6.08**	0.85	0.00	**4.91**	-0.01	0.00	**8.00**	0.58	
EUL3DK	**5.57**	0.74	1.22	**7.13**	0.30	1.05	**6.07**	0.74	1.38	**4.97**	0.45	1.12	**7.80**	-0.58	1.05
FJVWXR	**5.24**	-1.88	0.24	**6.69**	-2.75	0.38	**5.75**	-1.90	0.86	**4.74**	-1.37	0.97	**7.57**	-1.90	0.28

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GN6AFQ	**5.44**	-0.24	0.12	**7.16**	0.48	1.02	**6.04**	0.51	0.41	**4.89**	-0.15	0.30	**7.92**	0.10	0.30
H3KUDP	**5.47**	-0.03	0.63	**7.18**	0.62	0.66	**6.03**	0.43	0.72	**4.87**	-0.31	0.68	**7.91**	0.04	0.44
JM3JZL	**5.49**	0.16	0.32	**7.24**	1.04	0.36	**6.09**	0.93	0.48	**4.97**	0.47	1.21	**8.00**	0.59	0.22
JM4JX2	**5.50**	0.24	0.53	**6.96**	-0.90	1.28	**5.99**	0.13	0.84	**5.03**	0.93	0.78	**7.72**	-1.04	0.95
K9KXD8	**5.57**	0.74	1.22	**5.59**	-10.36X	6.36	**5.87**	-0.93	1.38	**5.03**	0.99	1.12	**8.27**	2.11	0.61
KL9ZUE	**5.44**	-0.26	0.96	**7.08**	-0.09	0.59	**5.96**	-0.13	0.84	**4.91**	0.01	1.76	**7.94**	0.23	0.21
KLAVF6	**6.09**	4.89X	0.21	**7.02**	-0.48	0.18	**6.32**	2.85X	0.24	**6.38**	11.89X	0.30	**7.94**	0.23	0.11
LME3V4	**5.41**	-0.48	1.94	**7.04**	-0.32	0.90	**5.98**	0.01	0.72	**5.06**	1.20	0.58	**7.82**	-0.48	2.08
LPG3VZ	**5.47**	-0.05	1.22	**7.10**	0.07	0.00	**5.90**	-0.65	0.00	**4.90**	-0.09	0.00	**8.00**	0.58	
LR7ADC	**5.43**	-0.32	1.22	**7.20**	0.76	0.00	**5.97**	-0.10	1.38	**4.80**	-0.91	0.00	**8.03**	0.77	0.61
MKM4G6	**5.29**	-1.48	1.08	**7.06**	-0.18	0.90	**5.90**	-0.65	0.86	**4.87**	-0.34	1.21	**7.90**	-0.02	0.70
MRLNKL	**5.39**	-0.63	2.37	**6.97**	-0.85	3.39	**5.91**	-0.60	1.00	**4.90**	-0.07	0.68	**7.83**	-0.38	1.16
NLRBW3	**5.44**	-0.26	0.00	**7.14**	0.32	0.11	**5.98**	-0.01	0.14	**4.96**	0.37	0.11	**7.87**	-0.17	0.11
PNECFW	**5.47**	-0.05	1.04	**7.23**	0.97	0.32	**6.08**	0.85	0.24	**4.97**	0.47	1.02	**7.94**	0.23	0.53
PWB7FF	**5.50**	0.21		**7.10**	0.07	0.00	**6.00**	0.18		**4.90**	-0.09	0.00	**8.00**	0.58	
Q2XFZX	**5.46**	-0.11	0.42	**7.09**	0.02	0.11	**5.96**	-0.15	0.41	**4.97**	0.50	0.40	**7.97**	0.42	0.16
R39FU7	**5.58**	0.87	0.44	**7.22**	0.90	0.18	**6.04**	0.49	0.14	**5.50**	4.75X	0.73	**7.99**	0.54	0.06
R44XYT	**5.23**	-1.93	0.21	**7.07**	-0.14	0.18	**6.00**	0.15	0.14	**4.90**	-0.07	0.11	**7.87**	-0.17	0.11
R44YZE	**5.58**	0.85	0.00	**7.11**	0.16	0.28	**6.09**	0.96	0.14	**5.07**	1.31	0.49	**7.87**	-0.17	0.11
RJWQJU	**5.49**	0.16	2.27	**7.21**	0.83	0.00	**6.05**	0.63	0.28	**5.09**	1.47	4.84	**7.81**	-0.54	1.41
RMXUBG	**5.50**	0.21		**7.00**	-0.62		**5.93**	-0.38	1.38	**5.00**	0.72		**7.90**	0.00	0.00
RQE2YG	**5.53**	0.48	0.12	**7.15**	0.42	0.18	**5.96**	-0.18	0.14	**4.91**	-0.04	0.11	**8.05**	0.86	0.32
TRJ9EE	**5.40**	-0.58	0.63	**7.09**	0.00	0.18	**5.91**	-0.60	0.14	**4.88**	-0.26	0.19	**7.86**	-0.25	0.06
TVHKBE	**5.28**	-1.53	0.76	**6.82**	-1.87	0.66	**5.81**	-1.43	0.50	**4.74**	-1.39	0.77	**7.60**	-1.75	0.16
U8C2ZF	**5.32**	-1.22	0.63	**6.84**	-1.71	1.84	**5.85**	-1.04	0.73	**4.86**	-0.45	0.56	**7.50**	-2.30	4.47
UR3CME	**5.37**	-0.85	0.61	**6.92**	-1.20	1.29	**5.91**	-0.60	0.50	**4.88**	-0.26	0.19	**7.82**	-0.46	1.83

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
VF6TKE	**5.55**	0.63	0.12	**7.19**	0.72	0.38	**6.05**	0.63	0.14	**4.91**	-0.01	0.70	**8.01**	0.65	0.43
VJ64ET	**5.50**	0.19	0.64	**6.64**	-3.14X	2.91	**5.95**	-0.21	0.37	**5.18**	2.18	0.34	**7.68**	-1.27	3.88
VZC2ZD	**5.52**	0.34	0.74	**7.01**	-0.55	0.97	**5.89**	-0.71	0.28	**4.88**	-0.28	0.49	**7.96**	0.33	0.72
XMD7EU	**5.48**	0.08	0.32	**7.09**	-0.02	0.28	**6.09**	0.96	0.14	**5.06**	1.23	0.56	**7.88**	-0.13	0.12
YUDNNZ	**5.59**	0.90	0.74	**7.13**	0.25	0.46	**6.05**	0.63	0.55	**4.99**	0.66	0.30	**7.99**	0.50	0.26
ZCPUG8	**5.26**	-1.67	0.64	**6.94**	-1.04	0.32	**5.86**	-0.99	0.48	**4.75**	-1.31	0.51	**7.76**	-0.83	0.64
ZXMHL9	**5.50**	0.21	1.28	**7.12**	0.23	0.76	**5.94**	-0.29	0.37	**4.88**	-0.23	0.30	**8.03**	0.75	0.28

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	5.47	7.09	5.98	4.91	7.90
Median Abs Dev	0.07	0.07	0.07	0.06	0.09
Avg Within Lab SD	0.05	0.05	0.04	0.05	0.10
Labs Included	58	57	58	56	59
Labs Reporting	59	59	59	59	59

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46WTPJ	**5.58**	0.03	0.18	**7.28**	0.95	0.00	**6.11**	0.53	0.17	**5.11**	0.45	0.22	**8.28**	0.84	0.14
6BH4CM	**5.58**	0.01	0.27	**7.12**	-0.04	0.19	**6.03**	-0.17	0.10	**5.00**	-0.33	0.22	**8.16**	0.36	0.12
AV4QLN	**5.24**	-1.75	0.37	**6.55**	-3.48	2.05	**5.78**	-2.28	2.26	**4.91**	-0.95	0.63	**7.47**	-2.49	0.12
BC9DQW	**5.56**	-0.06	0.10	**7.13**	0.06	0.14	**6.10**	0.45	0.17	**5.07**	0.19	0.13	**7.98**	-0.40	0.14
BNN84A	**5.48**	-0.52	0.41	**6.99**	-0.79	0.75	**5.99**	-0.51	0.25	**5.05**	0.02	0.44	**8.09**	0.05	0.56
EDCALB	**5.17**	-2.12	0.79	**7.07**	-0.32	1.05	**6.04**	-0.03	2.62	**5.22**	1.21	0.91	**7.86**	-0.89	0.58
JWQEY2	**5.73**	0.84	2.03	**6.40**	-4.39X	1.23	**6.20**	1.30	0.00	**5.13**	0.62	1.26	**8.03**	-0.16	0.68
KJWKZD	**5.12**	-2.39	2.42	**6.92**	-1.25	0.45	**5.87**	-1.52	1.01	**5.53**	3.47	2.98	**7.86**	-0.90	0.37
KL9ZUE	**5.57**	-0.01	0.27	**7.19**	0.40	0.25	**6.06**	0.14	0.34	**5.03**	-0.10	1.12	**8.12**	0.19	0.20
MRLNKL	**5.54**	-0.19	2.32	**7.09**	-0.20	1.84	**6.04**	-0.08	1.39	**5.01**	-0.29	1.08	**8.07**	0.00	2.12
NPRLT3	**5.57**	-0.03	0.46	**7.16**	0.20	0.68	**6.03**	-0.11	0.51	**5.15**	0.76	1.10	**8.18**	0.45	0.90
R83AWE	**5.64**	0.35	1.43	**7.20**	0.47	1.18	**6.09**	0.39	0.69	**5.04**	-0.02	1.16	**8.06**	-0.04	0.99
TRJ9EE	**5.64**	0.34	0.18	**7.14**	0.12	0.19	**6.00**	-0.37	0.10	**5.03**	-0.12	0.79	**8.04**	-0.14	0.12
TVHKBE	**5.34**	-1.23	0.83	**6.82**	-1.86	0.40	**5.82**	-1.89	0.97	**4.78**	-1.88	0.33	**7.64**	-1.77	0.18
V4AKZQ	**5.74**	0.86	0.44	**7.18**	0.34	0.54	**6.28**	1.94	1.66	**5.06**	0.12	0.33	**8.24**	0.67	0.38
VAX68C	**7.40**	9.65X	1.76	**7.63**	3.10X	2.85	**7.40**	11.43X	3.31	**6.73**	12.02X	3.35	**8.30**	0.93	3.54
VJ64ET	**5.76**	0.98	0.35	**6.91**	-1.28	2.39	**6.13**	0.73	0.51	**5.20**	1.07	0.99	**8.22**	0.62	0.49
VNVEPR	**5.67**	0.52	0.27	**7.15**	0.18	0.19	**6.10**	0.42	0.25	**5.17**	0.88	0.38	**7.70**	-1.55	0.07
VZC2ZD	**5.66**	0.47	0.37	**7.12**	0.00	0.68	**6.05**	0.03	0.17	**5.03**	-0.12	0.22	**8.20**	0.52	0.59
ZC9XP8	**5.62**	0.24	0.18	**7.14**	0.10	0.12	**6.04**	-0.08	0.19	**5.01**	-0.29	0.46	**8.13**	0.25	0.14
ZZYXFA	**5.47**	-0.57	0.10	**7.00**	-0.75	0.93	**6.11**	0.51	0.10	**4.96**	-0.62	0.88	**7.85**	-0.93	0.25

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	5.58	7.12	6.05	5.05	8.07
Median Abs Dev	0.09	0.06	0.05	0.06	0.13
Avg Within Lab SD	0.06	0.08	0.06	0.05	0.08
Labs Included	20	19	20	20	21
Labs Reporting	21	21	21	21	21

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**4.96**	0.69	0.00	**6.92**	0.56	0.39	**5.60**	0.00	0.00	**4.74**	0.10	0.00	**7.59**	0.48	0.00
4VNGB2	**4.90**	-0.04	1.57	**6.40**	-4.30X	1.82	**5.56**	-0.75	1.26	**4.70**	-0.35	2.54	**7.39**	-1.36	1.80
AV4QLN	**5.33**	4.91X	0.19	**6.74**	-1.06	2.54	**5.85**	4.75X	1.45	**4.86**	1.55	0.88	**7.59**	0.52	1.09
BC9DQW	**4.86**	-0.50	0.19	**6.81**	-0.40	0.30	**5.52**	-1.56	0.73	**4.66**	-0.85	0.18	**7.58**	0.39	0.00
BHZM2U	**5.00**	1.19	0.19	**6.98**	1.12	0.39	**5.64**	0.69	0.36	**4.74**	0.14	0.18	**7.61**	0.67	0.72
H3KUDP	**4.95**	0.61	2.03	**6.87**	0.16	0.39	**5.60**	0.00	1.88	**4.66**	-0.93	0.63	**7.46**	-0.77	1.80
JM3JZL	**5.12**	2.49	0.51	**7.12**	2.43	0.15	**5.82**	4.06	0.96	**4.92**	2.38	0.76	**7.73**	1.83	1.26
JM4JX2	**5.01**	1.23	0.51	**6.75**	-1.00	1.44	**5.63**	0.56	0.63	**4.82**	1.10	0.30	**7.39**	-1.39	1.29
KL9ZUE	**4.90**	-0.04	1.35	**6.85**	-0.09	0.39	**5.56**	-0.69	1.45	**4.71**	-0.31	1.43	**7.48**	-0.52	0.75
LPG3VZ	**4.90**	0.00	0.00	**6.87**	0.09	1.49	**5.60**	0.00	0.00	**4.77**	0.43	1.75	**7.60**	0.58	0.00
LR7ADC	**4.77**	-1.53	1.92	**6.90**	0.40	0.00	**5.60**	0.00	0.00	**4.70**	-0.39	0.00	**7.60**	0.58	0.00
MKM4G6	**4.86**	-0.42	0.19	**6.85**	-0.03	0.79	**5.54**	-1.19	0.36	**4.68**	-0.64	0.30	**7.53**	-0.05	1.45
R44XYT	**4.89**	-0.15	0.19	**6.91**	0.47	0.15	**5.61**	0.12	0.36	**4.76**	0.39	0.18	**7.44**	-0.92	0.36
TVHKBE	**4.87**	-0.31	0.84	**6.68**	-1.62	0.79	**5.62**	0.31	1.58	**4.79**	0.76	0.76	**7.53**	-0.05	0.55
XMD7EU	**4.94**	0.50	0.69	**6.78**	-0.68	1.30	**5.59**	-0.12	0.73	**4.70**	-0.35	1.15	**7.47**	-0.64	1.07
XVTM9P	**4.94**	0.42	1.02	**6.86**	0.00	0.75	**5.60**	0.06	1.58	**4.72**	-0.10	0.70	**7.54**	0.05	0.55

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	4.90	6.86	5.60	4.73	7.54
Median Abs Dev	0.04	0.05	0.02	0.03	0.06
Avg Within Lab SD	0.03	0.04	0.02	0.03	0.03
Labs Included	15	15	15	16	16
Labs Reporting	16	16	16	16	16

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**4.45**	-2.56	0.17	**6.60**	-0.46	0.56	**5.22**	-2.58	0.69	**4.42**	-1.72	0.22	**7.16**	-1.33	0.35
46WTPJ	**4.92**	0.15	0.00	**6.94**	1.01	0.00	**5.59**	0.28	0.00	**4.77**	0.26	0.05	**7.65**	0.79	0.00
4QFVKH	**4.90**	0.04	3.38	**6.57**	-0.62	1.00	**5.47**	-0.67	2.00	**4.80**	0.45	1.41	**7.30**	-0.73	1.70
AV4QLN	**4.78**	-0.67	0.37	**6.44**	-1.19	0.50	**5.43**	-0.98	0.72	**4.52**	-1.17	0.17	**7.12**	-1.52	0.17
BD4XFG	**4.94**	0.29	0.15	**6.88**	0.75	0.30	**5.61**	0.41	0.40	**4.80**	0.45	0.08	**7.62**	0.66	0.29
BNN84A	**4.84**	-0.29	0.15	**6.91**	0.87	0.26	**5.53**	-0.15	0.20	**4.71**	-0.09	0.05	**7.62**	0.66	0.59
EDCALB	**4.60**	-1.69	0.52	**6.62**	-0.39	1.05	**5.41**	-1.14	2.23	**4.65**	-0.43	0.45	**7.40**	-0.28	1.43
LME3V4	**4.49**	-2.35	0.55	**6.53**	-0.79	0.72	**5.22**	-2.58	0.92	**4.47**	-1.45	0.46	**7.30**	-0.73	1.53
MRLNKL	**4.89**	-0.04	0.11	**6.72**	0.07	2.75	**5.57**	0.10	0.87	**4.74**	0.09	0.25	**7.47**	0.01	1.48
RQE2YG	**4.91**	0.08	0.06	**6.89**	0.79	0.17	**5.57**	0.15	0.72	**4.78**	0.33	0.16	**7.58**	0.50	0.20
TRJ9EE	**4.90**	0.04	0.10	**6.87**	0.72	0.26	**5.55**	0.00	0.53	**4.69**	-0.18	0.08	**7.47**	-0.01	0.10
TVHKBE	**4.88**	-0.10	0.15	**6.69**	-0.07	0.56	**5.56**	0.08	0.87	**4.90**	1.00	0.37	**7.59**	0.55	0.26
U8C2ZF	**5.03**	0.77	1.21	**6.44**	-1.19	1.04	**5.59**	0.31	0.80	**4.82**	0.58	0.09	**7.20**	-1.16	1.70
VZC2ZD	**4.96**	0.38	0.54	**6.83**	0.55	1.27	**5.55**	0.00	0.20	**4.50**	-1.28	3.36	**7.58**	0.50	0.97

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	4.89	6.71	5.55	4.72	7.47
Median Abs Dev	0.05	0.17	0.04	0.08	0.15
Avg Within Lab SD	0.10	0.06	0.03	0.12	0.06
Labs Included	14	14	14	14	14
Labs Reporting	14	14	14	14	14

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
R83AWE	**0.06**		1.18	**0.23**		1.22	**0.14**		1.14	**0.21**		1.10	**0.16**		1.18
ZZYXFA	**0.05**		0.78	**0.23**		0.71	**0.13**		0.84	**0.20**		0.89	**0.18**		0.78

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.055	0.23	0.13	0.20	0.17
Median Abs Dev					
Avg Within Lab SD	0.003	0.01	0.01	0.01	0.01
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QFVKH	**6.13**	-1.39	1.87	**6.97**	-1.93	2.52	**5.73**	-0.53	2.29	**6.80**	-1.40	2.37	**7.20**	-2.01	1.87
AV4QLN	**6.11**	-1.50	0.42	**7.03**	-1.41	0.50	**5.65**	-0.86	0.52	**6.89**	-0.66	0.63	**7.40**	-0.50	0.88
H3KUDP	**6.47**	0.59	0.18	**7.16**	-0.36	0.25	**6.05**	0.77	0.11	**6.97**	0.00	0.14	**7.36**	-0.80	0.11
NPRLT3	**6.53**	0.96	0.52	**7.29**	0.75	0.29	**6.31**	1.82	1.11	**6.95**	-0.16	0.96	**7.47**	0.00	1.14
RQE2YG	**6.33**	-0.23	0.00	**7.20**	0.00	0.00	**5.82**	-0.18	0.00	**7.02**	0.38	0.08	**7.50**	0.22	
UX4Q7V	**6.38**	0.04	0.14	**7.20**	0.00	0.44	**5.86**	0.00	0.28	**7.11**	1.15	0.00	**7.58**	0.84	0.29
YUDNNZ	**6.37**	0.00	1.74	**7.23**	0.28	0.25	**6.00**	0.56	0.44	**7.09**	0.96	0.21	**7.52**	0.35	0.57

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	6.37	7.20	5.86	6.97	7.47
Median Abs Dev	0.10	0.04	0.14	0.08	0.07
Avg Within Lab SD	0.11	0.06	0.09	0.07	0.05
Labs Included	7	7	7	7	7
Labs Reporting	7	7	7	7	7

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**6.93**	4.91X	1.36	**7.37**	1.14	2.50	**6.17**	-0.03	1.23	**7.23**	1.18	1.76	**7.57**	0.57	2.10
3YVGTM	**6.42**	-0.85	1.92	**7.27**	-0.24	0.75	**6.13**	-0.48	0.56	**7.06**	-0.74	0.80	**7.46**	-0.83	0.63
6BH4CM	**6.53**	0.45	0.14	**7.35**	0.90	0.00	**6.19**	0.25	0.43	**7.21**	0.96	0.70	**7.57**	0.65	0.84
6DZMWG	**6.61**	1.30	0.62	**7.41**	1.81	1.75	**6.24**	0.82	3.71	**7.31**	2.07	0.46	**7.86**	4.35X	0.92
6KNBRM	**6.41**	-0.89	0.76	**7.29**	0.00	0.25	**6.17**	-0.03	0.12	**7.04**	-0.96	0.30	**7.49**	-0.48	0.56
6MDEPZ	**6.57**	0.82	1.36	**7.33**	0.67	2.50	**6.27**	1.19	1.23	**7.20**	0.81	0.00	**7.60**	1.00	0.00
AGA2UX	**6.50**	0.07		**7.30**	0.19	0.00	**6.20**	0.37	0.00	**7.10**	-0.30	0.00	**7.50**	-0.30	
BC9DQW	**6.51**	0.22	0.14	**7.25**	-0.48	0.25	**6.10**	-0.84	0.21	**7.13**	0.07	0.18	**7.47**	-0.74	0.21
BD4XFG	**6.50**	0.04	0.36	**7.35**	0.95	0.25	**6.20**	0.33	0.12	**7.18**	0.63	0.46	**7.60**	1.00	0.73
BHZM2U	**6.50**	0.07	0.94	**7.37**	1.24	0.25	**6.19**	0.21	0.12	**7.14**	0.11	0.77	**7.54**	0.26	0.42
BNN87V	**6.52**	0.32	1.00	**7.28**	-0.08	0.91	**6.17**	0.03	0.68	**7.16**	0.36	0.56	**7.53**	0.13	0.51
DU6KV9	**6.43**	-0.67	1.36	**7.30**	0.19	0.00	**6.80**	7.68X	0.00	**6.13**	-11.02X	1.76	**7.63**	1.43	2.10
EUL3DK	**6.43**	-0.67	1.36	**7.10**	-2.67X	0.00	**6.27**	1.19	1.23	**6.93**	-2.14	1.76	**7.33**	-2.48	2.10
GN6AFQ	**6.52**	0.30	0.47	**7.34**	0.71	0.25	**6.15**	-0.28	0.25	**7.17**	0.52	0.46	**7.53**	0.13	0.21
H3KUDP	**6.53**	0.37	0.27	**7.15**	-1.91	0.66	**6.12**	-0.64	0.33	**7.04**	-0.92	0.77	**7.37**	-2.00	1.46
KL9ZUE	**6.44**	-0.63	1.30	**7.20**	-1.24	1.30	**6.18**	0.13	1.13	**7.06**	-0.74	1.33	**7.44**	-1.13	0.76
KLAVF6	**6.91**	4.65X	0.24				**6.62**	5.49X	0.21						
LME3V4	**6.48**	-0.11	1.66				**6.17**	-0.03	0.33	**7.15**	0.22	1.27			
MKM4G6	**6.31**	-2.01	1.06	**7.27**	-0.29	1.32	**6.28**	1.35	0.77	**7.20**	0.81	0.80	**7.55**	0.35	0.96
N9TAJ2	**6.55**	0.67	0.27	**7.32**	0.52	0.66	**6.10**	-0.80	0.25	**7.18**	0.55	0.35	**7.54**	0.22	0.00
NLRBW3	**6.45**	-0.48	0.41	**7.27**	-0.19	0.25	**6.13**	-0.52	0.25	**7.10**	-0.33	0.18	**7.49**	-0.48	0.21
PNECFW	**6.47**	-0.26	0.82	**7.28**	-0.10	0.75	**6.22**	0.58	0.89	**7.08**	-0.55	1.07	**7.51**	-0.17	1.31
VF6TKE	**6.49**	-0.04	0.82	**7.32**	0.52	0.66	**6.18**	0.13	0.56	**7.12**	-0.11	0.88	**7.49**	-0.43	0.36
XMD7EU	**6.61**	1.34	1.80	**7.24**	-0.71	0.25	**6.14**	-0.40	0.86	**7.10**	-0.26	2.83	**7.47**	-0.70	0.63
ZCPUG8	**6.40**	-1.00	0.14	**7.25**	-0.48	0.50	**6.00**	-2.10	0.75	**7.12**	-0.07	0.61	**7.52**	0.00	0.42
ZXMHL9	**6.26**	-2.60	0.24	**7.22**	-0.95	0.00	**5.89**	-3.44	0.12	**7.06**	-0.74	0.00	**7.53**	0.04	0.42

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	6.49	7.29	6.17	7.13	7.52
Median Abs Dev	0.05	0.04	0.04	0.05	0.04
Avg Within Lab SD	0.04	0.02	0.05	0.03	0.03
Labs Included	24	23	24	24	23
Labs Reporting	26	24	26	25	24

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**7.27**	-2.25	0.65	**7.70**	0.00	0.00	**6.89**	-1.21	0.58	**7.73**	-0.18	0.20	**7.85**	-0.35	0.00
6KNBRM	**7.30**	0.00	0.00	**7.77**	1.14	1.53	**7.17**	1.46	1.62	**7.77**	0.73	2.01	**7.90**	0.98	0.00
8RURFX	**7.30**	0.00	0.56	**7.63**	-1.20	0.27	**7.07**	0.54	0.28	**7.73**	-0.18	0.53	**7.82**	-1.24	0.75
GN6AFQ	**7.31**	0.67	2.04	**7.66**	-0.74	0.41	**7.01**	0.00	0.43	**7.74**	0.00	0.35	**7.86**	0.00	0.75
XMD7EU	**7.29**	-0.45	0.33	**7.72**	0.29	1.55	**7.00**	-0.16	1.33	**7.82**	2.28	0.72	**7.89**	0.80	1.97

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	7.30	7.70	7.01	7.74	7.86
Median Abs Dev	0.01	0.04	0.06	0.01	0.03
Avg Within Lab SD	0.02	0.04	0.04	0.03	0.01
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**

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43AEYN	**6.59**	1.25	1.04	**7.16**	1.89	0.21	**6.26**	1.18	0.20	**6.88**	0.28	0.08	**7.28**	2.91	0.21
BC9DQW	**6.42**	0.27	0.20	**7.06**	0.62	0.37	**6.00**	-0.36	0.34	**6.84**	0.00	0.05	**7.13**	0.29	0.42
BHZM2U	**6.35**	-0.10	0.52	**6.95**	-0.70	0.57	**6.06**	0.00	0.34	**6.95**	0.75	0.02	**7.12**	0.00	0.21
JM4JX2	**6.29**	-0.44	0.71	**7.06**	0.57	0.94	**5.93**	-0.76	0.85	**6.78**	-0.37	0.12	**7.13**	0.23	0.72
KL9ZUE	**6.06**	-1.81	0.86	**6.94**	-0.90	1.31	**5.82**	-1.42	0.52	**6.68**	-1.03	0.10	**7.12**	0.00	0.83
MKM4G6	**6.37**	0.00	2.08	**7.01**	-0.04	0.21	**6.21**	0.88	2.37	**6.77**	-0.41	0.21	**7.08**	-0.70	0.55
XMD7EU	**6.52**	0.85	0.20	**7.01**	0.00	1.97	**6.08**	0.12	0.34	**7.13**	1.88	2.63	**7.08**	-0.58	2.29

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	6.37	7.01	6.06	6.84	7.12
Median Abs Dev	0.08	0.05	0.13	0.06	0.02
Avg Within Lab SD	0.03	0.03	0.03	0.24	0.03
Labs Included	7	7	7	7	7
Labs Reporting	7	7	7	7	7

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RJWQJU	**5.95**		0.40				**5.80**		1.25	**6.34**		0.29			
XVTM9P	**6.05**		1.36	**6.61**		1.00	**5.97**		0.66	**6.41**		1.38	**6.71**		1.00

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	6.00	6.61	5.88	6.38	6.71
Median Abs Dev					
Avg Within Lab SD	0.05	0.03	0.06	0.03	0.03
Labs Included	2	1	2	2	1
Labs Reporting	2	1	2	2	1

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**16.4**	0.54	0.19	**116.5**	1.83	0.53	**41.5**	1.71	0.49	**131.3**	1.65	0.74	**42.8**	0.71	0.51
3BLB4V	**13.7**	-0.84	0.72	**85.8**	-0.95	0.66	**29.8**	-0.61	0.30	**115.0**	0.36	0.36	**40.2**	0.08	1.18
43AEYN	**15.5**	0.05	0.31	**100.5**	0.38	0.20	**32.8**	-0.01	0.03	**127.2**	1.33	0.34	**42.9**	0.74	0.37
4QFVKH	**12.2**	-1.59	2.24	**89.2**	-0.64	1.28	**33.6**	0.14	1.01	**94.1**	-1.30	2.28	**38.0**	-0.45	0.42
4VNGB2	**27.9**	6.26X	1.85	**84.6**	-1.06	0.15	**25.5**	-1.46	0.83	**93.2**	-1.37	0.42	**33.5**	-1.54	1.04
6BH4CM	**14.7**	-0.34	0.72	**83.0**	-1.21	0.40	**27.3**	-1.10	0.30	**107.7**	-0.23	0.10	**37.0**	-0.69	0.83
6DZMWG	**12.6**	-1.38	0.17	**77.6**	-1.70	0.19	**30.3**	-0.52	0.49	**94.4**	-1.28	0.43	**31.9**	-1.92	1.76
6KNBRM	**14.5**	-0.43	1.24	**76.0**	-1.84	0.83	**28.7**	-0.84	0.79	**94.7**	-1.26	0.75	**42.0**	0.52	0.96
6MDEPZ	**15.1**	-0.15	0.79	**93.7**	-0.24	0.17	**31.1**	-0.35	0.49	**110.5**	0.00	0.62	**40.2**	0.08	0.96
8RURFX	**13.5**	-0.92	0.47	**89.3**	-0.63	0.94	**28.9**	-0.78	0.58	**108.9**	-0.13	0.48	**38.2**	-0.40	1.29
9DV6PW	**19.7**	2.15	1.90	**113.7**	1.58	3.43	**46.7**	2.74X	2.95	**136.0**	2.02	1.09	**49.5**	2.32	2.37
AV4QLN	**16.3**	0.45	1.32	**93.4**	-0.26	1.29	**35.6**	0.53	1.46	**100.6**	-0.78	1.28	**35.4**	-1.08	1.09
BC9DQW	**14.6**	-0.40	0.07	**88.7**	-0.69	0.02	**29.3**	-0.72	0.04	**105.7**	-0.38	0.13	**36.4**	-0.84	0.17
BD4XFG	**15.2**	-0.05	0.66	**98.4**	0.19	0.60	**35.9**	0.59	0.11	**112.7**	0.17	0.53	**39.7**	-0.04	0.13
CWCHTV	**14.7**	-0.33		**98.4**	0.19		**34.7**	0.36		**111.3**	0.06		**39.9**	0.01	
DU6KV9	**18.6**	1.64	1.32	**99.3**	0.28	0.12	**32.8**	-0.01	0.16	**136.1**	2.03	0.78	**46.1**	1.50	0.74
EDCALB	**16.3**	0.48		**99.3**	0.27		**34.1**	0.24		**106.0**	-0.36		**41.4**	0.37	
EDCEZJ	**15.0**	-0.18		**108.7**	1.12	0.48	**39.3**	1.28	0.30	**128.7**	1.44	0.37	**40.7**	0.20	0.28
ELRQHQ	**14.9**	-0.23	0.00	**99.3**	0.27	0.00	**34.8**	0.38	0.00	**110.5**	0.00		**40.2**	0.08	0.00
GN6AFQ	**13.6**	-0.87	0.44	**80.5**	-1.44	0.21	**25.5**	-1.46	0.11	**92.2**	-1.46	0.26	**33.3**	-1.58	0.35
H3KUDP	**17.1**	0.85	0.62	**100.5**	0.38	0.64	**38.7**	1.15	0.27	**111.7**	0.09	0.33	**40.8**	0.23	0.48
JM4JX2	**12.6**	-1.39	1.25	**93.3**	-0.28	1.38	**32.9**	0.01	1.48	**105.1**	-0.43	1.18	**44.3**	1.08	1.24
K9KXD8	**12.9**	-1.21	0.47	**87.4**	-0.81	0.24	**31.9**	-0.20	0.21	**105.7**	-0.38	0.61	**34.8**	-1.22	0.39
KL9ZUE	**16.2**	0.43	0.73	**80.5**	-1.43	2.60	**34.2**	0.26	0.31	**105.2**	-0.43	3.83	**40.2**	0.09	0.58
LME3V4	**16.1**	0.37	0.66	**96.8**	0.05	0.98	**30.3**	-0.51	0.16	**119.6**	0.72	0.69	**42.2**	0.57	1.83
MKM4G6	**16.9**	0.75	0.56	**94.0**	-0.21	0.16	**34.1**	0.25	3.67	**115.3**	0.38	1.84	**39.7**	-0.04	1.88

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MRLNKL	**13.6**	-0.88	0.87	**90.1**	-0.56	0.48	**32.1**	-0.15	0.35	**109.3**	-0.09	0.58	**36.8**	-0.74	0.22
NLRBW3	**15.0**	-0.20	0.50	**87.7**	-0.78	0.27	**29.7**	-0.64	0.18	**105.9**	-0.37	0.24	**38.6**	-0.31	0.39
NPRLT3	**14.3**	-0.51	0.72	**84.7**	-1.06	0.80	**30.3**	-0.51	0.79	**141.0**	2.42	0.48	**51.7**	2.84X	0.55
PNECFW	**16.4**	0.50	0.85	**90.8**	-0.50	0.88	**33.1**	0.03	0.55	**125.3**	1.17	1.63	**43.7**	0.93	0.84
PWB7FF	**13.3**	-1.01	1.90	**102.3**	0.55	0.58	**31.0**	-0.37	0.52	**110.3**	-0.01	0.63	**36.7**	-0.77	1.00
R83AWE	**16.7**	0.67	2.35	**96.6**	0.02	2.78	**27.1**	-1.14	3.86	**202.9**	7.34X	1.46	**32.4**	-1.80	2.83
RMXUBG	**15.5**	0.05	0.29	**96.3**	0.00	0.14	**34.6**	0.35	0.31	**108.8**	-0.14	0.14	**38.2**	-0.40	0.36
RQE2YG	**15.7**	0.17	0.00	**99.7**	0.31	0.12	**36.9**	0.80	0.03	**114.3**	0.30	0.10	**39.8**	-0.01	0.17
UR3CME	**16.8**	0.71	0.26	**104.0**	0.70	0.33	**38.5**	1.12	0.29	**118.4**	0.63	0.53	**41.3**	0.34	0.23
UX4Q7V	**16.0**	0.34	0.81	**94.1**	-0.20	0.16	**32.8**	-0.02	0.14	**114.9**	0.35	0.21	**37.0**	-0.68	0.22
V4AKZQ	**13.9**	-0.71	0.53	**96.4**	0.01	0.31	**35.7**	0.55	0.07	**107.4**	-0.25	0.09	**37.8**	-0.50	0.22
VAX68C	**16.7**	0.65	0.72	**97.3**	0.09	0.70	**38.3**	1.08	0.79	**110.0**	-0.04		**41.7**	0.44	0.73
VF6TKE	**13.0**	-1.19	0.26	**84.2**	-1.10	0.49	**29.7**	-0.63	0.65	**106.0**	-0.36	0.64	**37.7**	-0.53	0.56
VNVEPR	**16.3**	0.48	0.25	**101.3**	0.45	0.41	**37.1**	0.84	0.22	**116.5**	0.47	0.39	**41.3**	0.36	0.12
WL9YXV	**14.4**	-0.47	2.34	**78.6**	-1.61	1.58	**25.1**	-1.55	1.52	**100.8**	-0.77	0.42	**35.2**	-1.13	1.26
XMD7EU	**16.5**	0.59	0.43	**99.8**	0.32	0.35	**36.5**	0.71	0.11	**112.4**	0.15	0.73	**41.2**	0.34	1.09
YUDNNZ	**17.0**	0.84	1.21	**97.0**	0.06	0.58	**30.7**	-0.43	0.53	**115.4**	0.39	0.77	**39.7**	-0.04	0.05
Z9RD3R	**18.0**	1.34	0.19	**112.0**	1.43	0.83	**44.0**	2.20	0.13	**127.7**	1.36	1.46	**47.0**	1.72	0.30
ZCPUG8	**16.0**	0.32		**104.0**	0.70	0.23	**38.3**	1.08	0.30	**115.0**	0.36	0.18	**41.0**	0.28	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	15.4	96.3	32.9	110.5	39.9
Median Abs Dev	1.1	6.0	2.9	4.8	2.1
Avg Within Lab SD	0.8	4.4	1.9	5.6	2.1
Labs Included	44	45	44	44	44
Labs Reporting	45	45	45	45	45

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
AGA2UX	**15.7**	0.00	0.33	**78.7**	-0.52	0.11	**32.7**	-0.37	0.28	**86.0**	-1.69		**45.0**	0.00	
JWQEY2	**12.7**	-1.90	0.66	**90.3**	0.00	0.54	**30.0**	-0.76		**125.0**	0.79	0.61	**38.7**	-0.63	0.76
QDCD62	**17.2**	0.95	0.50	**90.3**	0.00	0.77	**35.3**	0.00	0.24	**112.6**	0.00	0.56	**42.3**	-0.27	0.11
RJWQJU	**16.4**	0.46	0.45	**125.9**	1.60	1.97	**41.6**	0.92	1.96	**122.3**	0.62	1.77	**61.9**	1.68	1.72
ZXMHL9	**15.6**	-0.05	2.00	**118.1**	1.25	0.48	**44.4**	1.32	0.20	**108.3**	-0.27	0.43	**52.9**	0.79	0.68

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	15.7	90.3	35.3	112.6	45.0
Median Abs Dev	0.7	11.7	5.3	9.8	6.3
Avg Within Lab SD	1.8	5.3	2.1	5.7	4.0
Labs Included	5	5	5	5	5
Labs Reporting	5	5	5	5	5

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
9DV6PW	**16.7**		1.00	**106.0**			**36.3**		1.35	**112.7**		1.00	**38.3**		0.66
N9TAJ2	**17.0**			**105.7**		1.00	**37.7**		0.41				**41.1**		1.25

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	16.8	105.8	37.0	112.7	39.7
Median Abs Dev					
Avg Within Lab SD	1.5	1.2	1.1	2.1	0.9
Labs Included	2	2	2	1	2
Labs Reporting	2	2	2	1	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**16.77**	0.14	0.23	**0.33**	-1.45	0.17	**3.63**	0.45	0.29	**7.30**	-0.52	0.85	**11.93**	0.00	0.13
3BLB4V	**15.70**	-0.37	0.20	**1.50**	-0.65	0.39	**3.05**	-0.09	0.33	**6.83**	-0.93	0.28	**10.83**	-0.69	0.25
43AEYN	**17.33**	0.41	0.85	**0.09**	-1.61	0.03	**3.56**	0.38	0.17	**8.47**	0.50	0.29	**13.06**	0.71	0.55
4QFVKH	**14.27**	-1.06	2.62	**2.57**	0.07	1.49	**2.67**	-0.44	1.46	**6.87**	-0.90	2.22	**13.47**	0.97	1.20
4VNGB2	**14.75**	-0.82	0.42				**2.52**	-0.58	0.25	**8.07**	0.16	0.53	**10.76**	-0.74	0.01
6BH4CM	**14.67**	-0.86	0.89	**2.00**	-0.31		**2.33**	-0.75	1.44	**6.00**	-1.65		**10.67**	-0.80	1.26
6KNBRM	**19.70**	1.55	1.16	**4.07**	1.09	0.34	**4.00**	0.79	0.43	**10.20**	2.01	0.43	**15.53**	2.27	0.25
AV4QLN	**15.86**	-0.29	0.37	**2.37**	-0.06	1.37	**3.15**	0.00	0.74	**7.55**	-0.30	0.96	**11.31**	-0.40	0.88
BC9DQW	**16.34**	-0.06	0.19	**2.25**	-0.15	0.29	**3.67**	0.48	0.16	**8.15**	0.22	0.19	**12.76**	0.52	0.26
BD4XFG	**19.01**	1.22	0.49	**2.52**	0.04	0.68	**3.05**	-0.09	0.40	**8.64**	0.65	0.32	**13.94**	1.26	0.15
EDCALB	**19.00**	1.21		**1.45**	-0.69		**4.59**	1.33		**9.45**	1.36		**12.90**	0.61	
EDCEZJ	**15.84**	-0.30	0.58	**3.60**	0.78	1.03	**4.28**	1.05	1.02	**7.99**	0.09	0.70	**10.44**	-0.94	1.57
ELRQHQ	**14.62**	-0.89	0.00	**3.15**	0.47	0.00	**3.24**	0.09	0.00	**7.69**	-0.18	0.00	**11.20**	-0.46	0.00
GN6AFQ	**15.60**	-0.42	1.26	**1.26**	-0.82	0.05	**1.74**	-1.30	0.45	**5.61**	-1.99	0.66	**10.35**	-1.00	0.52
H3KUDP	**18.47**	0.96	0.44	**3.27**	0.55	0.68	**3.40**	0.23	0.00	**8.77**	0.76	0.28	**13.13**	0.76	0.63
JM4JX2	**12.33**	-1.98	1.09	**4.62**	1.47	1.46	**5.31**	1.99	1.43	**7.79**	-0.09	1.85	**10.53**	-0.88	2.54
K9KXD8	**14.67**	-0.86	0.58	**2.20**	-0.18	0.59	**3.13**	-0.01	0.38	**7.17**	-0.64	0.62	**10.60**	-0.84	0.78
KL9ZUE	**16.59**	0.06	1.18	**1.24**	-0.83	1.31	**2.13**	-0.94	1.64	**8.16**	0.23	0.99	**12.56**	0.40	0.96
LME3V4	**15.70**	-0.37	1.62	**0.23**	-1.52	0.34	**2.00**	-1.06	1.52	**8.10**	0.18	2.13	**11.83**	-0.06	2.15
MKM4G6	**19.80**	1.60	2.28	**3.93**	1.00	3.31	**4.39**	1.14	3.36	**8.74**	0.74	1.44	**13.27**	0.84	1.20
NLRBW3	**16.33**	-0.07	0.64	**2.60**	0.09	0.49	**3.03**	-0.10	0.26	**7.45**	-0.39	0.10	**11.75**	-0.12	0.10
PWB7FF	**16.00**	-0.22	1.54	**4.33**	1.27	1.71	**5.00**	1.71		**7.67**	-0.20	1.42	**12.67**	0.46	1.26
RMXUBG	**18.00**	0.73	0.27	**2.40**	-0.04	0.59	**4.60**	1.34	0.25	**8.07**	0.15	0.28	**11.67**	-0.17	0.13
RQE2YG	**16.80**	0.16	0.00	**2.54**	0.06	0.14	**2.69**	-0.42	0.14	**7.59**	-0.27	0.19	**11.93**	0.00	0.13
UR3CME	**17.48**	0.49	0.58	**2.83**	0.25	0.30	**3.08**	-0.06	0.04	**7.80**	-0.09	0.31	**12.30**	0.23	0.12
V4AKZQ	**17.24**	0.37	0.26	**1.06**	-0.95	0.70	**2.02**	-1.04	0.36	**8.75**	0.75	1.53	**14.31**	1.50	1.97

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
VAX68C	**18.90**	1.17	0.67	**3.70**	0.84	0.39	**3.97**	0.76	0.31	**9.14**	1.09	0.41	**13.77**	1.16	0.67
VNVEPR	**7.11**	-4.48X	0.22	**2.55**	0.06	0.18	**3.89**	0.69	1.22	**12.38**	3.92X	0.61	**11.65**	-0.18	0.71
XMD7EU	**16.97**	0.24	0.23	**0.16**	-1.57	0.03	**2.89**	-0.24	0.12	**5.75**	-1.87	1.21	**12.84**	0.57	0.20
Z9RD3R	**31.00**	6.97X	1.54	**13.00**	7.18X		**16.00**	11.86X		**22.00**	12.32X		**26.67**	9.30X	1.26
ZCPUG8	**35.33**	9.05X	0.89	**19.67**	11.71X	7.44	**22.33**	17.70X	1.44	**26.33**	16.10X	1.42	**29.67**	11.20X	1.26

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	16.5	2.46	3.15	7.89	11.9
Median Abs Dev	0.9	0.99	0.63	0.58	1.1
Avg Within Lab SD	0.7	0.34	0.40	0.41	0.5
Labs Included	28	28	29	28	29
Labs Reporting	31	30	31	31	31

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**12.9**	-0.44	0.45	**16.9**	0.26	0.69	**18.9**	-0.14	0.50	**14.9**	-0.44	0.51	**53.9**	-0.63	0.88
38LZ8V	**13.9**	0.00	0.00	**13.5**	-0.74	0.89	**18.8**	-0.16	0.13	**16.8**	0.11	0.26	**64.2**	0.38	0.63
43AEYN	**13.9**	0.00	0.70	**16.6**	0.18	0.57	**21.6**	0.84	0.23	**16.8**	0.13	0.43	**61.6**	0.12	0.41
6BH4CM	**10.0**	-1.77		**12.3**	-1.08	0.92	**14.0**	-1.87	1.31	**13.7**	-0.80	0.98	**55.3**	-0.49	0.26
6DZMWG	**14.6**	0.31	0.06	**15.4**	-0.17	0.30	**19.4**	0.04	0.03	**15.5**	-0.26	0.53	**88.7**	2.78	0.42
6KNBRM	**14.3**	0.20	0.80	**12.0**	-1.18		**16.0**	-1.16		**13.7**	-0.80	0.98	**60.3**	0.00	0.26
6MDEPZ	**14.0**	0.05		**17.0**	0.29		**21.0**	0.62		**17.0**	0.17		**60.7**	0.03	0.68
AGA2UX	**14.0**	0.05	1.39	**15.7**	-0.10	0.92	**20.0**	0.27		**16.7**	0.08	0.98	**52.0**	-0.82	
AV4QLN	**11.3**	-1.20	1.47	**19.0**	0.88	2.45	**21.4**	0.76	2.86	**10.7**	-1.65	1.26	**77.0**	1.63	2.93
BC9DQW	**15.2**	0.60	0.56	**20.0**	1.19	1.30	**21.8**	0.91	0.73	**19.3**	0.85	0.50	**58.5**	-0.18	0.37
BHZM2U	**15.8**	0.85	0.35	**17.6**	0.48	0.24	**20.7**	0.52	0.13	**19.5**	0.89	0.20	**69.7**	0.92	0.08
DU6KV9	**11.6**	-1.03	0.52	**13.5**	-0.74	0.64	**18.5**	-0.27	0.54	**16.4**	0.00	0.74	**58.2**	-0.21	0.62
EUL3DK	**12.0**	-0.88	0.21	**16.5**	0.15	0.16	**21.5**	0.80	0.13	**14.0**	-0.70	0.17	**67.3**	0.68	0.19
GN6AFQ	**17.7**	1.74	2.71	**18.6**	0.77	0.54	**21.3**	0.74	1.76	**19.4**	0.88	0.62	**55.5**	-0.48	0.43
H3KUDP	**12.0**	-0.86		**15.0**	-0.29		**18.7**	-0.21	0.76	**15.0**	-0.41		**66.3**	0.59	0.26
JM3JZL	**12.6**	-0.61	0.30	**13.0**	-0.88	1.07	**15.0**	-1.53	0.80	**12.3**	-1.19	0.77	**68.4**	0.80	0.62
JM4JX2	**14.9**	0.45	1.74	**16.0**	0.00	1.68	**17.6**	-0.59	0.47	**14.8**	-0.48	1.28	**46.8**	-1.33	0.89
KL9ZUE	**10.9**	-1.37	0.74	**8.2**	-2.29	0.65	**11.5**	-2.75X	0.41	**9.1**	-2.12	0.88	**47.0**	-1.32	1.23
LME3V4	**15.6**	0.77	0.42	**20.2**	1.23	0.83	**24.4**	1.84	0.20	**19.8**	0.98	1.39	**80.6**	1.99	3.13
LPG3VZ	**15.4**	0.67	0.96	**17.9**	0.57	0.95	**19.0**	-0.08	0.69	**16.1**	-0.08	0.95	**57.7**	-0.26	0.52
LR7ADC	**14.7**	0.35	2.13	**14.3**	-0.49	2.43	**16.7**	-0.92	0.76	**14.0**	-0.70	1.70	**60.0**	-0.03	0.89
MKM4G6	**13.6**	-0.12	0.71	**16.7**	0.22	0.33	**19.1**	-0.04	0.42	**16.6**	0.05	2.58	**58.8**	-0.15	0.62
NLRBW3	**16.8**	1.30	0.16	**21.4**	1.58	0.12	**22.1**	1.01	0.04	**20.5**	1.20	0.14	**65.4**	0.50	0.28
NPRLT3	**16.0**	0.97	0.58	**15.7**	-0.08	0.40	**20.1**	0.30	1.12	**22.0**	1.63	1.70	**49.7**	-1.05	0.68
PNECFW	**20.3**	2.89X	1.04	**21.6**	1.65	0.17	**23.6**	1.54	0.20	**23.6**	2.08	0.25	**71.9**	1.14	0.65
R44XYT	**12.4**	-0.70	0.02	**14.2**	-0.54	0.02	**18.7**	-0.19	0.01	**15.1**	-0.38	0.02	**57.6**	-0.27	0.01

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
R44YZE	**12.7**	-0.56	0.80	**18.3**	0.69	0.92	**20.7**	0.50	0.76	**17.3**	0.27	0.98	**61.0**	0.07	0.77
VF6TKE	**12.3**	-0.71	0.80	**14.0**	-0.59		**17.0**	-0.80		**15.7**	-0.21	0.98	**54.3**	-0.59	0.93
ZXMHL9	**13.1**	-0.35	0.22	**15.0**	-0.28	0.38	**18.6**	-0.23	2.28	**16.5**	0.04	0.42	**61.6**	0.13	0.33

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	13.9	16.0	19.3	16.4	60.3
Median Abs Dev	1.4	1.9	1.7	1.6	5.0
Avg Within Lab SD	0.7	0.6	0.8	0.6	2.2
Labs Included	28	29	28	29	29
Labs Reporting	29	29	29	29	29

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4QFVKH	**13.1**	0.00	1.70	**12.1**	0.00	1.61	**13.6**	0.11	2.06	**14.9**	0.00	1.89	**53.3**	0.71	0.40
EDCALB	**8.0**	-1.87	0.93	**8.0**	-1.57	0.93	**9.7**	-1.30	0.65	**9.3**	-1.80	0.57	**39.7**	-1.33	0.84
K9KXD8	**13.7**	0.21	0.92	**14.2**	0.82	1.15	**18.4**	1.82	0.34	**15.0**	0.04	0.90	**42.3**	-0.93	0.23
Q2XFZX	**10.2**	-1.06	0.24	**10.1**	-0.76	0.07	**13.3**	0.00	0.16	**12.1**	-0.90	0.15	**51.2**	0.40	1.95
YUDNNZ	**13.8**	0.23	0.61	**12.7**	0.23	0.49	**12.9**	-0.14	0.45	**16.8**	0.63	0.52	**48.5**	0.00	0.53

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	13.1	12.1	13.3	14.9	48.5
Median Abs Dev	0.6	2.0	0.4	1.9	4.7
Avg Within Lab SD	1.1	1.1	0.9	1.0	2.5
Labs Included	5	5	5	5	5
Labs Reporting	5	5	5	5	5

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**5.47**	-0.71	0.32	**8.53**	-0.38	0.25	**10.83**	-0.44	0.26	**8.13**	0.01	0.26	**23.00**	0.16	1.49
43AEYN	**5.30**	-0.81	0.13	**6.10**	-1.54	0.33	**11.73**	-0.21	0.12	**7.97**	-0.10	0.20	**20.93**	-0.33	0.58
4QFVKH	**7.33**	0.31	2.62												
6BH4CM	**7.00**	0.13	1.26	**9.67**	0.16	0.95	**13.33**	0.21	0.47	**8.67**	0.37	2.00	**23.67**	0.32	0.52
6DZMWG	**4.59**	-1.19	0.01	**4.64**	-2.24	0.16	**9.39**	-0.82	0.10	**6.22**	-1.27	0.90	**17.08**	-1.24	0.58
6KNBRM	**3.67**	-1.70	0.73	**7.00**	-1.11		**6.67**	-1.54	0.47	**6.67**	-0.97	1.00	**21.00**	-0.32	0.89
6MDEPZ	**6.70**	-0.04	0.88	**8.90**	-0.21	0.87	**14.43**	0.50	0.70	**7.03**	-0.72	0.56	**20.10**	-0.53	1.14
9DV6PW	**8.87**	1.15	2.38	**9.67**	0.16	2.09	**10.70**	-0.48	0.86	**9.00**	0.59	1.65	**20.07**	-0.54	1.68
AGA2UX	**8.00**	0.68	1.26	**9.00**	-0.16	1.64	**25.00**	3.28X	0.82	**9.00**	0.59		**20.33**	-0.47	0.52
BC9DQW	**6.95**	0.10	0.11	**9.83**	0.24	0.25	**18.73**	1.63	0.21	**8.93**	0.55	0.36	**23.33**	0.24	0.26
CWCHTV	**4.10**	-1.47		**5.20**	-1.97		**5.30**	-1.90		**5.10**	-2.01		**15.80**	-1.55	
DU6KV9	**5.08**	-0.93	0.16	**5.47**	-1.84	0.58	**9.63**	-0.76	0.36	**7.40**	-0.48	0.35	**18.02**	-1.02	0.11
EDCEZJ	**5.79**	-0.54	0.19	**9.49**	0.08	0.59	**11.35**	-0.31	0.29	**7.64**	-0.32	0.18	**22.73**	0.09	0.84
H3KUDP	**7.00**	0.13		**9.00**	-0.16		**17.67**	1.35	0.47	**6.67**	-0.97	1.00	**27.00**	1.10	0.89
K9KXD8	**5.57**	-0.66	0.38	**8.77**	-0.27	1.25	**12.70**	0.05	0.37	**10.90**	1.86	0.79	**21.33**	-0.24	0.52
KJWKZD	**8.59**	1.00	1.77	**13.04**	1.77	0.61	**16.80**	1.13	0.96	**10.85**	1.83	2.14	**17.81**	-1.07	0.44
KL9ZUE	**7.09**	0.18	0.15	**10.42**	0.52	0.85	**12.14**	-0.10	1.93	**9.24**	0.75	0.50	**27.38**	1.19	1.55
LME3V4	**7.97**	0.66	1.82	**10.10**	0.37	2.70	**20.37**	2.06	4.52	**9.33**	0.81	1.84	**25.70**	0.80	1.93
MKM4G6	**7.30**	0.29	0.31	**11.63**	1.10	1.05	**12.60**	0.02	0.22	**9.36**	0.83	0.74	**25.83**	0.83	0.95
MRLNKL	**4.33**	-1.34	0.44	**6.30**	-1.45	0.71	**9.67**	-0.75	0.57	**7.80**	-0.21	2.00	**18.90**	-0.81	1.09
NLRBW3	**7.32**	0.31	0.14	**9.40**	0.03	0.30	**12.43**	-0.02	0.37	**8.16**	0.03	0.31	**23.20**	0.21	0.56
NPRLT3	**11.33**	2.51	1.92	**9.33**	0.00	0.95	**13.33**	0.21	0.47	**20.00**	7.94X	1.73	**24.00**	0.39	1.79
PNECFW	**11.59**	2.65	0.78	**12.23**	1.38	0.63	**14.90**	0.63	0.75	**11.70**	2.40	0.61	**21.13**	-0.29	1.19
Q2XFZX	**7.64**	0.48	0.09	**8.01**	-0.63	0.03	**13.22**	0.18	0.22	**6.41**	-1.14	0.16	**27.06**	1.12	0.68
QDCD62	**6.77**	0.00	0.84	**8.40**	-0.45	0.57	**5.50**	-1.84	0.24	**8.93**	0.55	1.13	**24.60**	0.54	0.50
RMXUBG	**6.00**	-0.42		**9.33**	0.00	0.95	**12.33**	-0.05	0.47	**7.33**	-0.52	1.00	**22.33**	0.00	0.52

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
UX4Q7V	**5.44**	-0.73	0.42	**9.48**	0.07	0.99	**8.99**	-0.93	0.18	**7.91**	-0.14	0.35	**24.28**	0.46	0.28
VAX68C	**5.83**	-0.51	0.07	**7.23**	-1.00	0.82	**12.67**	0.04	0.47	**7.07**	-0.70	0.56	**19.67**	-0.63	1.36
VF6TKE	**7.00**	0.13		**7.00**	-1.11		**16.67**	1.09	0.47	**8.00**	-0.08		**18.00**	-1.03	0.89
VJ64ET	**5.35**	-0.78	0.08	**10.83**	0.71	1.55	**15.15**	0.69	0.83	**8.09**	-0.02	0.54	**29.31**	1.65	0.63
VNVEPR	**6.36**	-0.22	0.11	**9.35**	0.01	0.15	**12.18**	-0.09	0.11	**8.11**	0.00	0.33	**28.15**	1.38	0.21
WL9YXV	**7.45**	0.38	1.04	**7.19**	-1.02	0.81	**12.91**	0.10	0.62	**8.33**	0.14	1.11	**20.10**	-0.53	2.14
YUDNNZ	**6.27**	-0.27	0.19	**8.40**	-0.45	0.75	**10.77**	-0.46	0.84	**7.97**	-0.10	0.56	**17.50**	-1.14	0.73
Z9RD3R	**15.33**	4.71X	1.92	**9.67**	0.16	0.95	**19.00**	1.70	0.82	**15.67**	5.05X	1.00	**26.00**	0.87	0.89
ZCPUG8	**6.67**	-0.05	0.73	**11.00**	0.80		**14.00**	0.39		**9.00**	0.59		**23.33**	0.24	0.52
ZXMHL9	**7.03**	0.15	0.19	**9.47**	0.07	0.20	**11.55**	-0.25	0.12	**9.03**	0.61	0.49	**21.09**	-0.30	0.36

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	6.77	9.33	12.5	8.11	22.3
Median Abs Dev	0.93	0.93	1.8	0.89	2.3
Avg Within Lab SD	0.79	0.61	1.2	0.58	1.1
Labs Included	35	35	34	33	35
Labs Reporting	36	35	35	35	35

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**2.08**		0.05	**5.74**		0.02	**2.88**		0.13	**2.33**		0.08	**78.13**		0.08
4QFVKH	**1.20**		1.41	**5.73**		1.41	**2.40**		1.41	**1.80**		1.41	**77.10**		1.41

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.64	5.74	2.64	2.07	77.6
Median Abs Dev					
Avg Within Lab SD	0.32	0.85	0.26	0.26	5.8
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MRLNKL	**8.5**		0.32	**10.6**		0.14	**10.9**		0.28	**9.9**		1.05	**41.9**		1.22
VAX68C	**9.4**		1.38	**14.3**		1.41	**15.3**		1.39	**11.3**		0.94	**52.3**		0.71

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	8.98	12.5	13.1	10.6	47.1
Median Abs Dev					
Avg Within Lab SD	0.18	0.4	0.4	0.6	1.6
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**16.6**	-0.46	0.36	**56.8**	-0.29	1.15	**31.5**	-0.28	0.83	**21.8**	-0.35	0.08	**355.5**	-0.11	0.97
43AEYN	**20.5**	0.56	0.27	**70.8**	0.48	0.55	**37.9**	0.42	0.61	**26.1**	0.35	0.17	**388.3**	0.32	0.67
BC9DQW	**21.7**	0.85	0.42	**75.1**	0.72	0.14	**41.3**	0.80	0.56	**26.9**	0.47	0.22	**369.7**	0.08	0.55
EDCALB	**11.3**	-1.80	0.68	**29.3**	-1.80	0.27	**20.7**	-1.48	0.63	**12.7**	-1.83	0.96	**205.0**	-2.07	0.46
H3KUDP	**16.7**	-0.44	0.68	**45.3**	-0.92	0.27	**30.7**	-0.38	0.63	**21.7**	-0.37	0.48	**314.7**	-0.64	0.20
KL9ZUE	**15.9**	-0.63	0.96	**67.0**	0.27	1.30	**30.0**	-0.45	2.23	**19.3**	-0.76	1.20	**409.2**	0.59	1.52
LME3V4	**20.4**	0.53	0.83	**80.1**	0.99	0.55	**43.4**	1.02	0.71	**29.7**	0.93	0.74	**441.5**	1.01	0.14
MKM4G6	**20.1**	0.44	2.57	**57.2**	-0.27	2.36	**26.5**	-0.84	0.76	**28.5**	0.74	2.38	**357.7**	-0.08	1.95
NLRBW3	**20.7**	0.60	0.18	**73.1**	0.60	0.33	**41.1**	0.78	0.43	**27.2**	0.52	0.43	**403.7**	0.52	0.97
VF6TKE	**16.7**	-0.44	0.68	**54.7**	-0.41	0.72	**36.7**	0.28	1.26	**21.3**	-0.43	0.96	**262.3**	-1.32	0.99

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	18.4	62.1	34.1	24.0	363.7
Median Abs Dev	2.1	9.8	5.6	3.1	42.8
Avg Within Lab SD	0.8	2.1	0.9	1.2	7.5
Labs Included	10	10	10	10	10
Labs Reporting	10	10	10	10	10

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**7.4**	1.00	0.49	**15.9**	0.48	0.99	**14.5**	0.90	0.62	**4.3**	-0.18	0.41	**12.2**	0.13	1.52
43AEYN	**6.5**	0.59	0.37	**14.4**	0.01	0.62	**14.5**	0.89	0.50	**3.6**	-0.66	1.07	**12.1**	0.05	0.34
4QFVKH	**14.7**	4.47X	1.24	**23.3**	2.79X	1.89	**28.7**	4.95X	3.46	**8.7**	2.75X	5.12	**19.0**	4.84X	1.66
6KNBRM	**6.3**	0.51	1.24	**15.3**	0.31	0.95	**11.7**	0.08	1.59	**5.3**	0.50	1.42	**12.7**	0.46	0.96
6MDEPZ	**5.5**	0.13	0.35	**13.5**	-0.27	2.43	**19.1**	2.20	0.11	**4.1**	-0.33	1.06	**10.6**	-0.94	1.28
8RURFX	**4.9**	-0.16	0.47	**11.9**	-0.76	0.80	**10.6**	-0.24	0.37	**5.9**	0.89	1.20	**12.8**	0.53	0.47
AGA2UX	**7.3**	0.98	2.49	**15.0**	0.21		**10.0**	-0.40		**7.0**	1.63		**12.0**	0.00	
AV4QLN	**3.8**	-0.68	0.40	**15.0**	0.19	0.55	**11.5**	0.02	0.52	**2.7**	-1.25	0.46	**12.1**	0.10	1.08
BC9DQW	**7.5**	1.05	0.05	**18.6**	1.32	0.35	**13.5**	0.60	0.26	**5.9**	0.91	0.19	**12.5**	0.35	0.31
BNN87V	**5.3**	0.01	0.97	**10.5**	-1.18	0.80	**8.6**	-0.81	0.29	**5.3**	0.48	0.65	**8.5**	-2.43	0.30
DU6KV9	**4.6**	-0.29	0.14	**8.6**	-1.78	0.69	**8.6**	-0.81	0.57	**4.4**	-0.13	0.31	**9.6**	-1.65	0.13
EDCEZJ	**9.0**	1.76	0.21	**13.3**	-0.32	0.45	**12.5**	0.32	0.14	**4.7**	0.08	0.23	**11.6**	-0.27	0.13
JM4JX2	**5.2**	-0.01	0.70	**10.3**	-1.26	0.83	**20.1**	2.49	2.55	**4.7**	0.04	1.58	**8.7**	-2.26	0.94
KJWKZD	**12.2**	3.27X	1.07	**19.2**	1.52	1.33	**21.7**	2.96X	1.72	**5.1**	0.36	0.29	**23.8**	8.13X	2.34
MKM4G6	**7.6**	1.11	0.77	**13.7**	-0.19	1.13	**12.5**	0.32	1.45	**5.9**	0.88	1.23	**13.2**	0.83	0.65
MRLNKL	**5.0**	-0.13	1.71	**13.5**	-0.26	0.98	**11.1**	-0.08	1.56				**11.8**	-0.16	1.48
NLRBW3	**7.3**	0.95	0.38	**18.0**	1.14	0.13	**12.6**	0.35	0.08	**4.5**	-0.04	0.27	**11.5**	-0.37	0.45
PNECFW	**3.4**	-0.88	0.17	**12.6**	-0.55	0.32	**8.8**	-0.74	0.28	**2.5**	-1.41	0.37	**10.9**	-0.74	0.16
RMXUBG	**3.0**	-1.08		**17.7**	1.03	0.95	**9.7**	-0.49	0.79	**4.0**	-0.40		**17.3**	3.69X	0.96
VAX68C	**3.9**	-0.63	0.12	**14.3**	0.00	0.95	**11.3**	-0.02	0.79	**2.7**	-1.25	0.38	**12.3**	0.23	0.96
VF6TKE	**4.3**	-0.48	0.52	**11.5**	-0.88	1.57	**10.8**	-0.16	0.87	**3.2**	-0.97	1.33	**11.3**	-0.50	1.43
YUDNNZ	**3.0**	-1.06	2.21	**16.0**	0.52	0.59	**5.9**	-1.58	1.34	**6.2**	1.09	2.25	**13.2**	0.83	2.17

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	5.27	14.3	11.4	4.59	12.0
Median Abs Dev	1.38	1.7	1.6	0.87	0.7
Avg Within Lab SD	0.46	0.6	0.7	0.41	0.6
Labs Included	20	21	20	20	19
Labs Reporting	22	22	22	21	22

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**240.5**	-1.35	0.14	**60.2**	-0.95	0.21	**441.5**	-1.04	0.14	**54.5**	-1.25	0.51	**379.7**	-1.52	0.14
3YVGTM	**310.3**	0.57	0.47	**83.3**	1.11	0.47	**685.3**	1.41	0.25	**63.0**	-0.13		**481.0**	0.98	0.30
43AEYN	**241.0**	-1.34	0.28	**55.3**	-1.38	0.31	**474.7**	-0.70	0.20	**63.7**	-0.04	0.52	**435.0**	-0.15	0.27
4QFVKH	**300.0**	0.29	0.76	**76.3**	0.49	0.66	**652.3**	1.08	0.35	**62.7**	-0.18	0.45	**450.7**	0.23	0.37
6BH4CM	**250.0**	-1.09	0.49	**66.3**	-0.40	1.01	**468.3**	-0.77	0.23	**62.0**	-0.27	0.36	**401.3**	-0.98	0.31
6DZMWG	**244.2**	-1.25	0.11	**54.8**	-1.43	0.22	**484.5**	-0.60	0.17	**56.3**	-1.02	0.93	**400.1**	-1.02	0.62
6KNBRM	**283.3**	-0.17	0.89	**77.3**	0.58	0.31	**512.0**	-0.33	0.55	**73.0**	1.19	0.54	**467.3**	0.64	0.48
6MDEPZ	**255.3**	-0.94	0.15	**66.3**	-0.40	0.31	**496.0**	-0.49	0.12	**61.3**	-0.35	0.58	**450.7**	0.23	0.35
9DV6PW	**298.0**	0.23	0.44	**76.0**	0.46	0.61	**644.7**	1.00	0.85	**64.0**	0.00	0.72	**435.3**	-0.15	0.47
AGA2UX	**282.0**	-0.21	0.17	**63.0**	-0.70		**494.7**	-0.50	0.02	**70.0**	0.80	0.36	**439.0**	-0.06	0.10
AV4QLN	**292.6**	0.08	0.68	**78.6**	0.69	0.21	**576.9**	0.32	0.27	**62.3**	-0.22	0.36	**474.9**	0.83	0.47
BC9DQW	**268.9**	-0.57	0.11	**72.9**	0.19	0.13	**463.2**	-0.82	0.06	**65.9**	0.25	0.19	**415.6**	-0.63	0.06
BHZM2U	**256.7**	-0.91	0.07	**54.7**	-1.44	0.12	**491.3**	-0.54	0.05	**55.3**	-1.15	0.10	**424.3**	-0.42	0.06
CWCHTV	**344.0**	1.50		**91.0**	1.80		**665.0**	1.21		**64.0**	0.00		**482.0**	1.01	
DU6KV9	**269.2**	-0.56	0.26	**59.4**	-1.02	0.10	**477.0**	-0.68	0.24	**72.1**	1.07	0.56	**463.9**	0.56	0.37
EDCALB	**283.0**	-0.18	0.41	**63.5**	-0.65	1.04	**603.3**	0.59	0.64	**56.0**	-1.06	0.95	**407.7**	-0.83	0.42
EDCEZJ	**298.3**	0.24	0.13	**74.2**	0.30	0.34	**586.1**	0.42	0.10	**63.9**	-0.01	0.29	**434.5**	-0.17	0.03
H3KUDP	**299.5**	0.27	0.21	**70.4**	-0.04	0.16	**551.3**	0.07	0.26	**68.0**	0.53	0.39	**465.0**	0.59	0.08
JM3JZL	**321.4**	0.88	0.78	**81.6**	0.96	1.26	**544.8**	0.00	0.44	**69.2**	0.69	0.23	**424.7**	-0.41	0.16
JM4JX2	**248.3**	-1.14	0.35	**61.3**	-0.85	0.72	**425.0**	-1.20	0.17	**60.0**	-0.53	0.36	**376.7**	-1.59	0.50
K9KXD8	**311.0**	0.59	0.23	**81.0**	0.90	0.54	**668.3**	1.24	0.26	**67.3**	0.44	0.28	**464.7**	0.58	0.06
KJWKZD	**269.5**	-0.55	0.05	**56.0**	-1.32	0.09	**468.5**	-0.77	0.12	**58.1**	-0.78	0.40	**443.5**	0.06	0.48
KL9ZUE	**288.1**	-0.04	0.87	**64.9**	-0.53	0.62	**518.6**	-0.26	0.33	**71.4**	0.97	0.45	**449.2**	0.20	0.07
LME3V4	**276.3**	-0.36	0.91	**67.0**	-0.34	1.28	**496.3**	-0.49	0.77	**70.3**	0.84	1.44	**437.3**	-0.10	0.70
LPG3VZ	**306.9**	0.48	0.34	**70.8**	0.00	0.35	**513.1**	-0.32	0.47	**62.7**	-0.17	0.59	**458.6**	0.43	0.13
LR7ADC	**315.7**	0.72	0.19	**72.2**	0.12	0.09	**495.3**	-0.50	0.30	**64.0**	0.01	0.17	**418.1**	-0.57	0.19

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MKM4G6	**246.9**	-1.17	0.83	**72.9**	0.18	0.22	**468.5**	-0.76	0.54	**66.4**	0.32	0.50	**404.5**	-0.91	0.26
MRLNKL	**366.3**	2.12	2.59				**689.7**	1.45	0.47				**492.7**	1.27	0.40
N9TAJ2	**298.4**	0.24	0.09	**68.4**	-0.22	0.42	**619.4**	0.75	0.25	**64.3**	0.04	0.95	**446.4**	0.13	0.14
NLRBW3	**287.7**	-0.05	0.10	**76.0**	0.46	0.35	**474.0**	-0.71	0.23	**72.7**	1.15	0.28	**454.3**	0.32	0.09
NPRLT3	**335.3**	1.26	0.66	**72.3**	0.13	0.52	**579.0**	0.34	0.11	**70.7**	0.88	0.45	**509.3**	1.68	0.09
PNECFW	**314.8**	0.70	0.44	**81.0**	0.91	0.39	**567.9**	0.23	0.27	**73.2**	1.22	0.34	**480.7**	0.97	0.09
Q2XFZX	**306.0**	0.45	0.24	**63.0**	-0.70	0.11	**613.8**	0.69	0.04	**58.2**	-0.77	0.12	**447.8**	0.16	0.03
QDCD62	**310.3**	0.57	0.42	**86.3**	1.38	0.31	**672.7**	1.28	0.08	**66.3**	0.31	0.28	**481.7**	1.00	0.03
R44XYT	**278.5**	-0.30	0.04	**76.9**	0.54	0.18	**485.4**	-0.60	0.03	**67.1**	0.41	0.04	**380.4**	-1.50	0.02
R83AWE	**257.0**	-0.90	4.90	**68.2**	-0.24	5.17	**579.3**	0.35	5.80	**46.1**	-2.38	5.18	**401.4**	-0.98	6.21
UX4Q7V	**304.7**	0.42	0.08	**75.0**	0.37	0.14	**608.0**	0.63	0.07	**64.3**	0.03	0.25	**443.7**	0.06	0.16
VAX68C	**276.7**	-0.35	0.96	**72.7**	0.16	0.24	**563.3**	0.19	0.46	**61.0**	-0.40	0.36	**390.0**	-1.26	0.29
VF6TKE	**251.7**	-1.04	0.45	**63.0**	-0.70	0.54	**465.7**	-0.79	0.32	**78.0**	1.86	1.30	**416.7**	-0.61	0.28
VJ64ET	**399.2**	3.02X	0.27	**98.1**	2.43X	0.29	**888.7**	3.45X	0.43	**84.2**	2.68X	0.36	**604.9**	4.04X	0.19
VNVEPR	**300.9**	0.31	0.09	**62.8**	-0.72	0.13	**674.1**	1.30	1.95	**58.5**	-0.73	0.08	**437.1**	-0.10	0.11
WL9YXV	**291.0**	0.04	0.52	**58.3**	-1.11	0.43	**507.0**	-0.38	0.42	**63.0**	-0.13	0.57	**434.0**	-0.18	0.96
YUDNNZ	**307.7**	0.50	0.27	**77.3**	0.58	1.45	**682.0**	1.38	0.14	**61.0**	-0.40	1.26	**474.0**	0.81	0.10
Z9RD3R	**249.3**	-1.11	0.10	**56.7**	-1.26	0.12	**544.7**	0.00	0.28	**46.7**	-2.30	0.10	**373.0**	-1.68	0.06
ZXMHL9	**347.5**	1.60	1.92	**74.1**	0.29	1.54	**595.6**	0.51	0.99	**77.1**	1.73	1.01	**487.0**	1.13	0.31

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	289.5	70.8	544.7	64.0	441.2
Median Abs Dev	20.5	6.5	61.7	4.0	24.2
Avg Within Lab SD	21.6	4.9	33.4	5.6	34.8
Labs Included	44	43	44	43	44
Labs Reporting	45	44	45	44	45

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**2,132.5**	-0.77	0.31	**3,048.0**	-0.95	0.05	**3,490.8**	-1.18	0.01	**514.5**	-0.04	0.54	**2,563.2**	-0.98	0.19
3YVGTM	**2,640.0**	1.39	0.65	**5,019.3**	3.18X	0.61	**7,158.0**	4.25X	0.62	**505.7**	-0.17	0.37	**4,371.0**	1.84	1.10
43AEYN	**1,830.0**	-2.05	0.12	**2,886.7**	-1.29	0.35	**3,270.0**	-1.51	0.11	**610.0**	1.35	1.10	**2,026.7**	-1.82	0.09
4QFVKH	**2,486.7**	0.74	0.41	**3,866.7**	0.76	0.57	**5,073.3**	1.16	0.40	**560.0**	0.62	0.83	**3,486.7**	0.46	0.23
6BH4CM	**1,883.7**	-1.82	0.44	**2,783.0**	-1.51	0.25	**3,287.0**	-1.48	0.17	**443.3**	-1.08	0.50	**2,453.7**	-1.15	0.17
6DZMWG	**2,012.0**	-1.28	0.13	**2,804.7**	-1.46	0.41	**3,810.3**	-0.71	0.21	**456.6**	-0.89	1.45	**3,127.0**	-0.10	0.39
6KNBRM	**2,285.3**	-0.12	0.42	**3,550.3**	0.10	0.16	**4,123.0**	-0.24	0.13	**597.7**	1.17	1.54	**3,724.0**	0.83	0.11
6MDEPZ	**2,084.6**	-0.97	0.12	**3,223.3**	-0.59	0.37	**3,849.9**	-0.65	0.24	**429.4**	-1.29	0.56	**2,964.2**	-0.36	0.41
9DV6PW	**2,302.0**	-0.05	0.30	**3,707.3**	0.43	0.31	**4,433.0**	0.22	0.32	**533.7**	0.24	0.83	**2,479.3**	-1.11	0.02
AGA2UX	**2,603.0**	1.23	0.17	**3,416.7**	-0.18	0.13	**4,461.0**	0.26	0.09	**663.3**	2.13	0.56	**3,283.3**	0.14	0.02
AV4QLN	**2,443.6**	0.55	0.95	**4,106.0**	1.26	0.28	**4,814.4**	0.78	0.50	**544.2**	0.39	0.92	**3,224.3**	0.05	0.56
BC9DQW	**2,368.0**	0.23	0.12	**3,423.0**	-0.17	0.24	**4,084.0**	-0.30	0.17	**597.9**	1.17	0.17	**3,830.3**	0.99	0.27
BHZM2U	**2,134.0**	-0.76	0.04	**3,055.0**	-0.94	0.02	**3,736.0**	-0.82	0.01	**509.7**	-0.11	0.05	**2,943.0**	-0.39	0.01
DU6KV9	**2,293.1**	-0.09	0.03	**3,224.2**	-0.58	0.03	**3,737.6**	-0.81	0.20	**627.6**	1.61	0.41	**2,720.1**	-0.74	0.06
EDCALB	**2,239.3**	-0.31	0.73	**3,195.7**	-0.64	0.28	**4,469.0**	0.27	0.89	**494.0**	-0.34	1.92	**2,827.7**	-0.57	1.21
EDCEZJ	**2,619.2**	1.30	0.03	**3,840.4**	0.71	0.15	**4,350.0**	0.09	0.03	**588.8**	1.04	0.34	**2,763.3**	-0.67	0.03
H3KUDP	**2,540.7**	0.96	0.22	**3,563.3**	0.13	0.10	**4,250.0**	-0.05	0.02	**543.1**	0.37	0.37	**3,165.0**	-0.04	0.06
JM3JZL	**2,172.6**	-0.60	0.33	**3,240.2**	-0.55	0.49	**3,727.1**	-0.83	0.65	**563.8**	0.68	0.60	**2,678.8**	-0.80	0.26
JM4JX2	**2,022.0**	-1.24	0.77	**2,807.7**	-1.46	0.68	**3,339.0**	-1.40	0.71	**513.0**	-0.07	1.58	**3,002.0**	-0.30	0.84
K9KXD8	**2,272.0**	-0.18	0.59	**3,637.0**	0.28	0.43	**4,663.0**	0.56	0.32	**468.3**	-0.72	0.21	**2,633.3**	-0.87	0.18
KJWKZD	**2,183.9**	-0.55	0.21	**2,944.2**	-1.17	0.79	**3,700.5**	-0.87	1.05	**500.8**	-0.24	1.13	**3,646.0**	0.71	0.64
KL9ZUE	**2,344.0**	0.13	1.15	**3,442.0**	-0.13	0.65	**4,366.3**	0.12	0.47	**567.0**	0.72	0.95	**3,454.0**	0.41	1.36
LME3V4	**2,342.3**	0.12	1.00	**3,353.0**	-0.31	1.40	**4,070.0**	-0.32	1.17	**579.7**	0.91	0.87	**3,249.0**	0.09	0.72
LPG3VZ	**2,160.0**	-0.65	0.27	**3,455.6**	-0.10	0.83	**3,831.7**	-0.67	0.61	**578.9**	0.90	0.22	**2,776.6**	-0.65	0.25
LR7ADC	**2,376.3**	0.27	0.72	**3,264.2**	-0.50	0.58	**3,728.9**	-0.83	0.31	**664.4**	2.14	1.39	**3,075.1**	-0.18	0.13
MKM4G6	**2,218.4**	-0.40	1.06	**3,780.4**	0.58	0.36	**4,090.5**	-0.29	0.47	**563.3**	0.67	0.10	**3,052.2**	-0.22	0.12

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MRLNKL	**2,631.7**	1.35	0.54	**4,255.0**	1.58	0.61	**5,751.7**	2.17	0.92	**489.7**	-0.41	0.05	**3,640.3**	0.70	0.29
N9TAJ2	**2,439.7**	0.54	0.15	**3,641.3**	0.29	0.08	**4,849.7**	0.83	0.15	**507.7**	-0.14	1.48	**3,282.7**	0.14	0.14
NLRBW3	**2,360.3**	0.20	0.32	**3,847.0**	0.72	0.13	**4,133.3**	-0.23	0.20	**607.7**	1.32	0.69	**3,836.3**	1.00	0.38
NPRLT3	**2,232.3**	-0.34	0.52	**2,894.7**	-1.28	0.08	**3,775.0**	-0.76	0.04	**493.7**	-0.35	0.17	**3,015.7**	-0.28	0.01
PNECFW	**2,467.9**	0.66	0.35	**3,794.6**	0.61	0.25	**4,380.0**	0.14	0.21	**538.3**	0.30	0.39	**3,701.6**	0.79	0.19
Q2XFZX	**2,474.1**	0.68	0.10	**3,653.6**	0.32	0.08	**4,938.5**	0.96	0.20	**478.5**	-0.57	0.23	**3,726.0**	0.83	0.06
QDCD62	**2,371.0**	0.24	0.28	**3,695.7**	0.40	0.40	**4,324.0**	0.05	0.65	**515.0**	-0.04	0.42	**2,236.3**	-1.49	0.42
R83AWE	**1,994.8**	-1.35	5.70	**3,164.8**	-0.71	5.53	**4,356.4**	0.10	5.31	**343.6**	-2.54X	9.50	**3,192.7**	0.00	5.77
RMXUBG	**2,313.3**	0.00	0.22	**3,566.7**	0.13	0.05	**4,520.0**	0.35	0.08	**520.0**	0.04		**3,560.0**	0.57	0.07
UX4Q7V	**2,499.7**	0.79	0.08	**3,993.6**	1.03	0.34	**4,921.2**	0.94	0.44	**509.2**	-0.12	0.64	**3,705.5**	0.80	0.20
VAX68C	**2,200.0**	-0.48	0.71	**3,666.7**	0.34	1.09	**4,533.3**	0.36	0.85	**493.3**	-0.35	1.27	**3,233.3**	0.06	0.76
VF6TKE	**2,035.3**	-1.18	0.42	**2,931.3**	-1.20	0.37	**3,642.7**	-0.95	0.75	**580.0**	0.91	1.02	**2,959.8**	-0.36	0.21
VNVEPR	**2,370.8**	0.24	0.23	**3,792.9**	0.61	0.28	**6,056.8**	2.62	1.94	**451.8**	-0.96	0.38	**4,292.0**	1.71	0.15
WL9YXV	**2,636.7**	1.37	0.67	**3,453.3**	-0.10	0.74	**4,400.0**	0.17	0.11	**545.0**	0.40	0.95	**3,856.7**	1.03	0.87
YUDNNZ	**2,274.7**	-0.16	0.15	**3,713.3**	0.44	0.26	**4,149.0**	-0.20	0.25	**494.7**	-0.33	0.56	**2,045.0**	-1.79	0.10
Z9RD3R	**2,390.0**	0.33	0.45	**3,820.0**	0.67	0.09	**4,813.3**	0.78	0.17	**450.3**	-0.98	0.24	**3,256.7**	0.10	0.20
ZXMHL9	**2,392.1**	0.33	0.58	**4,025.0**	1.10	1.54	**4,478.5**	0.28	1.05	**514.9**	-0.04	3.50	**3,764.4**	0.89	0.69

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2,313.3	3,502.9	4,287.0	517.5	3,192.7
Median Abs Dev	130.3	284.8	446.2	40.8	429.4
Avg Within Lab SD	140.1	212.7	244.7	24.1	275.0
Labs Included	43	42	42	42	43
Labs Reporting	43	43	43	43	43

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**281.2**	-0.73	0.27	**327.0**	-0.75	0.55	**742.0**	-0.75	0.48	**39.9**	-0.09	0.69	**232.6**	-0.94	0.30
3YVGTM	**1,340.0**	31.47X	90.48	**455.7**	2.53X	0.51	**1,163.3**	2.18	0.16	**33.0**	-0.84		**309.3**	1.87	0.28
43AEYN	**250.7**	-1.66	0.21	**289.0**	-1.72	0.26	**675.3**	-1.22	0.13	**48.3**	0.81	0.71	**235.3**	-0.84	0.27
4QFVKH	**347.0**	1.27	0.36	**411.3**	1.40	0.57	**1,064.7**	1.49	0.47	**56.5**	1.69	1.54	**282.0**	0.87	0.34
6BH4CM	**272.7**	-0.99	0.59	**311.0**	-1.16	0.59	**723.7**	-0.88	0.32	**34.0**	-0.73	0.22	**234.0**	-0.89	0.25
6DZMWG	**277.7**	-0.84	0.40	**283.9**	-1.85	0.57	**757.6**	-0.65	0.21	**37.1**	-0.39	0.11	**229.1**	-1.07	0.42
6KNBRM	**323.7**	0.56	0.57	**373.0**	0.42	0.36	**832.0**	-0.13	0.47	**52.3**	1.24	0.13	**296.3**	1.40	0.84
6MDEPZ	**287.8**	-0.53	0.21	**334.6**	-0.55	0.10	**794.8**	-0.39	0.15	**33.3**	-0.80	0.33	**233.1**	-0.92	0.05
9DV6PW	**305.3**	0.00	0.59	**363.3**	0.18	0.71	**850.3**	0.00	0.70	**49.0**	0.88	1.01	**245.3**	-0.48	0.28
AGA2UX	**266.7**	-1.18	0.13	**291.7**	-1.65	0.19	**558.7**	-2.03	0.14	**42.0**	0.13		**242.3**	-0.59	0.15
AV4QLN	**322.2**	0.51	0.20	**375.2**	0.48	0.28	**881.2**	0.22	0.11	**31.5**	-1.00	0.29	**266.0**	0.28	0.67
BC9DQW	**271.3**	-1.03	0.10	**336.1**	-0.52	0.05	**782.1**	-0.48	0.19	**40.4**	-0.04	0.16	**258.3**	0.00	0.27
BHZM2U	**292.3**	-0.40	0.13	**322.3**	-0.87	0.10	**769.3**	-0.56	0.03	**45.3**	0.49	0.34	**247.7**	-0.39	0.07
DU6KV9	**313.1**	0.24	0.12	**324.7**	-0.81	0.23	**765.9**	-0.59	0.12	**44.7**	0.42	0.55	**275.0**	0.61	0.24
EDCALB	**309.0**	0.11	0.85	**345.3**	-0.28	0.37	**908.0**	0.40	0.78	**35.5**	-0.57	0.98	**238.3**	-0.73	1.50
EDCEZJ	**330.9**	0.78	0.08	**362.1**	0.15	0.13	**868.4**	0.13	0.04	**47.1**	0.68	0.15	**235.0**	-0.85	0.04
H3KUDP	**333.7**	0.86	0.16	**358.6**	0.06	0.06	**868.9**	0.13	0.03	**42.7**	0.21	0.21	**260.0**	0.06	0.07
JM3JZL	**300.7**	-0.14	0.39	**361.9**	0.14	1.04	**809.6**	-0.28	1.61	**38.4**	-0.25	0.19	**229.6**	-1.05	0.38
JM4JX2	**287.2**	-0.55	0.57	**303.0**	-1.36	0.60	**673.8**	-1.23	0.72	**45.2**	0.47	1.06	**235.7**	-0.83	0.66
K9KXD8	**296.3**	-0.27	0.31	**358.3**	0.05	0.21	**917.3**	0.47	0.29	**30.4**	-1.12	0.06	**242.0**	-0.60	0.10
KJWKZD	**302.3**	-0.09	0.07	**304.5**	-1.32	0.32	**747.2**	-0.72	0.46	**41.4**	0.06	0.15	**263.6**	0.20	0.15
KL9ZUE	**334.4**	0.88	0.84	**358.0**	0.04	0.08	**859.1**	0.06	0.55	**47.1**	0.68	0.67	**277.6**	0.71	0.11
LME3V4	**320.0**	0.45	1.15	**354.3**	-0.05	1.32	**838.7**	-0.08	0.83	**54.0**	1.42	1.66	**269.0**	0.39	0.66
LPG3VZ	**304.3**	-0.03	0.39	**367.9**	0.30	0.10	**820.2**	-0.21	0.51	**40.1**	-0.07	0.26	**260.8**	0.09	0.36
LR7ADC	**324.3**	0.58	0.76	**359.8**	0.09	0.33	**774.8**	-0.53	0.21	**50.2**	1.01	0.50	**268.3**	0.37	0.23
MKM4G6	**291.0**	-0.43	1.02	**337.4**	-0.48	0.32	**750.5**	-0.70	0.57	**44.4**	0.39	0.11	**235.7**	-0.83	0.19

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MRLNKL	**325.7**	0.62	0.81	**399.3**	1.09	0.68	**1,065.3**	1.50	0.71				**266.0**	0.28	0.08
N9TAJ2	**334.6**	0.89	0.13	**383.4**	0.69	0.09	**1,013.3**	1.14	0.19	**44.2**	0.37	1.48	**260.6**	0.09	0.13
NLRBW3	**278.0**	-0.83	0.07	**328.7**	-0.70	0.07	**722.1**	-0.89	0.07	**36.5**	-0.46	0.10	**285.7**	1.00	0.13
NPRLT3	**346.3**	1.25	0.52	**368.0**	0.30	0.14	**907.0**	0.39	0.21	**46.0**	0.56	0.44	**295.3**	1.36	0.44
PNECFW	**334.7**	0.89	0.45	**383.3**	0.69	0.36	**915.2**	0.45	0.19	**41.2**	0.04	0.32	**276.6**	0.67	0.10
Q2XFZX	**333.2**	0.85	0.10	**382.2**	0.66	0.24	**1,011.1**	1.12	0.12	**34.2**	-0.71	0.01	**272.4**	0.52	0.19
QDCD62	**294.0**	-0.34	0.71	**342.3**	-0.36	0.31	**810.0**	-0.28	0.33	**37.3**	-0.37	0.25	**237.7**	-0.76	0.12
R83AWE	**271.2**	-1.04	5.61	**327.9**	-0.73	5.81	**893.8**	0.30	5.51	**27.5**	-1.43	4.37	**237.4**	-0.77	5.95
RMXUBG	**334.3**	0.88	0.26	**370.0**	0.35	0.17	**940.7**	0.63	0.12	**55.0**	1.53		**263.0**	0.17	0.17
UX4Q7V	**365.4**	1.83	0.05	**424.7**	1.74	0.10	**1,076.8**	1.58	0.06	**39.5**	-0.14	0.37	**293.3**	1.28	0.13
VAX68C	**286.7**	-0.57	1.07	**346.7**	-0.25	0.27	**920.0**	0.49	0.52	**37.0**	-0.41		**223.3**	-1.28	0.28
VF6TKE	**285.3**	-0.61	0.28	**313.7**	-1.09	0.95	**744.7**	-0.74	0.63	**59.5**	2.01	1.25	**248.3**	-0.37	0.69
VNVEPR	**305.3**	0.00	0.13	**354.7**	-0.04	0.04	**1,098.0**	1.73	1.54	**23.9**	-1.81	0.04	**253.5**	-0.18	0.12
WL9YXV	**339.3**	1.03	0.70	**336.7**	-0.50	0.17	**826.3**	-0.17	0.31	**37.7**	-0.33	0.51	**268.3**	0.37	0.97
YUDNNZ	**302.0**	-0.10	0.22	**381.3**	0.64	0.19	**859.7**	0.07	0.86	**36.3**	-0.48	0.34	**242.7**	-0.57	0.07
Z9RD3R	**313.7**	0.25	0.48	**374.0**	0.45	0.32	**986.7**	0.95	0.39	**31.7**	-0.98	0.25	**245.7**	-0.46	0.10
ZXMHL9	**345.1**	1.21	0.36	**411.2**	1.40	0.59	**864.2**	0.10	0.81	**42.8**	0.21	1.84	**285.7**	1.00	0.44

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	305.3	356.4	850.3	40.8	258.3
Median Abs Dev	20.2	21.0	75.5	4.9	18.3
Avg Within Lab SD	19.5	21.8	50.7	4.5	20.5
Labs Included	42	42	43	42	43
Labs Reporting	43	43	43	42	43

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**8.33**	-1.08	0.63	**5.00**	-1.07		**12.00**	-0.60		**3.00**	-1.20	1.70	**35.00**	-0.55	
43AEYN	**12.67**	-0.11	0.31	**13.33**	1.07	0.94	**16.33**	0.34	1.03	**10.00**	0.37	0.98	**35.33**	-0.48	0.62
4QFVKH	**15.33**	0.48	1.44	**10.73**	0.40	1.08	**19.93**	1.12	1.18	**8.43**	0.02	1.31	**41.40**	0.79	1.24
6BH4CM	**11.00**	-0.48		**9.33**	0.04	1.69	**14.67**	-0.02	1.85	**16.67**	1.86	0.57	**41.67**	0.84	2.19
6DZMWG	**17.60**	0.99	0.11	**14.30**	1.32	1.80	**18.07**	0.71	1.78	**16.03**	1.72	1.56	**43.67**	1.26	0.97
6KNBRM	**18.33**	1.15	0.31	**14.00**	1.24	0.81	**19.33**	0.99	0.51	**13.33**	1.11	0.57	**43.00**	1.12	1.43
6MDEPZ	**6.06**	-1.58	0.23	**3.71**	-1.40	1.36	**9.78**	-1.08	0.63	**3.95**	-0.98	0.76	**30.46**	-1.50	0.83
9DV6PW	**21.33**	1.82	2.20	**17.00**	2.01	1.63	**22.33**	1.64	1.36	**14.33**	1.34	1.50	**44.00**	1.33	1.87
AV4QLN	**8.86**	-0.96	0.02	**5.76**	-0.87	0.04	**11.29**	-0.75	0.23	**4.06**	-0.96	0.14	**34.99**	-0.55	0.95
BC9DQW	**20.44**	1.62	0.04	**10.79**	0.42	0.25	**16.38**	0.35	0.09	**12.57**	0.94	0.20	**40.40**	0.58	0.14
DU6KV9	**10.89**	-0.51	0.11	**7.60**	-0.40	0.34	**12.56**	-0.48	0.34	**8.17**	-0.04	0.05	**44.64**	1.46	1.93
EDCALB	**13.33**	0.04	0.31	**9.67**	0.13	0.47	**15.33**	0.12	1.03	**9.00**	0.14	0.98	**33.67**	-0.83	1.22
EDCEZJ	**19.82**	1.48	0.42	**8.04**	-0.29	0.09	**13.85**	-0.20	0.24	**5.78**	-0.58	0.09	**37.18**	-0.09	0.26
H3KUDP	**12.10**	-0.24	0.25	**8.97**	-0.05	0.25	**15.50**	0.16	0.71	**8.10**	-0.06	0.64	**37.63**	0.00	0.49
JM3JZL	**13.81**	0.14	0.27	**10.10**	0.24	0.41	**14.75**	0.00	0.68	**8.28**	-0.02	0.42	**34.54**	-0.65	0.50
JM4JX2	**13.00**	-0.04	0.54	**7.43**	-0.44	1.06	**14.33**	-0.09	1.36	**5.10**	-0.73	0.84	**34.67**	-0.62	1.90
K9KXD8	**8.17**	-1.11	0.63	**6.20**	-0.76	1.13	**11.23**	-0.77	0.31	**2.93**	-1.21	1.50	**35.00**	-0.55	0.54
KJWKZD	**13.51**	0.08	0.10	**8.91**	-0.07	0.80	**13.34**	-0.31	0.12	**8.12**	-0.05	0.49	**38.48**	0.18	0.81
KL9ZUE	**14.29**	0.25	2.26	**9.13**	-0.01	0.15	**13.44**	-0.29	0.52	**8.64**	0.06	0.64	**37.31**	-0.07	0.35
LME3V4	**8.83**	-0.97	0.06	**6.20**	-0.76	0.37	**11.13**	-0.79	0.90	**4.47**	-0.87	0.32	**33.23**	-0.92	0.96
LPG3VZ	**12.10**	-0.24	0.14	**9.06**	-0.03	0.14	**13.26**	-0.33	0.30	**7.68**	-0.15	0.25	**38.00**	0.08	0.64
LR7ADC	**13.68**	0.11	0.19	**10.75**	0.41	0.40	**14.68**	-0.02	0.44	**9.58**	0.27	0.48	**38.39**	0.16	0.53
MKM4G6	**9.93**	-0.72	0.49	**5.74**	-0.88	0.02	**10.93**	-0.83	0.17	**5.67**	-0.60	0.47	**34.26**	-0.70	0.65
N9TAJ2	**23.43**	2.28	0.63	**21.65**	3.21	1.19	**25.95**	2.42	2.33	**18.80**	2.34	1.74	**47.52**	2.06	0.88
NLRBW3	**14.40**	0.27	0.08	**11.86**	0.69	0.08	**15.50**	0.16	0.56	**11.44**	0.69	0.89	**40.07**	0.51	0.17
NPRLT3	**16.67**	0.78	0.31	**12.67**	0.90	0.47	**25.00**	2.22	0.89	**15.33**	1.56	0.57	**34.67**	-0.62	1.36

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PNECFW	**21.61**	1.88	2.22	**17.36**	2.11	0.57	**22.90**	1.76	1.63	**16.23**	1.76	1.50	**48.96**	2.36	0.60
Q2XFZX	**9.88**	-0.73	0.13	**6.67**	-0.64	0.07	**15.29**	0.11	0.20	**5.62**	-0.61	0.08	**43.53**	1.23	0.31
QDCD62	**12.33**	-0.19	0.31	**9.00**	-0.04	0.81	**15.67**	0.19	0.51	**7.33**	-0.23	0.57	**37.67**	0.01	0.31
R83AWE	**28.15**	3.34X	6.96	**31.84**	5.82X	12.81	**33.84**	4.13X	4.03	**32.65**	5.43X	22.23	**53.27**	3.27X	20.10
RMXUBG	**15.33**	0.48	0.72	**9.20**	0.01	0.00	**19.93**	1.12	1.18	**8.77**	0.09	0.74	**41.40**	0.79	0.00
UX4Q7V	**12.58**	-0.13	0.52	**8.25**	-0.24	0.40	**14.79**	0.00	0.45	**6.93**	-0.32	0.65	**36.31**	-0.28	0.48
VAX68C	**13.67**	0.11	0.31	**12.67**	0.90	0.47	**18.33**	0.77	1.36	**9.97**	0.36	0.06	**36.00**	-0.34	0.54
VF6TKE	**14.71**	0.34	0.89	**11.15**	0.51	0.62	**11.72**	-0.66	0.48	**8.48**	0.03	0.99	**37.21**	-0.09	1.37
VNVEPR	**10.00**	-0.71	3.54	**7.50**	-0.43	3.65	**5.00**	-2.12	0.90	**5.00**	-0.75	2.38	**12.43**	-5.26X	5.85
WL9YXV	**12.53**	-0.14	0.93	**8.55**	-0.16	0.88	**13.20**	-0.34	1.41	**8.16**	-0.04	2.00	**37.53**	-0.02	0.63
YUDNNZ	**13.00**	-0.04	0.54	**9.67**	0.13	0.47	**16.67**	0.41	1.36	**9.33**	0.22	0.57	**37.67**	0.01	0.83
Z9RD3R	**56.67**	9.69X	1.25	**49.00**	10.23X	5.33	**60.67**	9.94X	2.72	**51.67**	9.68X	8.87	**75.00**	7.80X	2.86

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	13.2	9.16	14.8	8.36	37.6
Median Abs Dev	2.2	1.70	2.1	2.63	2.8
Avg Within Lab SD	1.8	1.23	1.1	1.02	1.8
Labs Included	36	36	36	36	35
Labs Reporting	38	38	38	38	38

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BC9DQW	**195.8**		0.30	**57.1**		0.39	**311.0**		1.23	**69.0**		0.80	**308.6**		0.51
EUL3DK	**171.2**		1.38	**33.7**		1.36	**311.7**		0.70	**39.3**		1.16	**332.7**		1.32

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	183.5	45.4	311.3	54.2	320.6
Median Abs Dev					
Avg Within Lab SD	0.9	0.4	0.8	0.5	1.6
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**203.0**		1.30	**65.0**		1.37	**506.3**		1.35	**55.0**		1.33	**352.0**		1.06
RMXUBG	**199.0**		0.56	**68.0**		0.36	**492.0**		0.43	**58.3**		0.47	**331.7**		0.94

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	201.0	66.5	499.2	56.7	341.8
Median Abs Dev					
Avg Within Lab SD	3.1	4.8	8.3	3.3	4.3
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**3.00**			**1.40**		1.69	**1.63**		1.37	**6.33**		1.34	**1.00**		1.36
4VNGB2	**2.02**		0.11	**0.97**		0.35	**1.49**		0.57	**3.27**		0.02	**0.60**		0.48
KL9ZUE	**1.98**		1.50	**0.31**		0.17	**0.66**		0.90	**3.97**		0.51	**0.30**		0.96
LME3V4	**0.80**		0.86							**2.93**		1.40			

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2.00	0.97	1.49	3.62	0.60
Median Abs Dev					
Avg Within Lab SD	0.46	0.10	0.11	0.43	0.15
Labs Included	4	3	3	4	3
Labs Reporting	4	3	3	4	3

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNGB2	**14.0**		0.25	**64.3**		0.37	**13.6**		1.92	**21.5**		1.92	**348.3**		0.33
8RURFX	**7.5**		1.76	**31.0**		1.28	**4.7**		0.43	**6.1**		0.48	**209.5**		0.35
GN6AFQ	**10.4**		0.24	**38.7**		0.80	**4.8**		0.21	**12.0**		0.07	**263.0**		0.59
XMD7EU	**7.7**		0.89	**37.0**		1.26	**3.5**		0.27	**13.2**		0.25	**256.8**		1.85

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	9.07	37.8	4.75	12.6	259.9
Median Abs Dev					
Avg Within Lab SD	0.42	1.2	0.48	0.8	5.1
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNGB2	**160.5**		0.58	**55.5**			**330.3**		1.31	**56.7**		0.96	**317.2**		0.86
8RURFX	**110.5**		1.55	**40.1**		1.59	**239.9**		1.45	**32.8**		1.10	**202.5**		1.77
GN6AFQ	**132.8**		0.51	**49.4**		0.07	**254.1**		0.25	**43.0**		0.01	**241.5**		0.27
XMD7EU	**143.8**		1.00	**49.2**		0.69	**272.5**		0.36	**57.1**		1.37	**258.7**		0.25

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	138.3	49.3	263.3	49.9	250.1
Median Abs Dev					
Avg Within Lab SD	3.9	1.5	6.5	2.4	4.2
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNGB2	**1,862.5**		0.54	**3,975.3**		0.38	**4,882.0**		1.42	**584.7**		1.52	**5,277.0**		0.92
8RURFX	**1,310.1**		1.52	**3,120.7**		1.81	**3,663.9**		1.33	**348.3**		0.77	**3,395.1**		1.72
GN6AFQ	**2,046.3**		0.09	**3,810.7**		0.10	**3,879.7**		0.18	**473.5**		0.09	**4,262.0**		0.26
XMD7EU	**1,722.3**		1.18	**3,701.7**		0.75	**3,603.0**		0.42	**488.1**		1.03	**4,415.3**		0.34

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1,792.4	3,756.2	3,771.8	480.8	4,338.7
Median Abs Dev					
Avg Within Lab SD	52.5	99.5	95.2	21.5	68.7
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNGB2	**346.7**		1.20	**597.7**		0.82	**1,304.6**		1.28	**41.4**		1.06	**680.6**		1.52
8RURFX	**170.6**		1.29	**294.5**		1.79	**715.8**		1.48	**28.9**		0.97	**237.5**		0.77
GN6AFQ	**221.7**		0.12	**367.4**		0.18	**760.0**		0.04	**38.8**		0.09	**319.4**		0.11
XMD7EU	**242.6**		0.93	**377.6**		0.28	**772.9**		0.38	**53.2**		1.39	**341.5**		1.03

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	232.1	372.5	766.5	40.1	330.5
Median Abs Dev					
Avg Within Lab SD	7.4	9.8	23.1	2.4	8.5
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNGB2	**57.30**		0.62	**10.67**		0.20	**16.28**		1.11	**66.65**		0.12	**33.88**		0.66
8RURFX	**37.45**		1.26	**4.91**		1.27	**7.13**		1.11	**42.80**		1.63	**17.43**		0.84
GN6AFQ	**52.17**		0.43	**9.37**		0.70	**8.55**		0.40	**61.38**		0.11	**25.71**		1.24
XMD7EU	**55.08**		1.35	**7.51**		1.36	**9.52**		1.16	**65.75**		1.14	**21.65**		1.15

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	53.6	8.44	9.03	63.6	23.7
Median Abs Dev					
Avg Within Lab SD	1.8	0.29	0.23	3.2	0.8
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4VNGB2	**1.74**		0.18	**2.27**		0.47	**22.50**		1.34	**4.31**		0.18	**4.91**		0.19
8RURFX	**0.94**		1.51	**1.29**		1.70	**10.89**		1.16	**2.33**		1.25	**2.68**		0.38
GN6AFQ	**1.81**		0.17	**1.74**		0.95	**13.49**		0.02	**3.40**		0.05	**3.51**		0.19
XMD7EU	**1.41**		1.29	**1.68**		0.06	**12.01**		0.91	**4.36**		1.55	**2.62**		1.94

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.58	1.71	12.8	3.86	3.10
Median Abs Dev					
Avg Within Lab SD	0.06	0.06	0.5	0.18	0.29
Labs Included	4	4	4	4	4
Labs Reporting	4	4	4	4	4

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
8RURFX	**1.11**	-0.01	0.32	**1.09**	0.04	1.08	**0.95**	-0.05	0.82	**1.19**	-0.10	1.53	**1.20**	0.15	1.06
AWYAPB	**0.92**	-1.51	0.08	**0.90**	-1.69	0.12	**0.78**	-1.40	0.09	**0.99**	-1.60	0.08	**0.98**	-1.51	0.17
EDCALB	**1.37**	2.09	2.36	**1.15**	0.64	0.81	**1.10**	1.20	3.11	**1.39**	1.46	1.83	**1.47**	2.24	2.03
H3KUDP	**1.16**	0.45	0.58	**1.11**	0.30	0.27	**1.00**	0.39	0.35	**1.20**	-0.02	0.17	**1.22**	0.34	0.00
JWQEY2	**1.01**	-0.75	0.29	**0.94**	-1.32	0.00	**0.81**	-1.17	0.00	**1.02**	-1.36	0.00	**1.04**	-1.04	0.00
KLAVF6	**1.18**	0.56	0.00	**1.18**	0.89	0.00	**1.18**	1.79	0.00	**1.18**	-0.17	0.00	**1.18**	0.00	0.00
LME3V4	**1.15**	0.35	2.00	**1.08**	-0.04	2.86	**0.99**	0.26	0.35	**1.27**	0.57	2.44	**1.25**	0.60	2.29
NLRBW3	**1.09**	-0.17	0.53	**1.06**	-0.18	0.09	**0.96**	0.05	0.25	**1.20**	0.02	0.32	**1.17**	-0.01	0.13
RJWQJU	**1.09**	-0.11	0.76	**1.10**	0.18	1.24	**0.91**	-0.33	0.35	**1.23**	0.24	0.30	**1.17**	-0.02	0.43
RQE2YG	**1.11**	0.01	0.92	**1.04**	-0.38	0.41	**0.94**	-0.08	0.77	**1.21**	0.06	0.17	**1.18**	0.00	1.09
V4AKZQ	**0.97**	-1.13	0.29	**0.91**	-1.60	0.47	**0.83**	-0.98	0.70	**1.03**	-1.28	0.30	**1.05**	-0.97	0.28
ZCPUG8	**1.23**	0.96	0.29	**1.17**	0.83	0.00	**1.00**	0.39	0.35	**1.36**	1.23	0.00	**1.33**	1.21	0.16

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.11	1.08	0.95	1.20	1.18
Median Abs Dev	0.06	0.05	0.05	0.05	0.06
Avg Within Lab SD	0.02	0.02	0.02	0.03	0.04
Labs Included	12	12	12	12	12
Labs Reporting	12	12	12	12	12

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
43AEYN	**14.5**	0.14	0.20	**17.6**	-0.03	0.55	**20.3**	-0.14	0.18	**16.3**	0.27	0.40	**89.6**	1.24	0.76
BNN87V	**11.9**	-0.77	0.40	**17.4**	-0.07	0.62	**19.5**	-0.48	1.01	**14.6**	-0.19	1.39	**80.3**	-0.26	1.22
JM4JX2	**14.7**	0.23	2.13	**18.2**	0.11	1.45	**21.1**	0.17	1.63	**14.1**	-0.32	1.22	**76.6**	-0.87	0.81
KL9ZUE	**11.7**	-0.84	1.11	**15.8**	-0.43	1.38	**18.9**	-0.73	1.63	**12.9**	-0.63	1.54	**83.5**	0.26	1.48
NLRBW3	**16.3**	0.82	0.90	**29.1**	2.59	0.57	**23.8**	1.29	0.26	**21.0**	1.50	0.39	**87.8**	0.95	0.92
R44XYT	**18.5**	1.58	0.05	**26.7**	2.05	0.04	**25.7**	2.10	0.05	**22.6**	1.92	0.02	**79.0**	-0.48	0.09
R44YZE	**11.7**	-0.86	0.49	**17.8**	0.03	0.42	**19.8**	-0.35	0.35	**13.8**	-0.39	0.38	**80.3**	-0.26	1.38
VF6TKE	**13.7**	-0.14	0.98	**17.3**	-0.08	1.67	**21.0**	0.14	1.20	**16.0**	0.19	1.33	**88.7**	1.09	0.55

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	14.1	17.7	20.7	15.3	81.9
Median Abs Dev	2.2	0.4	1.0	1.3	4.2
Avg Within Lab SD	0.6	0.7	0.8	0.8	2.1
Labs Included	8	8	8	8	8
Labs Reporting	8	8	8	8	8

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**11.0**	-3.24	0.58	**27.3**	-0.48	0.51	**22.3**	-1.14	0.54	**16.2**	-2.45	0.30	**93.8**	0.14	0.50
3PMHM7	**16.4**	-0.89	0.46	**31.2**	0.25	0.60	**25.7**	-0.17	0.88	**20.4**	-1.09	0.95	**92.0**	0.00	0.24
3YVGTM	**12.0**	-2.81		**23.3**	-1.25	0.39	**20.0**	-1.81	0.93	**19.3**	-1.43	2.18	**95.0**	0.23	0.75
46WTPJ	**41.8**	10.16X	8.21	**65.5**	6.83X	3.81	**63.7**	10.68X	3.99	**34.1**	3.35X	1.64	**139.6**	3.60	0.77
6DZMWG	**18.4**	0.00	1.00	**32.6**	0.52	0.39	**25.9**	-0.12	0.74	**22.4**	-0.45	0.49	**167.7**	5.73X	0.48
6MDEPZ	**19.4**	0.42	0.15	**36.9**	1.34	0.90	**28.8**	0.70	1.49	**24.2**	0.13	0.30	**94.7**	0.21	0.46
AWYAPB	**14.9**	-1.56	0.77	**26.8**	-0.58	0.49	**21.7**	-1.34	0.98	**16.3**	-2.42	0.71	**92.3**	0.02	0.08
BC9DQW	**19.0**	0.24	0.22	**35.0**	0.99	0.47	**26.5**	0.04	0.25	**24.2**	0.14	0.20	**97.8**	0.44	0.17
BD4XFG	**19.2**	0.31	1.69	**28.7**	-0.22	0.44	**26.5**	0.04	0.30	**23.1**	-0.20	0.47	**88.8**	-0.24	0.89
BHZM2U	**18.4**	-0.01	0.13	**29.6**	-0.05	0.10	**25.0**	-0.38	0.16	**24.2**	0.14	0.10	**89.0**	-0.23	0.06
BNN87V	**15.2**	-1.42	1.85	**24.6**	-1.01	1.38	**25.5**	-0.24	2.09	**20.5**	-1.05	1.92	**84.1**	-0.60	1.89
EDCALB	**13.1**	-2.33	1.39	**19.0**	-2.08	0.80	**21.0**	-1.52	0.65	**19.8**	-1.27	0.70	**66.6**	-1.92	0.67
ELRQHQ	**18.5**	0.02		**32.2**	0.45	0.00	**29.3**	0.85	0.00	**23.5**	-0.08		**88.3**	-0.28	0.00
EUL3DK	**17.3**	-0.48	0.67	**33.0**	0.60	0.67	**26.3**	0.00	0.54	**22.3**	-0.46	0.61	**107.7**	1.18	0.16
FJVWXR	**19.5**	0.46	1.89	**41.1**	2.16	1.51	**30.9**	1.31	1.72	**25.9**	0.68	0.85	**88.6**	-0.26	1.23
GN6AFQ	**17.4**	-0.46	0.10	**23.7**	-1.18	0.39	**21.1**	-1.50	0.25	**24.1**	0.10	0.50	**84.1**	-0.60	0.51
H3KUDP	**18.7**	0.10	0.13	**33.8**	0.75	0.23	**29.7**	0.96	0.36	**25.6**	0.59	0.24	**98.5**	0.49	0.31
JM3JZL	**18.2**	-0.12	0.38	**28.3**	-0.30	0.79	**28.0**	0.47	0.91	**24.1**	0.11	1.03	**84.5**	-0.57	0.22
JM4JX2	**13.1**	-2.35	0.08	**20.0**	-1.90	1.09	**19.9**	-1.84	0.79	**16.1**	-2.49	0.82	**61.7**	-2.29	0.92
JWQEY2	**18.0**	-0.19		**29.0**	-0.16	0.67	**25.7**	-0.19	0.54	**22.7**	-0.35	0.61	**92.0**	0.00	0.28
KLAVF6	**18.5**	0.02	0.05	**42.6**	2.45	0.02	**30.5**	1.18	0.04	**30.2**	2.08	0.07	**128.6**	2.77	0.02
LME3V4	**17.4**	-0.47	1.29	**28.5**	-0.27	0.99	**23.8**	-0.72	1.40	**21.5**	-0.74	0.60	**108.6**	1.26	3.11
LPG3VZ	**18.2**	-0.09	0.80	**29.5**	-0.07	0.40	**27.4**	0.32	0.51	**22.8**	-0.31	0.61	**77.0**	-1.14	0.23
LR7ADC	**20.0**	0.70	0.26	**29.9**	0.00	0.46	**29.2**	0.83	0.90	**26.3**	0.82	0.31	**87.4**	-0.35	0.68
MKM4G6	**19.1**	0.29	1.22	**31.2**	0.26	3.67	**27.9**	0.46	1.02	**22.2**	-0.49	2.90	**85.9**	-0.46	2.88
N9TAJ2	**19.5**	0.44	0.58	**36.4**	1.26	0.95	**25.1**	-0.34	0.23	**27.5**	1.21	0.48	**84.0**	-0.60	0.92

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NLRBW3	**18.6**	0.06	0.69	**33.5**	0.69	0.27	**26.8**	0.14	0.24	**23.8**	0.02	0.34	**99.7**	0.59	0.62
NPRLT3	**19.3**	0.39	0.67	**29.3**	-0.10	1.02	**24.0**	-0.67	2.78	**24.3**	0.19	2.18	**98.7**	0.50	0.43
PWB7FF	**17.7**	-0.34	0.67	**34.3**	0.86	2.05	**29.3**	0.86	0.54	**22.7**	-0.35	1.21	**90.7**	-0.10	0.65
R39FU7	**40.0**	9.38X	1.16	**60.0**	5.78X	1.77	**57.0**	8.76X	0.93	**57.7**	10.94X	1.60	**202.0**	8.32X	2.14
R44XYT	**297.1**	121.34X	1.03	**73.3**	8.33X	0.13	**497.0**	134.51X	0.11	**68.9**	14.56X	0.06	**449.3**	27.01X	0.02
R83AWE	**18.2**	-0.09	2.99	**29.3**	-0.11	1.77	**24.3**	-0.58	2.17	**22.8**	-0.30	0.84	**103.2**	0.85	1.37
RJWQJU	**19.1**	0.27	0.98	**28.0**	-0.36	1.02	**26.3**	-0.01	0.96	**24.2**	0.14	1.41	**98.3**	0.47	1.14
RQE2YG	**20.1**	0.73	0.18	**34.5**	0.88	0.22	**28.8**	0.70	0.42	**24.7**	0.31	0.18	**97.0**	0.38	1.20
UR3CME	**18.3**	-0.07	0.08	**30.7**	0.16	0.48	**30.3**	1.14	0.56	**24.8**	0.34	0.35	**97.5**	0.42	1.00
V4AKZQ	**19.7**	0.56	0.09	**30.5**	0.12	0.07	**27.4**	0.31	0.24	**24.9**	0.36	0.14	**85.4**	-0.50	0.24
VF6TKE	**21.3**	1.26	1.34	**28.7**	-0.23	0.39	**24.7**	-0.48	1.42	**21.0**	-0.89	1.05	**92.0**	0.00	1.13
XMD7EU	**17.5**	-0.42	0.12	**28.0**	-0.36	0.68	**22.1**	-1.21	0.46	**23.8**	0.00	0.98	**85.0**	-0.53	0.36
XVTM9P	**20.0**	0.68		**31.7**	0.35	0.77	**26.7**	0.10	0.54	**25.3**	0.51	0.61	**100.7**	0.66	0.33
ZCPUG8	**20.0**	0.68		**30.7**	0.16	0.39	**27.3**	0.29	0.54	**24.7**	0.29	0.61	**90.7**	-0.10	0.16

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	18.4	29.9	26.3	23.8	92.0
Median Abs Dev	1.0	2.3	2.0	1.1	6.3
Avg Within Lab SD	0.9	1.5	1.1	1.0	3.5
Labs Included	37	37	37	37	37
Labs Reporting	40	40	40	40	40

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**247.5**	-0.83	0.75	**61.2**	-1.35	1.13	**470.0**	-0.41	0.11	**64.3**	-0.20	0.31	**449.2**	-0.08	0.43
3PMHM7	**246.8**	-0.85	0.29	**69.2**	-0.21	0.45	**427.1**	-1.00	0.04	**64.1**	-0.24	0.41	**403.7**	-1.23	0.08
3YVGTM	**292.3**	0.64	2.59	**67.3**	-0.47	1.67	**563.0**	0.87	1.61	**73.0**	0.96	2.27	**486.7**	0.87	2.95
46WTPJ	**272.5**	-0.01	0.72	**71.1**	0.06	0.21	**610.5**	1.53	0.68	**59.5**	-0.85	1.18	**485.2**	0.83	0.74
6DZMWG	**241.5**	-1.02	0.87	**56.2**	-2.05	1.16	**441.9**	-0.80	0.32	**55.6**	-1.38	0.45	**408.3**	-1.11	1.44
6MDEPZ	**316.1**	1.42	0.10	**83.5**	1.83	0.73	**635.3**	1.87	0.48	**67.5**	0.23	0.60	**473.0**	0.52	1.13
AWYAPB	**264.7**	-0.26	0.17	**70.1**	-0.07	0.14	**475.6**	-0.33	0.29	**66.3**	0.07	1.39	**445.7**	-0.17	0.10
BC9DQW	**289.3**	0.54	0.27	**70.0**	-0.09	0.09	**461.9**	-0.52	0.21	**66.7**	0.12	0.19	**457.8**	0.14	0.03
BD4XFG	**276.3**	0.12	0.75	**72.5**	0.27	0.90	**501.3**	0.02	1.05	**66.1**	0.04	1.13	**467.6**	0.38	0.40
BHZM2U	**260.7**	-0.40	0.13	**64.2**	-0.91	0.10	**478.0**	-0.30	0.08	**68.1**	0.30	0.19	**452.7**	0.01	0.14
BNN87V	**258.9**	-0.45	1.70	**68.1**	-0.36	1.00	**529.0**	0.40	1.83	**60.2**	-0.76	1.93	**474.9**	0.57	2.45
EDCALB	**309.7**	1.21	1.11	**81.7**	1.58	1.03	**723.3**	3.09X	0.35	**64.3**	-0.21	1.27	**524.3**	1.82	0.86
ELRQHQ	**258.4**	-0.47	0.00	**70.1**	-0.07	0.00	**468.1**	-0.44	0.00	**62.4**	-0.46	0.00	**418.5**	-0.85	
EUL3DK	**261.7**	-0.36	0.05	**68.7**	-0.28	0.24	**469.0**	-0.42	0.04	**63.7**	-0.29	0.24	**452.0**	-0.01	0.07
FJVWXR	**256.3**	-0.54	0.67	**73.7**	0.43	0.95	**453.7**	-0.64	0.25	**65.7**	-0.02	0.85	**419.7**	-0.83	1.02
GN6AFQ	**295.9**	0.76	0.65	**76.1**	0.78	0.05	**510.2**	0.14	0.29	**76.9**	1.49	0.35	**462.5**	0.26	0.14
H3KUDP	**274.5**	0.06	0.11	**71.7**	0.15	0.51	**499.9**	0.00	0.21	**70.2**	0.58	0.25	**445.4**	-0.17	0.20
JM3JZL	**282.1**	0.31	0.42	**70.6**	0.00	0.53	**544.9**	0.62	0.64	**62.4**	-0.46	0.55	**479.7**	0.69	0.61
JM4JX2	**244.5**	-0.93	0.19	**65.5**	-0.73	0.87	**420.0**	-1.10	0.11	**63.5**	-0.31	2.02	**411.0**	-1.04	0.38
JWQEY2	**273.0**	0.01	0.32	**66.7**	-0.56	0.24	**463.7**	-0.50	0.43	**62.0**	-0.51	0.41	**439.0**	-0.34	0.59
KLAVF6	**304.0**	1.02	0.02	**85.4**	2.10	0.05	**490.6**	-0.13	0.00	**76.4**	1.42	0.04	**492.7**	1.02	0.01
LME3V4	**271.3**	-0.05	1.04	**69.3**	-0.18	2.27	**492.0**	-0.11	0.64	**68.7**	0.38	1.70	**448.0**	-0.11	2.22
LPG3VZ	**255.9**	-0.55	0.59	**66.4**	-0.60	0.74	**490.1**	-0.13	0.30	**62.1**	-0.50	0.66	**447.3**	-0.13	0.34
LR7ADC	**265.9**	-0.22	1.17	**66.0**	-0.66	0.14	**505.5**	0.08	0.54	**67.2**	0.18	0.38	**469.1**	0.42	0.75
N9TAJ2	**252.9**	-0.65	0.12	**67.4**	-0.46	0.31	**523.8**	0.33	0.35	**55.4**	-1.40	0.14	**394.5**	-1.46	0.54
NLRBW3	**291.5**	0.61	0.21	**72.1**	0.21	0.75	**485.3**	-0.20	0.31	**69.6**	0.50	0.22	**464.8**	0.31	0.23

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NPRLT3	**309.0**	1.19	0.46	**73.3**	0.39	1.04	**552.7**	0.73	0.30	**81.3**	2.08	0.85	**516.3**	1.62	0.53
PWB7FF	**241.0**	-1.04	0.15	**69.3**	-0.18	0.24	**434.0**	-0.91	0.31	**51.3**	-1.95	0.24	**378.7**	-1.86	0.08
R39FU7	**561.7**	9.47X	1.41	**148.3**	11.06X	0.48	**1,111.7**	8.45X	1.30	**143.0**	10.36X	0.82	**991.7**	13.63X	0.57
R44YZE	**248.7**	-0.79	0.10	**65.3**	-0.75	0.48	**460.0**	-0.55	0.16	**58.7**	-0.96	1.25	**428.0**	-0.61	0.27
R83AWE	**317.9**	1.48	3.47	**92.0**	3.05X	6.88	**649.2**	2.06	4.61	**72.8**	0.94	0.76	**430.7**	-0.55	1.92
RJWQJU	**302.5**	0.97	2.12	**86.7**	2.29	3.65	**499.7**	0.00	1.47	**79.9**	1.89	2.72	**489.9**	0.95	1.99
RQE2YG	**297.3**	0.81	0.18	**74.8**	0.60	0.45	**591.7**	1.27	0.11	**62.2**	-0.49	0.35	**436.3**	-0.40	0.14
UR3CME	**289.7**	0.56	0.13	**78.9**	1.17	0.64	**620.6**	1.67	0.39	**70.7**	0.66	0.25	**468.8**	0.42	0.38
V4AKZQ	**299.8**	0.89	0.13	**71.2**	0.08	0.11	**607.6**	1.49	0.20	**61.5**	-0.58	0.44	**471.3**	0.48	0.61
VF6TKE	**238.3**	-1.13	1.13	**75.7**	0.71	1.05	**448.3**	-0.71	0.50	**57.8**	-1.08	0.95	**413.7**	-0.98	0.76
XMD7EU	**269.9**	-0.09	0.23	**71.7**	0.15	0.13	**523.5**	0.33	1.38	**67.3**	0.20	0.69	**448.5**	-0.10	0.09
XVTM9P	**295.0**	0.73	0.55	**78.0**	1.05	1.09	**524.3**	0.34	1.09	**72.7**	0.92	0.85	**502.0**	1.25	0.20
ZCPUG8	**323.7**	1.67	1.42	**78.3**	1.10	1.26	**643.0**	1.98	0.24	**66.0**	0.02	0.41	**493.3**	1.04	0.45

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	272.7	70.6	499.7	65.8	452.3
Median Abs Dev	19.7	3.3	36.1	3.7	22.1
Avg Within Lab SD	11.4	2.4	25.5	2.5	14.8
Labs Included	38	37	37	38	38
Labs Reporting	39	39	39	39	39

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**2,258.7**	-0.17	0.30	**3,640.7**	-0.38	0.51	**4,207.2**	-0.26	0.12	**541.7**	-0.10	0.46	**4,318.2**	0.37	0.53
3YVGTM	**2,521.0**	1.01	2.13	**3,989.3**	0.65	1.62	**4,626.7**	0.83	1.76	**590.7**	0.61	2.00	**4,568.7**	0.92	2.50
46WTPJ	**2,671.0**	1.69	0.23	**4,539.3**	2.26	0.94	**5,343.3**	2.70X	0.28	**558.1**	0.14	0.22	**5,085.9**	2.07	0.61
6DZMWG	**2,167.0**	-0.58	1.00	**3,500.7**	-0.79	2.02	**4,328.3**	0.06	1.77	**452.5**	-1.38	0.27	**4,266.3**	0.26	1.45
6MDEPZ	**2,207.7**	-0.40	0.14	**3,790.3**	0.06	0.20	**4,430.2**	0.32	0.19	**433.8**	-1.65	0.28	**3,791.7**	-0.79	0.34
AWYAPB	**2,543.1**	1.11	0.34	**4,346.0**	1.69	0.17	**4,625.5**	0.83	0.33	**540.1**	-0.12	0.40	**4,959.7**	1.79	0.39
BC9DQW	**2,358.7**	0.28	0.13	**3,767.3**	0.00	0.38	**4,075.7**	-0.60	0.23	**629.7**	1.17	0.39	**4,281.7**	0.29	0.23
BD4XFG	**2,276.3**	-0.09	0.23	**3,736.0**	-0.10	0.60	**4,110.7**	-0.51	0.90	**534.6**	-0.20	0.45	**4,208.0**	0.13	0.45
BHZM2U	**2,213.3**	-0.37	0.04	**3,419.7**	-1.02	0.02	**4,050.0**	-0.67	0.01	**567.7**	0.28	0.06	**4,173.7**	0.05	0.05
BNN87V	**2,215.9**	-0.36	1.34	**3,673.6**	-0.28	0.89	**4,397.0**	0.24	1.68	**488.8**	-0.86	1.15	**4,321.3**	0.38	2.24
EDCALB	**2,203.3**	-0.42	0.72	**3,639.3**	-0.38	1.74	**4,457.7**	0.39	1.23	**526.7**	-0.32	0.25	**3,331.0**	-1.81	2.00
ELRQHQ	**2,189.5**	-0.48		**3,723.3**	-0.13	0.00	**4,047.8**	-0.67	0.00	**493.7**	-0.79	0.00	**3,949.9**	-0.44	0.00
EUL3DK	**2,228.3**	-0.31	0.11	**3,761.3**	-0.02	0.43	**4,259.7**	-0.12	0.50	**479.0**	-1.00	0.08	**4,355.7**	0.45	0.77
FJVWXR	**2,232.3**	-0.29	0.53	**3,611.3**	-0.46	0.36	**4,004.7**	-0.79	0.52	**563.0**	0.21	0.36	**4,046.7**	-0.23	1.13
GN6AFQ	**2,484.3**	0.85	0.19	**3,770.2**	0.00	0.27	**3,975.7**	-0.86	0.25	**625.3**	1.11	0.10	**3,923.3**	-0.50	0.41
H3KUDP	**2,400.3**	0.47	0.16	**4,108.7**	1.00	0.16	**4,453.3**	0.38	0.21	**595.9**	0.68	0.14	**4,269.7**	0.26	0.23
JM3JZL	**2,459.8**	0.74	1.34	**3,934.6**	0.49	0.38	**4,306.6**	0.00	0.65	**586.5**	0.55	0.67	**4,025.1**	-0.28	0.60
JM4JX2	**2,106.5**	-0.86	0.05	**3,246.5**	-1.53	0.76	**3,557.5**	-1.95	0.19	**629.0**	1.16	0.86	**3,677.0**	-1.05	0.28
JWQEY2	**2,286.3**	-0.05	0.25	**3,605.3**	-0.48	0.27	**3,806.7**	-1.30	0.54	**480.3**	-0.98	0.26	**3,953.0**	-0.44	0.27
KLAVF6	**2,518.3**	1.00	0.04	**4,195.6**	1.25	0.00	**4,308.7**	0.01	0.02	**567.2**	0.27	0.01	**4,516.7**	0.81	0.04
LME3V4	**2,555.7**	1.17	0.65	**3,927.7**	0.47	1.05	**4,427.0**	0.31	1.60	**576.7**	0.41	1.10	**4,880.7**	1.61	0.87
LPG3VZ	**2,212.0**	-0.38	0.65	**3,804.9**	0.11	0.93	**4,131.0**	-0.46	1.18	**545.1**	-0.05	0.21	**3,860.9**	-0.64	1.30
LR7ADC	**2,344.4**	0.22	0.60	**3,650.2**	-0.35	0.43	**4,057.7**	-0.65	0.70	**570.5**	0.32	0.48	**4,004.1**	-0.32	1.13
N9TAJ2	**2,065.7**	-1.04	0.22	**3,426.3**	-1.00	0.08	**4,131.0**	-0.46	0.33	**529.6**	-0.27	1.18	**3,580.3**	-1.26	0.16
NPRLT3	**2,915.7**	2.79X	0.41	**4,453.0**	2.01	0.21	**5,174.3**	2.26	0.20	**684.3**	1.96	0.26	**5,231.7**	2.39	0.50
PWB7FF	**2,053.3**	-1.10	0.44	**3,763.3**	-0.02	0.10	**3,678.3**	-1.64	0.12	**437.0**	-1.61	0.11	**3,791.7**	-0.79	0.07

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
R39FU7	**5,213.7**	13.16X	0.36	**7,925.0**	12.18X	3.12	**9,180.3**	12.68X	2.02	**1,326.7**	11.22X	0.73	**9,340.7**	11.47X	3.16
R44YZE	**2,096.7**	-0.90	0.68	**3,728.0**	-0.12	0.14	**4,126.7**	-0.47	0.36	**490.3**	-0.84	0.48	**4,214.3**	0.14	0.26
R83AWE	**2,715.2**	1.89	3.96	**4,201.0**	1.27	3.77	**4,821.3**	1.34	3.70	**621.9**	1.06	4.37	**3,927.1**	-0.49	2.33
RJWQJU	**2,624.7**	1.48	1.53	**4,262.1**	1.45	2.21	**4,543.5**	0.62	1.34	**524.6**	-0.35	1.81	**4,926.1**	1.71	1.49
RQE2YG	**2,490.7**	0.88	0.06	**4,087.0**	0.93	0.48	**4,717.3**	1.07	0.23	**491.7**	-0.82	0.15	**4,137.7**	-0.03	0.24
UR3CME	**2,418.3**	0.55	0.13	**4,158.0**	1.14	0.43	**4,821.0**	1.34	0.39	**515.9**	-0.47	0.19	**4,263.7**	0.25	0.53
V4AKZQ	**2,414.2**	0.53	0.07	**3,897.9**	0.38	0.08	**4,512.6**	0.54	0.30	**492.9**	-0.80	0.27	**4,060.6**	-0.20	0.38
VF6TKE	**2,127.0**	-0.76	1.21	**3,486.0**	-0.83	0.53	**4,334.0**	0.07	0.64	**556.3**	0.11	0.49	**4,079.3**	-0.16	0.95
XMD7EU	**2,296.3**	0.00	0.14	**3,635.7**	-0.39	0.43	**3,988.3**	-0.83	0.97	**562.5**	0.20	0.59	**3,836.7**	-0.69	1.05
XVTM9P	**2,367.3**	0.32	0.95	**3,829.7**	0.18	0.23	**4,225.0**	-0.21	0.28	**552.0**	0.05	0.72	**4,163.3**	0.03	0.73
ZCPUG8	**2,486.3**	0.86	1.10	**4,002.0**	0.68	0.51	**4,526.0**	0.57	0.14	**645.3**	1.39	1.22	**4,045.3**	-0.23	0.28

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2,296.3	3,768.8	4,306.6	548.6	4,150.5
Median Abs Dev	122.0	161.2	219.4	40.0	199.1
Avg Within Lab SD	104.6	154.6	181.8	32.9	115.9
Labs Included	35	36	35	36	36
Labs Reporting	37	37	37	37	37

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3BLB4V	**291.7**	-0.62	0.32	**360.3**	-0.46	0.24	**798.5**	-0.53	0.09	**43.8**	0.01	0.61	**332.8**	0.49	0.56
3YVGTM	**340.7**	1.05	2.77	**404.3**	0.68	1.86	**979.0**	1.14	2.01	**44.3**	0.07	1.77	**345.3**	0.95	2.59
46WTPJ	**330.6**	0.71	0.75	**420.9**	1.12	0.57	**1,071.2**	2.00	0.93	**38.8**	-0.54	0.98	**355.5**	1.33	0.59
6DZMWG	**286.5**	-0.79	1.53	**341.7**	-0.95	1.83	**814.1**	-0.39	0.94	**36.7**	-0.76	1.49	**305.3**	-0.52	1.06
6MDEPZ	**301.3**	-0.29	1.46	**395.6**	0.46	1.28	**911.7**	0.52	1.61	**31.0**	-1.39	0.28	**297.8**	-0.79	1.23
AWYAPB	**304.4**	-0.18	0.36	**378.7**	0.02	0.11	**833.9**	-0.21	0.58	**30.5**	-1.44	0.98	**319.4**	0.00	0.18
BC9DQW	**326.7**	0.58	0.97	**372.7**	-0.14	0.37	**811.3**	-0.42	0.52	**46.6**	0.31	0.13	**348.7**	1.08	1.67
BD4XFG	**318.1**	0.28	1.59	**373.8**	-0.11	1.29	**828.0**	-0.26	1.33	**45.6**	0.20	0.62	**318.2**	-0.04	1.21
BHZM2U	**297.5**	-0.42	0.12	**340.7**	-0.97	0.09	**783.7**	-0.67	0.06	**49.0**	0.58	0.09	**314.8**	-0.17	0.02
BNN87V	**297.3**	-0.43	1.54	**375.3**	-0.07	0.81	**840.1**	-0.15	1.86	**42.3**	-0.16	1.20	**333.3**	0.51	1.38
EDCALB	**329.0**	0.66	0.60	**425.7**	1.24	0.55	**914.7**	0.54	1.27	**41.7**	-0.22	0.65	**320.7**	0.05	0.53
ELRQHQ	**306.8**	-0.10	0.00	**389.0**	0.29		**849.9**	-0.06	0.00	**44.7**	0.11	0.00	**314.9**	-0.16	0.00
EUL3DK	**268.7**	-1.40	0.05	**334.0**	-1.15	0.06	**730.0**	-1.17	0.03	**37.0**	-0.73		**289.0**	-1.12	0.09
FJVWXR	**299.3**	-0.36	0.89	**369.0**	-0.24	0.96	**692.7**	-1.52	0.12	**65.3**	2.35	1.49	**23.3**	-10.87X	0.05
GN6AFQ	**352.3**	1.45	0.26	**412.8**	0.91	0.41	**838.5**	-0.16	0.26	**63.3**	2.14	0.44	**334.6**	0.56	0.65
H3KUDP	**331.1**	0.73	0.08	**421.5**	1.13	0.13	**910.1**	0.50	0.05	**59.6**	1.73	0.80	**342.5**	0.85	0.13
JM3JZL	**319.8**	0.34	0.46	**418.5**	1.05	0.65	**915.4**	0.55	0.44	**48.9**	0.57	0.22	**333.8**	0.53	1.13
JM4JX2	**274.5**	-1.20	0.06	**320.5**	-1.50	0.47	**692.5**	-1.52	0.11	**49.0**	0.58	0.91	**286.0**	-1.23	0.12
JWQEY2	**311.0**	0.04	0.35	**368.3**	-0.25	0.19	**763.7**	-0.86	0.58	**39.0**	-0.51	0.32	**306.7**	-0.47	0.40
KLAVF6	**344.5**	1.18	0.03	**417.9**	1.04	0.02	**906.3**	0.47	0.02	**42.2**	-0.16	0.05	**365.3**	1.69	0.04
LME3V4	**320.3**	0.36	0.93	**377.3**	-0.02	0.67	**887.7**	0.29	0.96	**43.3**	-0.04	0.49	**325.0**	0.21	1.60
LPG3VZ	**291.4**	-0.63	0.51	**369.4**	-0.22	0.16	**910.4**	0.50	0.59	**44.8**	0.11	0.22	**302.9**	-0.61	0.47
LR7ADC	**308.6**	-0.04	1.22	**379.3**	0.03	0.24	**875.3**	0.18	0.16	**48.2**	0.49	0.33	**332.7**	0.49	0.29
N9TAJ2	**281.0**	-0.98	0.32	**352.9**	-0.66	0.31	**818.6**	-0.35	0.24	**58.4**	1.60	2.36	**286.2**	-1.22	0.55
NPRLT3	**308.0**	-0.06	0.24	**347.0**	-0.81	0.32	**826.0**	-0.28	0.14	**43.7**	-0.01	0.49	**309.0**	-0.38	0.65
PWB7FF	**271.0**	-1.32	0.14	**369.7**	-0.22	0.27	**723.3**	-1.23	0.28	**31.3**	-1.35	0.19	**267.0**	-1.92	0.23

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
R39FU7	**709.3**	13.64X	1.13	**867.7**	12.75X	0.53	**1,988.3**	10.51X	0.90	**104.0**	6.57X	0.97	**748.3**	15.75X	0.10
R44YZE	**266.3**	-1.48	0.46	**339.7**	-1.00	0.39	**756.3**	-0.93	1.41	**34.7**	-0.99	0.19	**329.3**	0.37	0.50
R83AWE	**333.1**	0.79	2.45	**429.7**	1.34	3.56	**959.0**	0.95	3.26	**40.7**	-0.33	3.49	**294.0**	-0.93	2.47
RJWQJU	**352.1**	1.44	1.48	**407.3**	0.76	2.52	**873.6**	0.16	1.43	**42.1**	-0.18	1.13	**353.7**	1.26	1.44
RQE2YG	**319.7**	0.34	0.09	**396.0**	0.47	0.34	**970.3**	1.06	0.15	**31.7**	-1.31	0.08	**299.7**	-0.72	0.20
UR3CME	**320.3**	0.36	0.18	**414.3**	0.94	0.78	**982.0**	1.17	0.59	**35.0**	-0.95	0.14	**320.2**	0.03	0.48
V4AKZQ	**325.4**	0.53	0.07	**400.6**	0.59	0.04	**947.0**	0.84	0.35	**32.9**	-1.18	0.03	**316.2**	-0.12	0.38
VF6TKE	**299.9**	-0.34	0.75	**349.6**	-0.74	0.40	**802.3**	-0.50	0.31	**48.3**	0.50	0.81	**306.3**	-0.48	1.79
XMD7EU	**303.0**	-0.23	0.38	**371.7**	-0.16	0.25	**862.3**	0.06	1.64	**43.8**	0.01	0.30	**306.8**	-0.46	0.61
XVTM9P	**334.0**	0.83	0.92	**416.0**	0.99	0.60	**929.3**	0.68	0.30	**48.3**	0.50	0.49	**351.0**	1.16	0.62
ZCPUG8	**360.0**	1.71	1.68	**438.3**	1.57	0.58	**1,015.0**	1.47	0.33	**45.3**	0.18	0.49	**339.0**	0.72	0.38

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	309.8	378.0	856.1	43.7	319.4
Median Abs Dev	17.5	27.4	56.6	4.7	14.5
Avg Within Lab SD	12.5	16.5	32.5	3.1	11.6
Labs Included	36	36	36	36	35
Labs Reporting	37	37	37	37	37

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46WTPJ	**11.60**	-0.04	0.22	**8.33**	-0.34	0.41	**14.08**	-0.06	0.12	**6.97**	-0.38	1.41	**40.98**	0.67	0.56
6DZMWG	**12.25**	0.13	0.42	**9.67**	0.02	0.53	**14.79**	0.12	0.45	**9.30**	0.21	0.71	**36.93**	0.00	0.60
6MDEPZ	**5.94**	-1.53	0.02	**3.54**	-1.62	0.05	**8.51**	-1.47	0.12	**1.88**	-1.66	0.06	**28.47**	-1.41	0.34
AWYAPB	**10.23**	-0.40	0.49	**7.33**	-0.61	0.61	**12.35**	-0.50	1.07	**7.74**	-0.18	1.22	**35.67**	-0.21	0.15
BC9DQW	**25.17**	3.54X	0.68	**17.20**	2.05	0.75	**20.90**	1.65	0.38	**18.00**	2.39	0.95	**47.10**	1.69	0.11
BD4XFG	**15.11**	0.89	1.15	**12.77**	0.86	3.26	**16.64**	0.58	2.09	**9.77**	0.33	1.02	**40.26**	0.55	1.82
EDCALB	**9.50**	-0.59	0.51	**9.50**	-0.02	1.19	**15.50**	0.29	0.73	**5.60**	-0.72	1.01	**33.30**	-0.60	0.29
ELRQHQ	**14.40**	0.70	0.00	**12.60**	0.81	0.00	**16.30**	0.50	0.00	**11.00**	0.64		**40.50**	0.59	
FJVWXR	**17.67**	1.56	0.25	**14.33**	1.28	0.57	**19.33**	1.26	1.27	**13.67**	1.31	0.84	**25.33**	-1.93	0.14
GN6AFQ	**15.78**	1.06	0.09	**10.27**	0.18	0.31	**13.77**	-0.14	0.09	**8.31**	-0.04	0.70	**37.43**	0.08	0.11
H3KUDP	**11.60**	-0.04	0.15	**9.47**	-0.03	0.09	**14.83**	0.13	0.10	**8.63**	0.04	0.25	**38.21**	0.21	0.13
JM3JZL	**11.89**	0.04	0.31	**9.96**	0.10	0.36	**13.42**	-0.23	0.42	**7.61**	-0.22	0.50	**37.63**	0.12	0.10
JM4JX2	**15.00**	0.86	0.60	**8.05**	-0.41	0.63	**18.00**	0.92	0.87	**8.85**	0.10	1.13	**47.00**	1.67	0.68
JWQEY2	**9.67**	-0.55	0.25	**6.67**	-0.78	0.57	**10.33**	-1.01	0.35	**5.67**	-0.70	0.84	**35.67**	-0.21	0.28
KLAVF6	**8.51**	-0.85	0.01	**6.03**	-0.96	0.03	**4.43**	-2.49	0.01	**3.66**	-1.21	0.06	**35.52**	-0.24	0.01
LME3V4	**10.23**	-0.40	0.54	**7.37**	-0.60	1.73	**12.87**	-0.37	0.84	**5.80**	-0.67	2.52	**38.80**	0.31	0.44
LPG3VZ	**11.15**	-0.16	0.15	**8.93**	-0.17	0.22	**12.40**	-0.49	0.44	**8.12**	-0.09	0.85	**34.49**	-0.41	0.02
LR7ADC	**11.47**	-0.07	0.19	**10.26**	0.18	0.30	**14.02**	-0.08	0.41	**9.40**	0.23	0.32	**34.06**	-0.48	0.40
NPRLT3	**13.33**	0.42	0.25	**12.33**	0.74	1.14	**16.33**	0.50	0.35	**13.67**	1.31	0.84	**33.67**	-0.54	0.74
PWB7FF	**14.67**	0.77	0.49	**11.67**	0.56	0.57	**14.33**	0.00	0.35	**10.00**	0.38	1.45	**30.67**	-1.04	0.14
R39FU7	**28.33**	4.37X	0.49	**30.67**	5.67X	3.18	**35.00**	5.20X	2.21	**32.67**	6.08X	1.68	**67.33**	5.05X	0.74
R83AWE	**18.36**	1.74	4.74	**28.52**	5.09X	19.00	**22.13**	1.96	3.90	**27.34**	4.74X	31.54	**39.81**	0.48	4.29
RQE2YG	**6.71**	-1.33	0.03	**3.96**	-1.51	0.07	**9.28**	-1.27	0.02	**2.25**	-1.56	0.08	**30.07**	-1.14	0.04
UR3CME	**9.73**	-0.53	0.15	**7.72**	-0.50	0.19	**14.04**	-0.07	0.21	**6.15**	-0.58	1.04	**35.19**	-0.29	0.10
V4AKZQ	**8.44**	-0.87	0.04	**6.29**	-0.89	0.16	**11.17**	-0.80	0.28	**4.68**	-0.95	0.09	**34.04**	-0.48	0.15
VF6TKE	**14.90**	0.83	0.27	**12.59**	0.81	0.51	**15.30**	0.24	0.50	**10.74**	0.57	0.81	**41.03**	0.68	0.42

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
XVTM9P	**14.27**	0.66	0.11	**11.07**	0.40	0.15	**14.97**	0.16	0.21	**11.57**	0.78	0.17	**42.00**	0.84	0.24
ZCPUG8	**13.67**	0.51	0.25	**13.67**	1.10	2.49	**18.00**	0.92		**9.67**	0.30	1.68	**45.00**	1.34	1.25

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	11.7	9.58	14.3	8.47	36.9
Median Abs Dev	2.4	2.24	2.0	2.30	3.3
Avg Within Lab SD	2.3	1.01	1.6	0.69	4.1
Labs Included	26	26	27	26	27
Labs Reporting	28	28	28	28	28

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46WTPJ	**29.4**	6.80X	0.92	**66.2**	8.65X	2.26	**69.3**	11.81X	1.18	**8.0**	0.08	1.57	**63.4**	9.86X	1.33
6DZMWG	**9.3**	-0.85	0.18	**26.1**	-0.27	1.50	**18.9**	-0.32	0.27	**6.6**	-0.58	0.24	**20.9**	0.40	0.61
AWYAPB	**17.8**	2.39	4.87	**107.5**	17.84X	62.46	**58.7**	9.24X	18.57	**21.5**	6.44X	13.28	**53.1**	7.58X	34.00
BC9DQW	**10.6**	-0.39	0.30	**31.1**	0.83	0.14	**20.5**	0.04	0.15	**7.3**	-0.27	0.14	**21.1**	0.44	0.23
BD4XFG	**11.8**	0.07	0.77	**26.6**	-0.16	1.61	**19.6**	-0.17	0.67	**8.3**	0.20	1.06	**19.7**	0.12	1.01
BHZM2U	**10.3**	-0.47	0.03	**25.1**	-0.49	0.09	**17.8**	-0.59	0.10	**8.2**	0.16	0.05	**18.4**	-0.16	0.15
EDCALB	**9.3**	-0.88	0.80	**21.5**	-1.29	0.67	**19.7**	-0.15	0.39	**7.4**	-0.20	0.73	**15.7**	-0.75	0.88
ELRQHQ	**10.6**	-0.37	0.00	**26.8**	-0.12	0.00	**20.1**	-0.04	0.00	**7.4**	-0.20	0.00	**18.0**	-0.25	
EUL3DK	**17.6**	2.30	0.10	**33.0**	1.26	0.24	**33.3**	3.14	0.12	**9.9**	0.99	0.05	**24.6**	1.23	0.05
FJVWXR	**12.0**	0.17	1.33	**32.3**	1.12	2.54	**24.3**	0.98	4.48	**7.3**	-0.23	2.95	**21.3**	0.50	1.83
GN6AFQ	**11.3**	-0.09	0.09	**25.5**	-0.40	0.70	**20.0**	-0.06	0.46	**12.3**	2.10	0.18	**18.7**	-0.09	0.99
H3KUDP	**11.7**	0.04	0.08	**27.8**	0.12	0.65	**21.8**	0.36	0.05	**7.8**	0.00	0.12	**19.4**	0.07	0.26
JM3JZL	**11.8**	0.10	0.24	**28.0**	0.15	0.66	**18.8**	-0.35	0.10	**7.5**	-0.18	0.33	**17.5**	-0.35	0.40
JM4JX2	**4.6**	-2.68	0.04	**8.7**	-4.15	0.28	**7.4**	-3.11	0.14	**3.2**	-2.20	0.06	**7.3**	-2.63	0.00
JWQEY2	**10.7**	-0.34	0.29	**26.3**	-0.22	0.46	**18.7**	-0.39	0.39	**6.0**	-0.86		**19.0**	-0.02	
KL9ZUE	**8.6**	-1.13	0.53	**25.8**	-0.34	1.73	**20.3**	0.00	0.21	**9.3**	0.71	3.32	**21.8**	0.60	2.55
KLAVF6	**11.4**	-0.05	0.02	**32.4**	1.13	0.03	**22.9**	0.62	0.01	**11.5**	1.73	0.10	**19.1**	0.00	0.11
LME3V4	**12.0**	0.18	0.93	**28.0**	0.16	1.60	**21.0**	0.17	1.51	**6.5**	-0.64	1.40	**23.6**	1.00	2.13
LPG3VZ	**11.8**	0.10	0.27	**26.4**	-0.20	0.99	**17.9**	-0.57	0.25	**6.8**	-0.49	0.06	**15.6**	-0.77	0.22
LR7ADC	**13.2**	0.64	0.24	**26.0**	-0.29	0.87	**20.9**	0.14	0.92	**7.6**	-0.13	0.09	**18.3**	-0.18	0.11
N9TAJ2	**13.0**	0.55	0.05	**30.2**	0.64	0.55	**21.4**	0.28	0.14	**8.8**	0.46	0.24	**18.2**	-0.20	0.23
NPRLT3	**13.7**	0.80	0.29	**31.3**	0.89	1.65	**23.3**	0.74	1.03	**12.0**	1.96	0.92	**24.0**	1.09	2.64
PWB7FF	**10.3**	-0.47	0.29	**28.0**	0.15		**18.7**	-0.39	0.39	**6.3**	-0.70	0.53	**18.0**	-0.25	0.88
R39FU7	**14.0**	0.93		**34.0**	1.49		**26.0**	1.38	1.17	**10.0**	1.02		**22.3**	0.72	0.51
R83AWE	**31.2**	7.50X	8.75	**55.5**	6.27X	10.45	**41.3**	5.06X	6.75	**34.2**	12.42X	17.85	**34.7**	3.48	0.89
RJWQJU	**11.6**	0.00	0.38	**25.7**	-0.35	1.26	**18.6**	-0.41	0.71	**8.2**	0.16	0.69	**20.7**	0.36	0.66

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RQE2YG	**7.6**	-1.52	0.24	**26.2**	-0.26	0.35	**16.3**	-0.95	0.36	**5.2**	-1.23	0.52	**11.6**	-1.68	0.51
UR3CME	**7.5**	-1.55	0.16	**21.3**	-1.34	0.32	**14.1**	-1.48	0.83	**7.9**	0.02	0.49	**15.3**	-0.85	0.35
V4AKZQ	**11.5**	-0.02	0.08	**29.1**	0.39	0.30	**21.8**	0.36	0.16	**7.4**	-0.20	0.17	**18.2**	-0.19	0.23
VF6TKE	**13.8**	0.84	0.46	**24.2**	-0.69	0.66	**27.8**	1.80	0.70	**3.7**	-1.92	0.44	**25.3**	1.37	0.85
XMD7EU	**11.2**	-0.14	0.25	**28.4**	0.23	0.49	**20.3**	0.00	0.92	**8.2**	0.20	0.53	**19.0**	-0.03	0.34
XVTM9P	**13.4**	0.70	0.10	**31.3**	0.89	1.21	**22.3**	0.49	0.39	**9.6**	0.83	0.16	**22.7**	0.79	0.51
ZCPUG8	**12.0**	0.17		**28.3**	0.23	0.46	**23.3**	0.74	0.39	**8.3**	0.24	0.53	**20.7**	0.35	0.51

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	11.6	27.3	20.3	7.83	19.1
Median Abs Dev	1.2	1.7	1.6	0.97	1.8
Avg Within Lab SD	2.0	1.3	1.5	1.09	1.1
Labs Included	31	30	30	31	31
Labs Reporting	33	33	33	33	33

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6DZMWG	**914.4**	0.53	1.30	**579.5**	0.08	2.39	**672.8**	-0.14	1.82	**399.3**	-0.51	0.66	**384.6**	0.61	0.33
6MDEPZ	**910.5**	0.48	0.88	**605.4**	0.46	0.16	**750.0**	1.05	0.65	**417.1**	-0.11	0.18	**353.7**	-0.07	0.30
BD4XFG	**850.7**	-0.20	1.42	**537.8**	-0.52	1.40	**655.3**	-0.41	2.67	**416.6**	-0.12	1.50	**363.4**	0.15	0.28
H3KUDP	**861.7**	-0.07	0.15	**577.5**	0.05	0.23	**698.4**	0.25	0.20	**429.4**	0.16	0.43	**352.1**	-0.10	0.02
JM3JZL	**908.7**	0.46	0.77	**483.3**	-1.32	0.76	**668.1**	-0.21	0.50	**461.6**	0.89	1.68	**286.3**	-1.54	0.30
KLAVF6	**1,089.2**	2.52	0.04	**828.3**	3.70	0.01	**850.4**	2.59	0.01	**545.1**	2.76	0.02	**439.4**	1.81	0.01
LME3V4	**744.7**	-1.41	1.85	**504.7**	-1.01	0.93	**638.0**	-0.68	1.07	**392.0**	-0.68	1.83	**358.0**	0.03	0.56
LPG3VZ	**787.0**	-0.93	0.67	**507.8**	-0.96	0.43	**655.3**	-0.41	1.62	**384.2**	-0.85	1.23	**315.9**	-0.89	0.31
LR7ADC	**823.8**	-0.51	1.38	**482.5**	-1.33	0.82	**663.8**	-0.28	0.61	**431.4**	0.21	0.90	**307.3**	-1.08	0.67
N9TAJ2	**802.3**	-0.75	0.59	**561.2**	-0.18	0.44	**680.2**	-0.03	0.31	**370.6**	-1.15	0.52	**290.1**	-1.46	0.23
NPRLT3	**928.3**	0.69	0.36	**578.0**	0.06	0.16	**792.3**	1.70	0.95	**452.0**	0.67	0.46	**401.7**	0.98	0.10
PWB7FF	**796.7**	-0.82	0.29	**650.0**	1.11	2.07	**630.0**	-0.80		**351.7**	-1.58	0.64	**306.7**	-1.09	0.16
R83AWE	**1,466.2**	6.83X	55.49	**903.2**	4.79X	27.09	**1,228.5**	8.42X	49.10	**687.8**	5.96X	38.71	**452.2**	2.09	4.14
RJWQJU	**842.1**	-0.30	1.21	**534.6**	-0.57	0.72	**683.7**	0.03	0.34	**429.5**	0.17	1.96	**354.2**	-0.05	0.70
RQE2YG	**938.7**	0.81	0.41	**600.7**	0.39	0.34	**755.0**	1.13	0.18	**407.7**	-0.32	0.48	**356.7**	0.00	0.08
UR3CME	**874.5**	0.07	0.19	**583.8**	0.14	1.14	**750.2**	1.05	0.19	**422.8**	0.01	0.39	**363.4**	0.15	0.06
V4AKZQ	**888.6**	0.23	0.33	**561.0**	-0.19	0.06	**704.8**	0.35	0.20	**421.5**	-0.01	0.41	**354.5**	-0.05	0.03
XVTM9P	**857.7**	-0.12	1.26	**571.7**	-0.03	1.10	**664.0**	-0.28	0.61	**428.0**	0.13	0.52	**381.0**	0.53	0.17
ZCPUG8	**977.3**	1.25	1.80	**576.0**	0.03	0.55	**730.7**	0.75	0.31	**502.3**	1.80	1.04	**363.0**	0.14	0.11

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	868.1	573.8	682.0	422.1	356.7
Median Abs Dev	45.3	29.2	26.6	18.6	24.3
Avg Within Lab SD	19.8	22.1	20.5	12.0	36.2
Labs Included	18	18	18	18	19
Labs Reporting	19	19	19	19	19

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**1.87**	-0.67	1.49	**2.47**	-0.58	1.97	**24.63**	0.26	1.02	**4.90**	0.26	1.36	**5.53**	0.07	1.81
46WTPJ	**3.18**	3.31	0.79	**4.57**	3.90	4.48	**26.16**	0.49	0.45	**5.34**	0.91	0.43	**6.95**	2.39	0.74
6DZMWG	**2.11**	0.06	0.11	**2.49**	-0.54	0.29	**10.04**	-1.88	1.23	**4.51**	-0.33	0.32	**5.64**	0.25	0.62
6MDEPZ	**2.18**	0.29	0.25	**2.82**	0.17	0.18	**20.70**	-0.32	2.63	**4.74**	0.02	0.29	**5.46**	-0.05	0.17
AWYAPB	**3.20**	3.36	0.17	**4.55**	3.85	0.28	**23.31**	0.07	1.02	**4.50**	-0.35	0.08	**7.34**	3.02	0.57
BC9DQW	**2.32**	0.71	0.40	**2.80**	0.12	0.35	**14.79**	-1.18	0.45	**4.92**	0.29	0.14	**5.66**	0.28	0.61
BD4XFG	**3.12**	3.11	5.00	**2.63**	-0.23	0.38	**21.12**	-0.25	0.23	**6.46**	2.59	0.24	**5.28**	-0.35	0.71
BHZM2U	**2.03**	-0.17	0.35	**2.54**	-0.42	0.12	**14.37**	-1.25	0.17	**5.17**	0.66	0.13	**5.73**	0.40	0.18
EDCALB	**2.58**	1.47	0.46	**3.53**	1.69	0.71	**29.93**	1.04	0.46	**5.15**	0.64	0.38	**5.62**	0.22	0.49
ELRQHQ	**1.95**	-0.42	0.00	**2.71**	-0.06	0.00	**23.74**	0.13	0.00	**4.34**	-0.58	0.00	**5.17**	-0.53	0.00
EUL3DK	**1.93**	-0.47	0.17	**2.60**	-0.30	0.00	**14.03**	-1.30	0.07	**4.87**	0.21	0.13	**5.60**	0.18	0.00
FJVWXR	**2.37**	0.84	1.22	**3.23**	1.05	1.23	**19.53**	-0.49	0.46	**4.77**	0.06	0.13	**6.90**	2.31	0.32
GN6AFQ	**2.03**	-0.17	0.09	**2.55**	-0.40	0.10	**24.69**	0.27	0.14	**4.87**	0.21	0.17	**5.31**	-0.30	0.03
H3KUDP	**2.07**	-0.05	0.06	**2.85**	0.23	0.17	**24.84**	0.29	0.38	**5.22**	0.74	0.08	**5.25**	-0.40	0.15
JM3JZL	**1.95**	-0.41	0.09	**2.71**	-0.07	0.31	**25.44**	0.38	0.44	**4.28**	-0.67	0.47	**5.34**	-0.25	0.14
JM4JX2	**0.69**	-4.23X	0.02	**0.83**	-4.06X	0.14	**7.48**	-2.26	0.09	**1.47**	-4.87X	0.19	**1.73**	-6.17X	0.07
JWQEY2	**2.07**	-0.07	0.17	**2.73**	-0.01	0.28	**18.93**	-0.58	0.26	**4.50**	-0.34	0.22	**5.27**	-0.37	0.18
KLAVF6	**2.44**	1.06	0.03	**3.71**	2.06	0.05	**12.53**	-1.52	0.03	**6.30**	2.35	0.02	**7.29**	2.95	0.03
LME3V4	**2.12**	0.10	0.26	**2.60**	-0.30	0.49	**20.57**	-0.33	2.31	**4.40**	-0.50	0.26	**5.53**	0.07	0.99
LPG3VZ	**1.94**	-0.46	0.17	**2.62**	-0.25	0.20	**22.85**	0.00	1.35	**4.12**	-0.91	0.49	**4.93**	-0.92	0.11
LR7ADC	**2.01**	-0.25	0.19	**2.54**	-0.43	0.53	**23.35**	0.07	0.24	**4.47**	-0.39	0.11	**5.20**	-0.47	0.15
N9TAJ2	**2.03**	-0.18	0.14	**2.75**	0.01	0.63	**14.24**	-1.27	1.02	**4.21**	-0.77	0.08	**5.09**	-0.66	0.28
NPRLT3	**2.10**	0.04	0.13	**2.37**	-0.79	1.23	**23.10**	0.04	0.96	**5.10**	0.56	0.45	**5.40**	-0.15	0.84
PWB7FF	**1.83**	-0.77	0.46	**2.53**	-0.44	0.28	**20.00**	-0.42		**3.60**	-1.69	0.22	**4.70**	-1.30	0.84
R39FU7	**2.20**	0.34	0.30	**3.27**	1.12	0.28	**27.50**	0.68	1.37	**5.87**	1.70	0.13	**5.97**	0.78	0.92
R83AWE	**7.74**	17.05X	17.98	**19.38**	35.38X	22.02	**69.52**	6.87X	3.93	**15.88**	16.68X	1.73	**11.70**	10.18X	4.39

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RJWQJU	**2.00**	-0.26	0.30	**2.49**	-0.52	0.64	**21.13**	-0.25	0.51	**4.71**	-0.02	0.55	**5.94**	0.73	2.95
RQE2YG	**2.08**	-0.04	0.16	**2.77**	0.06	0.13	**26.53**	0.54	0.47	**4.60**	-0.20	0.28	**5.02**	-0.77	0.03
UR3CME	**2.20**	0.35	1.01	**2.82**	0.16	0.28	**26.38**	0.52	1.12	**4.64**	-0.13	0.18	**5.07**	-0.69	0.24
V4AKZQ	**2.26**	0.51	0.11	**2.83**	0.20	0.03	**27.47**	0.68	0.32	**4.63**	-0.15	0.24	**5.35**	-0.23	0.08
VF6TKE	**2.00**	-0.26	0.12	**2.60**	-0.30	0.29	**9.75**	-1.93	0.28	**4.35**	-0.57	1.10	**5.43**	-0.10	0.35
XMD7EU	**2.10**	0.05	0.13	**2.78**	0.09	0.35	**18.59**	-0.63	2.20	**4.96**	0.35	0.27	**5.52**	0.05	0.06
XVTM9P	**2.06**	-0.08	0.20	**2.82**	0.16	0.66	**23.71**	0.13	1.38	**4.68**	-0.07	0.21	**5.56**	0.11	0.68
ZCPUG8	**2.53**	1.34	0.46	**3.23**	1.05	1.23	**28.33**	0.81	0.65	**6.33**	2.40	5.18	**5.67**	0.29	3.67

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2.09	2.74	22.8	4.73	5.49
Median Abs Dev	0.11	0.14	3.3	0.30	0.22
Avg Within Lab SD	0.33	0.20	0.9	0.45	0.32
Labs Included	32	32	33	32	32
Labs Reporting	34	34	34	34	34

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**92.7**	-0.67	1.43	**8.7**	-1.48	0.62	**5.7**	-0.94	1.16	**96.7**	-0.54	1.37	**129.3**	-1.10	0.13
46WTPJ	**114.1**	1.01	0.61	**14.9**	1.01	0.60	**7.0**	0.15	0.16	**119.4**	1.11	0.67	**162.6**	0.77	0.38
6DZMWG	**79.2**	-1.73	1.00	**13.6**	0.49	2.67	**6.7**	-0.05	1.62	**81.6**	-1.63	0.90	**108.5**	-2.28	0.66
6MDEPZ	**137.4**	2.84	0.21	**13.1**	0.29	2.40	**7.7**	0.78	0.29	**126.6**	1.63	0.30	**171.9**	1.30	1.03
AWYAPB	**108.4**	0.56	0.54	**11.0**	-0.53	0.34	**1.1**	-4.76X	0.08	**115.8**	0.85	0.48	**165.7**	0.95	0.42
BC9DQW	**110.3**	0.72	0.86	**12.3**	-0.05	0.33	**6.2**	-0.51	0.24	**121.3**	1.25	1.69	**162.7**	0.78	0.91
BD4XFG	**98.0**	-0.26	0.93	**11.0**	-0.55	0.28	**6.9**	0.10	0.35	**105.4**	0.10	1.34	**151.4**	0.14	0.52
BHZM2U	**88.3**	-1.02	0.05	**13.4**	0.41	0.28	**21.6**	12.50X	0.35	**96.3**	-0.56	0.69	**136.7**	-0.69	0.25
EDCALB	**116.0**	1.16	0.60	**12.3**	-0.05	0.40	**9.6**	2.38	0.28	**135.3**	2.26	1.06	**166.7**	1.00	1.27
ELRQHQ	**94.5**	-0.53		**11.8**	-0.23	0.00	**6.7**	-0.07	0.00	**95.3**	-0.64	0.00	**136.7**	-0.69	0.00
EUL3DK	**95.2**	-0.47	0.17	**8.6**	-1.51	0.00	**5.4**	-1.17	0.00	**103.4**	-0.05	0.05	**143.5**	-0.30	0.03
FJVWXR	**90.3**	-0.85	1.05	**18.7**	2.51	1.23	**7.3**	0.46	1.16	**96.3**	-0.56	0.69	**129.7**	-1.09	2.61
GN6AFQ	**101.6**	0.03	0.69	**10.2**	-0.88	0.03	**5.5**	-1.08	0.04	**109.4**	0.38	0.54	**153.1**	0.24	0.48
H3KUDP	**99.7**	-0.12	0.36	**14.7**	0.93	0.24	**7.8**	0.87	0.28	**98.9**	-0.38	0.18	**148.8**	-0.01	0.13
JM3JZL	**98.8**	-0.19	0.81	**13.6**	0.47	1.11	**7.0**	0.16	0.39	**102.4**	-0.13	1.12	**150.5**	0.09	0.84
JM4JX2	**26.6**	-5.86X	0.10	**3.5**	-3.53X	0.05	**1.9**	-4.15X	0.03	**24.9**	-5.74X	0.42	**37.0**	-6.32X	0.20
JWQEY2	**95.7**	-0.44	0.52	**10.0**	-0.95		**6.0**	-0.66		**97.0**	-0.51	0.87	**131.7**	-0.97	0.13
KLAVF6	**114.1**	1.01	0.01	**14.0**	0.66	0.02	**8.1**	1.14	0.04	**130.1**	1.88	0.03	**167.2**	1.03	0.01
LME3V4	**100.7**	-0.04	2.30	**12.0**	-0.17	0.76	**7.3**	0.46	0.61	**104.1**	0.00	2.43	**155.3**	0.36	2.04
LPG3VZ	**94.5**	-0.53	0.85	**13.3**	0.37	0.46	**6.3**	-0.41	0.17	**96.0**	-0.59	0.82	**139.9**	-0.51	0.71
LR7ADC	**99.5**	-0.14	0.97	**12.3**	-0.05	0.25	**6.9**	0.14	0.19	**107.2**	0.22	0.54	**149.0**	0.01	0.73
N9TAJ2	**104.8**	0.28	0.37	**12.7**	0.11	0.73	**5.9**	-0.75	0.53	**100.4**	-0.27	0.86	**146.3**	-0.15	0.88
NPRLT3	**101.3**	0.01	0.72	**10.1**	-0.91	0.57	**6.8**	0.01	0.60	**104.0**	-0.01	1.84	**148.7**	-0.01	1.27
PWB7FF	**86.3**	-1.17	0.72	**13.3**	0.38	1.63	**6.7**	-0.10	1.16	**84.3**	-1.43	0.19	**130.0**	-1.07	
R39FU7	**115.0**	1.08	1.57	**17.0**	1.84		**8.0**	1.03		**127.0**	1.66	0.87	**174.3**	1.44	0.13
R83AWE	**101.1**	-0.01	2.08	**8.1**	-1.69	2.45	**3.0**	-3.23	4.22	**98.8**	-0.38	0.93	**133.1**	-0.89	3.03

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RJWQJU	**102.2**	0.08	0.33	**11.5**	-0.37	0.12	**6.8**	-0.01	0.31	**108.3**	0.30	2.08	**160.8**	0.67	0.80
RQE2YG	**111.3**	0.79	0.52	**12.9**	0.19	0.25	**7.0**	0.15	0.13	**101.6**	-0.18	0.54	**141.0**	-0.45	0.22
UR3CME	**106.0**	0.37	1.15	**12.5**	0.05	0.73	**7.7**	0.79	0.79	**104.7**	0.04	0.42	**142.8**	-0.34	0.58
V4AKZQ	**111.6**	0.81	0.16	**12.0**	-0.14	0.11	**5.5**	-1.11	0.07	**110.9**	0.49	0.57	**155.3**	0.36	0.59
XMD7EU	**98.1**	-0.24	1.02	**12.1**	-0.13	0.79	**6.3**	-0.39	0.16	**104.1**	0.00	0.61	**145.0**	-0.22	0.14
XVTM9P	**109.7**	0.66	1.05	**14.2**	0.74	0.63	**6.6**	-0.13	0.12	**115.0**	0.79	1.14	**165.0**	0.91	0.43
ZCPUG8	**123.7**	1.76	1.95	**16.0**	1.44		**8.0**	1.03		**114.7**	0.77	0.19	**162.7**	0.78	0.45

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	101.2	12.4	6.78	104.1	148.9
Median Abs Dev	6.9	1.2	0.58	7.3	12.2
Avg Within Lab SD	2.9	0.9	0.50	3.0	4.6
Labs Included	32	32	30	32	32
Labs Reporting	33	33	33	33	33

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**126.0**	-0.62	1.75	**161.3**	-1.12	0.64	**325.0**	-0.90	0.64	**96.0**	-0.98	1.11	**32.7**	-1.35	0.15
46WTPJ	**162.6**	1.40	0.76	**233.3**	0.78	0.47	**484.3**	0.75	0.25	**127.4**	0.80	0.36	**51.8**	1.23	0.06
6DZMWG	**115.2**	-1.22	0.75	**142.1**	-1.62	0.69	**183.5**	-2.36	0.29	**96.9**	-0.93	0.40	**45.2**	0.35	0.42
6MDEPZ	**207.9**	3.91X	1.67	**255.7**	1.37	2.15	**476.5**	0.67	4.36	**149.5**	2.06	0.92	**53.8**	1.50	1.27
AWYAPB	**132.4**	-0.27	1.07	**217.3**	0.36	0.59	**416.4**	0.05	1.02	**101.9**	-0.64	0.66	**29.5**	-1.78	0.32
BC9DQW	**166.0**	1.59	0.56	**233.0**	0.77	0.82	**366.3**	-0.47	0.14	**138.7**	1.44	1.45	**50.8**	1.10	0.24
BD4XFG	**132.3**	-0.27	1.11	**180.6**	-0.61	1.68	**391.5**	-0.21	0.48	**113.3**	0.00	0.97	**40.6**	-0.28	0.41
BHZM2U	**122.3**	-0.82	0.43	**160.3**	-1.14	0.33	**258.7**	-1.59	0.14	**115.3**	0.12	0.39	**44.3**	0.23	0.41
EDCALB	**164.3**	1.50	0.85	**266.3**	1.65	0.51	**586.3**	1.80	0.64	**151.3**	2.16	2.23	**40.3**	-0.32	0.60
ELRQHQ	**133.6**	-0.20	0.00	**199.2**	-0.12	0.00	**441.8**	0.31	0.00	**105.8**	-0.42	0.00	**41.2**	-0.20	0.00
EUL3DK	**141.6**	0.24	0.26	**187.8**	-0.42	0.24	**290.7**	-1.25	0.03	**118.0**	0.27	0.26	**42.7**	0.00	0.15
FJVWXR	**137.3**	0.01	1.26	**212.3**	0.23	1.77	**354.0**	-0.60	0.60	**123.3**	0.57	0.74	**52.7**	1.35	0.41
GN6AFQ	**130.8**	-0.36	0.36	**175.9**	-0.73	0.59	**363.9**	-0.50	0.15	**107.1**	-0.35	1.20	**35.1**	-1.02	0.14
H3KUDP	**134.0**	-0.18	0.34	**203.3**	-0.01	0.12	**444.0**	0.33	0.11	**111.4**	-0.11	0.13	**42.7**	0.01	0.18
JM3JZL	**133.3**	-0.22	0.75	**196.7**	-0.19	0.64	**472.4**	0.62	0.60	**107.9**	-0.31	0.42	**41.7**	-0.14	0.13
JM4JX2	**36.8**	-5.56X	0.02	**49.1**	-4.07X	0.16	**111.5**	-3.11X	0.04	**23.9**	-5.08X	0.65	**10.4**	-4.37X	0.04
JWQEY2	**122.3**	-0.82	1.32	**167.7**	-0.95	1.06	**325.7**	-0.89	0.36	**97.7**	-0.89	0.59	**37.3**	-0.72	0.15
KLAVF6	**189.0**	2.87	0.02	**269.4**	1.73	0.02	**313.0**	-1.02	0.01	**161.0**	2.71	0.01	**76.1**	4.52X	0.05
LME3V4	**121.2**	-0.88	1.91	**179.2**	-0.65	1.39	**367.9**	-0.46	1.26	**106.2**	-0.40	2.21	**40.9**	-0.24	0.46
LPG3VZ	**138.1**	0.05	0.58	**203.7**	0.00	0.27	**466.0**	0.56	1.06	**112.4**	-0.05	0.78	**37.3**	-0.73	0.30
LR7ADC	**130.3**	-0.38	1.17	**181.2**	-0.59	0.11	**437.6**	0.26	0.35	**102.7**	-0.60	0.44	**35.1**	-1.02	0.16
N9TAJ2	**152.2**	0.83	1.99	**237.0**	0.88	1.46	**337.1**	-0.77	0.06	**127.5**	0.81	0.54	**57.8**	2.05	0.66
NPRLT3	**145.0**	0.43	1.12	**192.3**	-0.30	1.19	**409.3**	-0.03	0.17	**119.0**	0.33	1.84	**46.0**	0.45	0.53
PWB7FF	**133.3**	-0.21	1.62	**230.0**	0.69	1.59	**426.7**	0.15	0.31	**97.7**	-0.89	0.64	**42.3**	-0.05	0.56
R39FU7	**152.0**	0.82	0.74	**252.7**	1.29	1.02	**501.7**	0.93	0.57	**133.7**	1.16	1.93	**46.7**	0.54	0.41
R83AWE	**217.2**	4.43X	41.61	**356.1**	4.01X	42.92	**601.8**	1.96X	25.42	**177.4**	3.65X	26.10	**53.1**	1.41	5.12

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RJWQJU	**137.1**	-0.01	1.19	**185.5**	-0.48	1.41	**378.9**	-0.34	2.25	**112.4**	-0.05	1.65	**37.5**	-0.69	0.33
RQE2YG	**154.3**	0.95	0.65	**215.3**	0.31	0.48	**445.3**	0.34	0.25	**111.7**	-0.09	0.39	**42.3**	-0.05	0.22
UR3CME	**139.7**	0.14	0.14	**210.9**	0.19	1.81	**480.7**	0.71	0.38	**110.2**	-0.17	0.27	**43.1**	0.06	0.15
V4AKZQ	**148.4**	0.62	0.30	**209.2**	0.14	0.05	**442.4**	0.31	0.12	**116.8**	0.20	0.44	**45.0**	0.31	0.21
XMD7EU	**129.9**	-0.41	1.20	**183.3**	-0.54	0.89	**297.9**	-1.18	0.10	**120.6**	0.42	0.78	**40.9**	-0.24	0.05
XVTM9P	**145.0**	0.43	0.56	**219.3**	0.41	0.71	**412.0**	0.00	0.38	**118.3**	0.29	0.15	**45.7**	0.41	0.15
ZCPUG8	**164.0**	1.48	0.74	**228.3**	0.65	0.18	**463.0**	0.53	0.36	**125.3**	0.69	0.39	**50.7**	1.08	0.15

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	137.2	203.7	412.0	113.3	42.7
Median Abs Dev	7.8	23.1	54.0	7.5	3.3
Avg Within Lab SD	3.6	6.3	18.5	3.9	3.7
Labs Included	30	31	31	31	31
Labs Reporting	33	33	33	33	33

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**1.47**	-0.58	0.60	**2.40**	-0.73	0.39	**1.73**	-0.05	0.39	**0.50**	-0.16		**1.87**	-0.32	0.23
46WTPJ	**1.58**	-0.06	0.10	**2.68**	0.13	0.27	**1.97**	0.29	0.05	**0.31**	-1.11	0.01	**2.12**	0.36	0.10
6DZMWG	**1.81**	1.03	0.28	**2.29**	-1.06	0.47	**0.43**	-1.92	0.36	**0.87**	1.67	0.13	**2.11**	0.35	0.23
6MDEPZ	**1.59**	0.01	0.19	**2.65**	0.02	0.02	**1.50**	-0.38	1.53	**0.45**	-0.39	0.03	**1.96**	-0.06	0.12
AWYAPB	**0.69**	-4.23X	0.18	**2.06**	-1.77	0.28	**1.08**	-0.99	0.35	**0.49**	-0.19	0.07	**1.33**	-1.79	0.13
BC9DQW	**1.78**	0.89	0.25	**2.79**	0.45	0.52	**1.09**	-0.97	0.39	**0.66**	0.63	0.27	**2.23**	0.67	0.37
BD4XFG				**2.47**	-0.53	0.58									
BHZM2U	**1.71**	0.55	0.10	**2.63**	-0.02	0.08	**1.56**	-0.30	0.08	**0.78**	1.23	0.10	**2.70**	1.96	0.41
EDCALB	**1.17**	-1.97	0.04	**2.22**	-1.28	0.10	**2.13**	0.53	0.39	**0.41**	-0.63	0.11	**1.66**	-0.88	0.25
ELRQHQ	**1.37**	-1.04	0.00	**2.53**	-0.34	0.00	**1.98**	0.31	0.00	**0.44**	-0.46	0.00	**1.93**	-0.15	0.00
EUL3DK	**1.60**	0.05	0.00	**2.40**	-0.73	0.00	**1.13**	-0.91	0.39	**0.60**	0.34	0.00	**1.83**	-0.41	0.23
FJVWXR	**1.50**	-0.42		**2.80**	0.49	0.00	**1.80**	0.05	0.67	**0.33**	-0.99	0.27	**2.00**	0.04	0.41
GN6AFQ	**1.39**	-0.93	0.16	**2.44**	-0.61	0.24	**1.67**	-0.14	0.24	**0.43**	-0.49	0.12	**1.85**	-0.37	0.15
H3KUDP	**1.44**	-0.69	0.02	**2.74**	0.32	0.12	**2.23**	0.67	0.17	**0.55**	0.08	0.03	**1.88**	-0.28	0.04
JM3JZL	**1.48**	-0.52	0.23	**2.69**	0.15	0.17	**2.33**	0.81	0.26	**0.50**	-0.18	0.11	**1.98**	0.00	0.22
JM4JX2	**0.52**	-5.03X	0.11	**0.73**	-5.84X	0.06	**0.60**	-1.69	0.05	**0.12**	-2.06	0.07	**0.56**	-3.90X	0.06
JWQEY2	**1.40**	-0.89	0.00	**2.37**	-0.84	0.23	**1.43**	-0.48	0.39	**0.40**	-0.66	0.00	**1.80**	-0.50	0.00
KLAVF6	**1.90**	1.47	0.06	**3.05**	1.25	0.04	**0.55**	-1.75	0.07	**0.61**	0.41	0.10	**2.62**	1.74	0.04
LME3V4	**1.60**	0.03	0.54	**2.62**	-0.06	0.31	**1.96**	0.28	1.08	**0.53**	-0.01	0.05	**2.24**	0.71	0.06
LPG3VZ	**1.39**	-0.96	0.06	**2.43**	-0.63	0.08	**2.02**	0.37	0.14	**0.51**	-0.13	0.10	**1.88**	-0.27	0.25
LR7ADC	**1.59**	-0.01	0.23	**2.59**	-0.15	0.17	**2.15**	0.55	0.36	**0.57**	0.19	0.05	**2.10**	0.32	0.08
N9TAJ2	**1.74**	0.69	0.24	**2.92**	0.86	0.20	**1.38**	-0.55	0.74	**0.66**	0.64	0.14	**2.04**	0.14	0.19
NPRLT3	**1.27**	-1.52	0.23	**1.82**	-2.50	0.16	**1.54**	-0.33	0.44	**0.68**	0.76	0.14	**1.62**	-0.99	0.21
PWB7FF	**1.70**	0.51	0.40	**2.90**	0.79	0.39	**1.87**	0.14	0.39	**0.60**	0.34	0.00	**1.90**	-0.23	0.41
R39FU7	**1.70**	0.51	0.00	**2.90**	0.79	0.00	**2.47**	1.01	0.39	**0.40**	-0.66	0.47	**2.33**	0.96	0.23
R83AWE	**1.60**	0.03	5.13	**2.29**	-1.06	5.29	**0.38**	-2.00	4.85	**0.81**	1.40	5.37	**1.01**	-2.67	5.33

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RJWQJU	**1.52**	-0.31	0.99	**2.67**	0.08	0.94	**1.99**	0.32	1.34	**0.75**	1.08	1.24	**2.42**	1.19	1.11
RQE2YG	**1.58**	-0.05	0.07	**2.69**	0.14	0.14	**2.12**	0.51	0.18	**0.42**	-0.56	0.02	**1.82**	-0.45	0.04
UR3CME	**1.10**	-2.29	0.51	**2.25**	-1.18	0.43	**1.56**	-0.30	0.24	**0.06**	-2.36	0.05	**1.44**	-1.49	0.04
V4AKZQ	**1.63**	0.19	0.10	**2.77**	0.40	0.10	**2.09**	0.46	0.22	**0.55**	0.09	0.20	**2.06**	0.21	0.11
XMD7EU	**1.61**	0.10	0.38	**2.70**	0.17	0.20	**1.55**	-0.31	0.13	**0.60**	0.36	0.15	**2.12**	0.38	0.32
XVTM9P	**1.66**	0.31	0.14	**2.95**	0.94	0.47	**2.05**	0.41	0.14	**0.53**	0.01	0.07	**2.20**	0.60	0.23
ZCPUG8	**1.93**	1.61	0.23	**3.00**	1.10		**3.03**	1.82	0.39	**0.80**	1.34	0.00	**2.13**	0.41	0.23

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.59	2.64	1.77	0.53	1.98
Median Abs Dev	0.11	0.20	0.33	0.11	0.15
Avg Within Lab SD	0.25	0.25	0.15	0.21	0.25
Labs Included	30	32	32	32	31
Labs Reporting	32	33	32	32	32

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6DZMWG	**0.25**	-1.51	0.72	**1.36**	-0.60	0.69	**0.75**	-0.51	0.74	**0.01**	-0.80	0.00	**1.32**	-0.07	0.50
AWYAPB	**0.19**	-1.99	3.10	**0.90**	-2.66	0.74	**0.83**	-0.14	2.13	**0.47**	0.85	2.17	**0.43**	-3.55	3.10
BC9DQW	**0.54**	0.82	0.29	**1.56**	0.26	1.13	**1.19**	1.31	0.06	**0.61**	1.36	0.41	**1.36**	0.10	0.73
EDCALB	**0.51**	0.55	0.99	**1.37**	-0.57	0.75	**1.14**	1.11	0.91	**0.33**	0.33	0.95	**1.04**	-1.16	0.45
ELRQHQ	**0.45**	0.08	0.00	**1.69**	0.84	0.00	**0.92**	0.21	0.00	**0.16**	-0.26	0.00	**1.42**	0.33	0.00
EUL3DK	**0.40**	-0.32	0.00	**1.50**	0.00		**1.00**	0.54		**0.20**	-0.12	0.00	**1.10**	-0.92	0.00
FJVWXR	**1.10**	5.25X	1.91	**1.40**	-0.44	0.00	**1.33**	1.91	3.54	**1.57**	4.79X	0.67	**0.93**	-1.57	2.60
GN6AFQ	**0.46**	0.16	0.19	**1.58**	0.35	0.59	**0.88**	0.06	0.05	**0.22**	-0.06	0.07	**1.37**	0.12	0.26
H3KUDP	**0.51**	0.55	0.19	**1.54**	0.18	0.33	**0.81**	-0.24	0.04	**0.16**	-0.28	0.18	**1.35**	0.05	0.11
JM3JZL	**0.43**	-0.11	0.47	**1.63**	0.55	1.00	**0.86**	-0.02	0.10	**0.24**	0.02	0.19	**1.35**	0.07	0.17
JWQEY2	**0.63**	1.54	1.10	**1.70**	0.88	0.00	**1.03**	0.68	0.24	**0.40**	0.60	0.00	**1.60**	1.04	0.00
LME3V4	**0.38**	-0.48	2.01	**1.43**	-0.29	2.91	**0.65**	-0.92	0.32	**0.21**	-0.07	2.43	**1.41**	0.29	1.14
LPG3VZ	**0.42**	-0.18	0.35	**1.51**	0.06	0.14	**0.88**	0.02	0.11	**0.23**	-0.02	0.08	**1.30**	-0.15	0.18
LR7ADC	**0.43**	-0.08	0.36	**1.50**	0.00	0.60	**0.74**	-0.53	0.10	**0.11**	-0.45	0.12	**1.41**	0.28	0.19
NPRLT3	**0.48**	0.34	0.44	**1.01**	-2.15	0.41	**0.91**	0.18	0.09	**0.74**	1.83	0.36	**391.67**	529.14X	108.07
PWB7FF	**0.60**	1.24	0.29	**1.60**	0.44	1.64	**1.47**	2.46	0.24	**0.40**	0.60	0.00	**1.07**	-1.05	0.43
R39FU7	**0.67**	1.80	1.10	**2.37**	3.82X	0.94	**2.57**	6.99X	0.49	**1.03**	2.87	1.78	**1.67**	1.30	0.43
RJWQJU	**0.40**	-0.32	0.00	**1.50**	0.00	1.64	**0.80**	-0.29	0.42	**0.62**	1.40	1.26	**1.30**	-0.14	0.74
RQE2YG	**0.32**	-0.94	0.37	**1.57**	0.29	0.34	**0.71**	-0.66	0.06	**0.03**	-0.74	0.11	**1.35**	0.07	0.15
V4AKZQ	**1.36**	7.32X	0.99	**2.63**	4.97X	0.50	**1.88**	4.15X	0.51	**1.27**	3.72X	0.51	**2.29**	3.74X	0.32
XMD7EU	**0.41**	-0.27	0.40	**1.44**	-0.26	0.43	**0.79**	-0.31	0.06	**0.14**	-0.32	0.38	**1.32**	-0.05	0.19
ZCPUG8	**0.47**	0.21	1.10	**0.90**	-2.65	0.00	**0.53**	-1.38	0.24	**0.37**	0.48	1.78	**1.03**	-1.18	0.43

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.44	1.50	0.87	0.23	1.34
Median Abs Dev	0.05	0.09	0.13	0.13	0.07
Avg Within Lab SD	0.05	0.06	0.24	0.09	0.13
Labs Included	20	20	20	20	20
Labs Reporting	22	22	22	22	22

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.94**	-1.13	0.18	**0.75**	-0.93		**20.31**	0.15	0.09	**2.84**	-0.61	0.04	**1.27**	-0.41	0.04
3BLB4V	**1.13**	-0.36	0.61	**0.70**	-1.10	0.00	**19.23**	-0.02	0.27	**3.13**	-0.06	0.80	**1.27**	-0.41	0.43
43AEYN	**0.71**	-2.03	0.10	**0.87**	-0.53	0.13	**20.23**	0.14	0.35	**2.50**	-1.24	0.36	**1.50**	0.32	0.30
4QFVKH	**1.23**	0.03	0.61	**0.90**	-0.44	0.00	**25.50**	0.96	1.25	**3.13**	-0.06	1.06	**1.17**	-0.72	0.43
6BH4CM	**1.01**	-0.84	0.24	**0.85**	-0.61	0.55	**6.60**	-1.99	0.38	**2.91**	-0.48	1.32	**1.11**	-0.91	0.63
6DZMWG	**1.09**	-0.52	0.95	**0.73**	-0.99	0.47	**18.82**	-0.08	0.05	**3.19**	0.04	1.08	**1.26**	-0.44	0.19
6KNBRM	**1.08**	-0.56	0.26	**0.92**	-0.39	0.19	**19.43**	0.02	0.44	**3.24**	0.14	0.25	**1.37**	-0.08	0.26
6MDEPZ	**1.22**	-0.02	0.64	**1.04**	0.01	0.08	**20.13**	0.12	0.37	**3.28**	0.21	0.62	**1.34**	-0.20	0.31
9DV6PW	**1.12**	-0.40	0.26	**1.12**	0.27	0.33	**13.67**	-0.88	1.29	**3.12**	-0.08	0.22	**1.38**	-0.06	0.15
AGA2UX	**0.87**	-1.41	0.61	**0.60**	-1.42	0.00	**13.47**	-0.91	0.06	**2.40**	-1.43	0.00	**1.10**	-0.93	0.00
AV4QLN	**1.42**	0.77	0.61	**1.32**	0.91	0.24	**13.92**	-0.84	0.27	**3.69**	0.98	1.29	**1.53**	0.41	0.43
BC9DQW	**1.20**	-0.10	0.10	**1.29**	0.82	0.22	**12.55**	-1.06	0.93	**2.90**	-0.49	0.98	**2.72**	4.07X	0.49
BHZM2U	**1.23**	0.00	0.22	**0.73**	-0.99	0.10	**17.84**	-0.23	0.03	**3.24**	0.14	0.12	**1.52**	0.37	0.22
BNN87V	**1.22**	0.00	0.55	**1.08**	0.15	0.25	**19.78**	0.07	2.71	**3.58**	0.77	0.90	**1.47**	0.22	0.40
CWCHTV	**2.70**	5.81X		**1.90**	2.81X		**49.80**	4.75X		**6.50**	6.21X		**2.60**	3.71X	
DU6KV9	**0.73**	-1.94	0.52	**0.55**	-1.58	0.30	**11.13**	-1.28	0.13	**2.25**	-1.71	0.38	**1.39**	-0.03	0.15
EDCALB	**0.99**	-0.93	3.41	**0.59**	-1.47	0.88	**19.15**	-0.03	3.92	**2.75**	-0.78	2.96	**1.17**	-0.73	2.57
EDCEZJ	**1.33**	0.43	0.31	**1.44**	1.30	1.71	**22.74**	0.53	0.09	**3.80**	1.19	0.26	**2.21**	2.49	0.34
JM4JX2	**1.14**	-0.34	0.73	**0.87**	-0.55	0.38	**19.93**	0.09	1.22	**3.21**	0.07	0.73	**1.40**	0.00	0.67
K9KXD8	**1.37**	0.56	0.61	**1.17**	0.42	0.48	**25.77**	1.00	0.31	**3.10**	-0.12	0.70	**1.27**	-0.41	0.43
KJWKZD	**1.24**	0.07	0.63	**0.82**	-0.71	0.23	**16.35**	-0.47	0.33	**4.17**	1.87	1.63	**1.55**	0.46	1.15
KL9ZUE	**1.45**	0.90	2.03	**1.39**	1.14	2.62	**23.58**	0.66	1.40	**4.02**	1.58	0.41	**1.69**	0.90	1.07
LME3V4	**1.31**	0.33	0.69	**1.03**	-0.01	1.61	**22.61**	0.51	1.51	**3.37**	0.38	0.69	**1.49**	0.27	0.98
MKM4G6	**0.90**	-1.28	0.38	**0.67**	-1.20	0.25	**14.07**	-0.82	0.78	**2.17**	-1.86	0.71	**0.87**	-1.65	0.38
MRLNKL	**1.42**	0.78	1.37	**0.93**	-0.34	0.46	**18.60**	-0.11	0.39	**3.55**	0.71	1.09	**1.34**	-0.17	0.43
N9TAJ2	**1.39**	0.66	1.71	**1.29**	0.81	1.12	**21.22**	0.29	1.17	**3.21**	0.09	0.08	**1.63**	0.70	0.15

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NLRBW3	**1.07**	-0.62	0.11	**1.21**	0.57	0.18	**8.07**	-1.76	0.10	**2.48**	-1.28	0.34	**2.63**	3.79	0.15
PNECFW	**1.19**	-0.15	0.36	**0.98**	-0.20	0.25	**20.96**	0.25	0.14	**2.97**	-0.36	1.16	**1.26**	-0.43	0.69
Q2XFZX	**1.62**	1.56	0.10	**1.18**	0.46	0.05	**17.39**	-0.30	0.20	**3.76**	1.10	0.18	**1.82**	1.29	0.09
QDCD62	**1.51**	1.11	0.12	**1.05**	0.03	0.17	**27.10**	1.21	0.11	**3.41**	0.45	0.54	**1.46**	0.20	0.23
R83AWE	**1.60**	1.47	3.28	**1.10**	0.19	4.59	**15.08**	-0.66	0.12	**3.66**	0.91	2.22	**1.73**	1.03	4.76
RMXUBG	**1.23**	0.00	0.32	**1.20**	0.53	0.38	**20.27**	0.15	0.17	**3.10**	-0.12	0.12	**1.46**	0.17	0.26
UX4Q7V	**1.28**	0.22	0.42	**1.24**	0.65	0.46	**15.46**	-0.60	0.68	**3.09**	-0.14	0.94	**1.51**	0.32	0.38
VAX68C	**1.23**	0.03	0.61	**1.07**	0.10	0.48	**23.67**	0.68	1.26	**3.17**	0.00	1.06	**1.33**	-0.21	0.86
VF6TKE	**1.13**	-0.38	0.28	**0.79**	-0.80	0.22	**17.35**	-0.31	0.11	**2.54**	-1.16	0.76	**1.20**	-0.63	0.37
VJ64ET	**1.40**	0.69	0.38	**1.06**	0.09	0.48	**0.51**	-2.94	0.09	**0.19**	-5.54**X**	0.21	**1.71**	0.95	0.09
VNVEPR	**1.94**	2.82	0.77	**1.70**	2.15	0.10	**35.07**	2.45	0.16	**4.17**	1.87	0.35	**2.38**	3.04	0.14
WL9YXV	**1.21**	-0.06	0.73	**0.75**	-0.93	0.31	**21.67**	0.36	0.41	**3.52**	0.66	2.09	**1.45**	0.15	1.33
YUDNNZ	**1.27**	0.18	0.52	**1.09**	0.16	0.27	**24.93**	0.87	1.12	**3.43**	0.48	0.42	**1.35**	-0.16	0.45
Z9RD3R	**0.93**	-1.16	0.10	**0.78**	-0.85	0.25	**14.30**	-0.78	0.22	**3.01**	-0.29	1.04	**1.22**	-0.57	0.19
ZXMHL9	**1.26**	0.14	0.76	**1.09**	0.16	0.79	**21.66**	0.36	0.79	**2.97**	-0.37	0.45	**1.42**	0.07	0.04

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.23	1.04	19.3	3.17	1.40
Median Abs Dev	0.14	0.18	3.3	0.26	0.13
Avg Within Lab SD	0.10	0.12	0.9	0.14	0.13
Labs Included	40	40	40	39	39
Labs Reporting	41	41	41	41	41

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**58.00**	-0.32	0.06	**0.33**	-0.95	0.83	**8.10**	0.13	0.16	**61.33**	-0.27	0.11	**2.17**	-1.08	0.34
43AEYN	**41.25**	-1.60	0.21	**0.68**	-0.37	0.05	**8.65**	0.28	0.54	**52.84**	-0.97	0.15	**3.05**	-0.46	0.17
4QFVKH	**66.40**	0.33	0.17	**0.47**	-0.73	0.31	**9.40**	0.48	0.72	**66.83**	0.18	1.52	**1.90**	-1.27	0.22
6BH4CM	**50.70**	-0.88	0.42	**0.99**	0.16	0.84	**0.77**	-1.87	0.20	**54.75**	-0.82	0.57	**2.67**	-0.73	1.07
6DZMWG	**57.61**	-0.35	0.89	**1.01**	0.18	4.42	**7.63**	0.00	0.34	**66.11**	0.12	0.90	**2.29**	-0.99	0.21
6KNBRM	**57.03**	-0.39	0.51	**0.83**	-0.11	0.31	**7.60**	-0.01	0.16	**66.83**	0.18	0.27	**3.07**	-0.45	0.13
6MDEPZ	**67.13**	0.38	0.49	**1.36**	0.78	0.67	**6.16**	-0.40	0.57	**64.01**	-0.05	0.61	**4.37**	0.46	0.80
9DV6PW	**70.53**	0.64	0.49	**2.03**	1.90	1.36	**2.33**	-1.44	0.65	**63.60**	-0.09	0.39	**6.17**	1.72	1.14
AGA2UX	**58.00**	-0.32	0.32	**1.00**	0.17		**7.00**	-0.17		**57.00**	-0.63	0.29	**4.33**	0.43	1.28
AV4QLN	**74.17**	0.92	0.37	**1.70**	1.33	0.20	**1.29**	-1.73	0.12	**71.35**	0.55	1.01	**4.90**	0.83	0.08
BC9DQW	**63.08**	0.07	0.31	**0.58**	-0.54	0.08	**8.17**	0.15	0.10	**71.38**	0.55	0.10	**4.43**	0.50	0.23
BNN87V	**54.97**	-0.55	0.89	**1.44**	0.90	0.55	**4.11**	-0.96	3.09	**57.85**	-0.56	1.23	**3.48**	-0.16	0.79
DU6KV9	**62.15**	0.00	0.10	**0.45**	-0.75	0.19	**7.70**	0.02	0.29	**76.10**	0.94	0.97	**3.10**	-0.43	0.44
EDCALB	**56.20**	-0.46	3.85	**0.20**	-1.17	1.45	**8.23**	0.16	3.39	**57.40**	-0.60	2.76	**2.52**	-0.84	3.81
EDCEZJ	**41.30**	-1.60	0.18	**1.81**	1.52	0.35	**6.16**	-0.40	0.05	**43.36**	-1.76	0.21	**4.12**	0.29	0.30
JM4JX2	**61.47**	-0.05	0.58	**0.90**	-0.01	0.30	**8.11**	0.13	0.84	**66.27**	0.13	0.85	**3.79**	0.06	0.48
K9KXD8	**72.00**	0.76	0.27	**0.70**	-0.33	0.54	**9.79**	0.59	0.34	**69.33**	0.38	1.02	**2.00**	-1.20	0.22
KJWKZD	**44.05**	-1.39	0.56	**3.67**	4.64X	0.62	**5.89**	-0.47	0.20	**42.30**	-1.84	0.33	**5.86**	1.50	1.06
KL9ZUE	**72.34**	0.78	1.80	**1.92**	1.71	1.29	**8.76**	0.31	0.46	**70.64**	0.49	0.05	**4.97**	0.88	1.14
LME3V4	**66.93**	0.37	1.51	**0.83**	-0.11	1.74	**9.23**	0.44	1.01	**70.03**	0.44	2.63	**2.90**	-0.57	1.23
MKM4G6	**50.27**	-0.91	0.87	**0.90**	0.00	0.42	**5.76**	-0.51	0.84	**45.82**	-1.55	1.28	**2.13**	-1.10	0.67
MRLNKL	**71.13**	0.69	0.07	**0.69**	-0.35	0.30	**2.50**	-1.40	0.32	**66.13**	0.12	0.13	**3.03**	-0.48	0.56
N9TAJ2	**73.23**	0.85	0.24	**1.33**	0.73	0.31	**8.57**	0.26	2.53	**64.67**	0.00	0.17	**5.77**	1.44	0.13
NLRBW3	**60.96**	-0.09	0.12	**0.55**	-0.59	0.12	**8.00**	0.10	0.08	**71.70**	0.58	0.24	**4.62**	0.63	0.10
PNECFW	**61.87**	-0.02	0.39	**0.79**	-0.18	0.11	**8.14**	0.14	0.07	**60.01**	-0.38	1.03	**2.65**	-0.74	0.27
Q2XFZX	**80.99**	1.44	0.16	**1.34**	0.74	0.03	**2.89**	-1.29	0.01	**71.24**	0.54	0.01	**4.74**	0.72	0.16

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QDCD62	**74.57**	0.95	0.13	**1.10**	0.33	0.00	**11.70**	1.11	1.29	**71.20**	0.54	0.55	**4.47**	0.53	1.00
R83AWE	**45.91**	-1.24	2.72	**1.19**	0.49	0.93	**0.86**	-1.85	0.33	**40.25**	-2.01	2.04	**4.92**	0.85	2.88
RMXUBG	**71.10**	0.69	0.42	**1.13**	0.39	0.31	**6.63**	-0.27	0.59	**69.77**	0.42	0.11	**3.67**	-0.03	0.34
UX4Q7V	**67.90**	0.44	0.21	**1.64**	1.23	0.71	**2.08**	-1.51	0.45	**61.89**	-0.23	0.25	**4.63**	0.64	0.12
VAX68C	**64.33**	0.17	0.49	**0.99**	0.15	0.12	**9.83**	0.60	0.09	**63.00**	-0.14	1.05	**3.20**	-0.36	0.00
VF6TKE	**51.09**	-0.85	1.04	**4.41**	5.88X	2.15	**6.45**	-0.32	0.29	**41.40**	-1.92	0.58	**4.77**	0.74	0.59
VJ64ET	**48.95**	-1.01	0.06	**10.10**	15.40X	1.24	**19.02**	3.10X	0.92	**41.00**	-1.95	0.07	**69.10**	45.71X	1.83
VNVEPR	**91.55**	2.25	0.10	**2.66**	2.95	0.07	**12.93**	1.45	0.20	**77.08**	1.02	0.09	**11.47**	5.42X	0.26
WL9YXV	**70.93**	0.67	1.31	**0.69**	-0.35	0.52	**9.03**	0.38	0.08	**74.57**	0.82	1.07	**3.50**	-0.15	0.66
YUDNNZ	**67.70**	0.43	1.10	**0.42**	-0.80	0.50	**10.30**	0.73	0.96	**73.13**	0.70	1.71	**2.37**	-0.94	0.38
Z9RD3R	**60.90**	-0.10	0.22	**0.83**	-0.12	0.58	**1.63**	-1.64	0.03	**59.17**	-0.45	0.09	**3.76**	0.03	0.11
ZXMHL9	**20.64**	-3.18X	0.01	**0.60**	-0.50	0.38	**2.93**	-1.28	0.64	**20.50**	-3.64X	0.09	**3.82**	0.07	0.27

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	62.2	0.90	7.63	64.7	3.71
Median Abs Dev	8.4	0.30	1.60	6.6	0.91
Avg Within Lab SD	3.1	0.19	0.64	3.4	0.45
Labs Included	37	35	37	37	36
Labs Reporting	38	38	38	38	38

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**33.0**	-1.07		**25.0**	-1.03		**453.0**	0.08	0.09	**33.0**	-1.04		**2.0**	-0.51	
3BLB4V	**38.9**	-0.65	0.90	**21.1**	-1.31	0.25	**456.1**	0.11	1.48	**39.2**	-0.51	0.26	**2.3**	-0.32	0.49
43AEYN	**29.5**	-1.33	0.09	**26.8**	-0.91	0.02	**425.0**	-0.25	0.22	**33.1**	-1.03	0.05	**3.8**	0.80	0.26
4QFVKH	**52.7**	0.33	0.58	**37.7**	-0.15	0.19	**553.3**	1.24	2.83	**34.7**	-0.90	0.53	**2.7**	-0.02	1.24
6BH4CM	**36.4**	-0.83	0.56	**35.0**	-0.33	0.90	**146.1**	-3.47X	0.10	**41.8**	-0.30	2.50	**2.2**	-0.35	0.45
6DZMWG	**43.1**	-0.35	0.20	**28.7**	-0.78	0.31	**406.2**	-0.46	0.11	**47.3**	0.16	2.57	**2.4**	-0.18	0.18
6KNBRM	**48.0**	0.00	0.14	**45.5**	0.40	0.48	**449.1**	0.03	0.45	**56.5**	0.94	0.33	**5.9**	2.34	1.83
6MDEPZ	**59.2**	0.80	0.66	**47.8**	0.56	0.53	**533.3**	1.00	2.05	**44.0**	-0.11	0.52	**2.5**	-0.11	0.55
9DV6PW	**57.5**	0.68	0.51	**56.3**	1.16	1.63	**499.0**	0.61	0.90	**45.3**	0.00	0.84	**2.6**	-0.07	0.43
AGA2UX	**52.3**	0.31	0.58	**31.3**	-0.59	0.19	**346.3**	-1.15	0.03	**42.3**	-0.25	0.15	**3.0**	0.22	
AV4QLN	**66.1**	1.29	0.16	**62.2**	1.57	0.31	**507.7**	0.71	0.36	**62.8**	1.48	1.83	**3.1**	0.32	0.53
BC9DQW	**36.8**	-0.80	0.16	**30.7**	-0.64	0.16	**378.9**	-0.78	0.12	**32.2**	-1.11	0.06	**2.2**	-0.37	0.17
BNN87V	**55.8**	0.56	0.27	**55.9**	1.13	0.54	**543.6**	1.12	1.68	**50.4**	0.42	0.40	**3.6**	0.67	0.43
CWCHTV	**59.6**	0.83		**42.4**	0.18		**362.7**	-0.97		**45.9**	0.05		**2.7**	0.00	
DU6KV9	**65.5**	1.25	0.33	**40.7**	0.06	0.26	**585.8**	1.61	0.38	**82.5**	3.13X	0.69	**5.1**	1.73	0.45
EDCALB	**30.4**	-1.26	2.81	**15.2**	-1.72	0.71	**280.0**	-1.92	3.12	**27.8**	-1.48	1.17	**2.5**	-0.12	1.33
EDCEZJ	**46.3**	-0.12	0.31	**43.1**	0.23	0.14	**431.4**	-0.17	0.07	**50.2**	0.41	0.10	**5.2**	1.84	0.49
JM4JX2	**52.7**	0.34	1.11	**39.4**	-0.03	0.68	**480.3**	0.39	0.62	**46.9**	0.13	0.66	**3.0**	0.22	0.35
K9KXD8	**44.3**	-0.26	0.25	**43.6**	0.27	0.20	**474.7**	0.33	0.41	**51.0**	0.48	2.14	**2.4**	-0.24	1.01
KJWKZD	**35.0**	-0.93	0.02	**24.2**	-1.09	0.20	**275.2**	-1.98	0.02	**55.0**	0.81	0.57	**5.3**	1.92	0.50
KL9ZUE	**54.4**	0.46	0.95	**52.9**	0.92	1.51	**471.0**	0.29	0.70	**49.0**	0.31	1.03	**3.3**	0.46	1.16
LME3V4	**49.9**	0.14	1.03	**38.1**	-0.11	3.46	**441.7**	-0.05	1.29	**40.0**	-0.45	1.05	**2.6**	-0.10	2.35
MKM4G6	**41.5**	-0.46	0.98	**27.1**	-0.89	0.53	**382.1**	-0.74	0.97	**26.1**	-1.62	0.17	**1.8**	-0.64	0.78
MRLNKL	**65.6**	1.26	1.44	**39.7**	0.00	0.80	**512.7**	0.77	0.93	**50.7**	0.45	0.63	**2.5**	-0.12	0.33
N9TAJ2	**53.5**	0.40	0.08	**53.9**	0.99	0.87	**446.3**	0.00	0.93	**41.1**	-0.36	0.04	**3.8**	0.78	0.81
NLRBW3	**44.3**	-0.26	0.50	**39.8**	0.00	0.07	**418.8**	-0.32	0.14	**38.9**	-0.55	0.43	**2.4**	-0.19	0.65

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PNECFW	**45.3**	-0.19	0.43	**41.1**	0.10	0.15	**417.9**	-0.33	0.14	**50.6**	0.45	0.92	**4.5**	1.29	2.67
Q2XFZX	**63.2**	1.08	0.16	**45.4**	0.39	0.18	**458.2**	0.14	0.10	**50.5**	0.43	0.14	**5.9**	2.33	0.14
QDCD62	**78.4**	2.18	0.52	**42.1**	0.16	0.35	**851.3**	4.68X	0.94	**53.5**	0.69	0.34	**3.9**	0.90	2.15
R83AWE	**64.0**	1.14	3.90	**53.3**	0.95	3.32	**539.4**	1.07	0.41	**49.9**	0.39	1.89	**4.2**	1.11	1.86
RMXUBG	**56.3**	0.60	0.58	**55.7**	1.11	0.69	**487.7**	0.48	0.08	**49.7**	0.37	0.15	**4.0**	0.95	
UX4Q7V	**54.2**	0.44	0.42	**57.7**	1.25	1.04	**435.3**	-0.13	0.23	**45.3**	0.00	0.45	**3.7**	0.71	0.82
VAX68C	**43.0**	-0.36	1.01	**46.7**	0.48	0.69	**473.3**	0.31	0.82	**35.0**	-0.87	0.51	**3.5**	0.56	0.45
VF6TKE	**43.5**	-0.32	1.01	**27.4**	-0.86	0.52	**380.1**	-0.76	0.86	**70.1**	2.09	1.50	**8.1**	3.96X	1.66
VJ64ET	**33.4**	-1.05	0.07	**21.5**	-1.28	0.13	**251.2**	-2.25	0.07	**24.6**	-1.75	0.02	**1.8**	-0.66	0.09
VNVEPR	**95.5**	3.40X	0.24	**76.7**	2.58X	0.08	**912.2**	5.38X	0.18	**57.9**	1.06	0.08	**5.3**	1.87	0.06
WL9YXV	**50.9**	0.21	0.96	**28.4**	-0.80	0.47	**446.0**	0.00	0.38	**45.8**	0.04	0.59	**2.7**	-0.01	0.28
YUDNNZ	**47.9**	-0.01	0.56	**47.4**	0.53	1.19	**485.6**	0.45	0.53	**39.4**	-0.50	0.56	**2.0**	-0.49	0.36
Z9RD3R	**39.5**	-0.61	0.02	**30.6**	-0.64	0.26	**395.0**	-0.59	0.39	**36.8**	-0.72	0.49	**2.1**	-0.45	0.13
ZXMHL9	**32.0**	-1.14	0.35	**29.5**	-0.72	0.16	**329.3**	-1.35	0.05	**26.4**	-1.60	1.23	**2.2**	-0.34	0.11

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	48.0	39.8	446.3	45.3	2.70
Median Abs Dev	8.3	9.2	41.4	5.7	0.63
Avg Within Lab SD	2.6	3.0	18.6	3.9	0.47
Labs Included	39	39	37	39	39
Labs Reporting	40	40	40	40	40

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.74**	-1.24	0.10	**0.39**	-1.12	0.12	**1.16**	-0.17	0.06	**0.21**	-0.97	0.00	**0.48**	-0.65	0.00
3BLB4V	**0.77**	-1.09	0.98	**0.40**	-1.10	0.00	**1.23**	-0.02	0.63	**0.30**	0.11	0.00	**0.47**	-0.72	1.34
43AEYN	**0.58**	-2.04	0.20	**0.45**	-0.92	0.25	**1.41**	0.38	0.62	**0.18**	-1.33	0.00	**0.53**	-0.38	0.40
4QFVKH	**1.07**	0.47	0.98	**0.60**	-0.32	0.00	**1.53**	0.67	1.66	**0.20**	-1.09	0.00	**0.40**	-1.08	0.00
6BH4CM	**0.80**	-0.93	0.96	**0.63**	-0.20	0.21	**0.26**	-2.24	0.23	**0.20**	-1.09	0.28	**0.44**	-0.84	1.27
6DZMWG	**0.92**	-0.30	0.42	**0.52**	-0.62	0.57	**1.46**	0.51	0.21	**0.37**	0.95	1.03	**0.63**	0.18	0.61
6KNBRM	**1.03**	0.28	0.51	**0.72**	0.14	0.25	**1.26**	0.05	0.22	**0.34**	0.59	0.28	**0.67**	0.39	0.81
6MDEPZ	**1.05**	0.36	0.43	**0.75**	0.27	0.21	**1.16**	-0.17	0.55	**0.27**	-0.29	0.43	**0.56**	-0.23	0.53
9DV6PW	**1.11**	0.71	0.35	**0.92**	0.93	0.37	**0.77**	-1.06	2.33	**0.33**	0.47	0.28	**0.67**	0.36	0.13
AGA2UX	**0.90**	-0.40	0.00	**0.50**	-0.71		**1.10**	-0.32	0.00	**0.30**	0.11	0.00	**0.60**	0.00	0.00
AV4QLN	**1.20**	1.15	1.15	**0.91**	0.89	0.84	**0.49**	-1.71	0.05	**0.32**	0.32	0.54	**0.62**	0.10	0.19
BC9DQW	**0.88**	-0.52	0.49	**0.99**	1.20	0.77	**1.42**	0.42	0.49	**0.27**	-0.21	0.16	**1.02**	2.28	0.96
BNN87V	**0.92**	-0.31	0.26	**0.79**	0.42	0.62	**1.01**	-0.53	3.04	**0.27**	-0.25	0.46	**0.66**	0.34	0.73
DU6KV9	**0.93**	-0.22	0.64	**0.83**	0.59	0.69	**1.33**	0.21	1.79	**0.43**	1.67	0.56	**1.06**	2.46	0.96
EDCALB	**0.73**	-1.30	2.51	**0.30**	-1.49	0.61	**1.04**	-0.47	1.30	**0.23**	-0.73	0.00	**0.44**	-0.89	1.47
EDCEZJ	**0.97**	-0.01	0.21	**1.10**	1.62	0.65	**1.71**	1.08	0.11	**0.28**	-0.17	0.46	**0.91**	1.65	0.08
JM4JX2	**0.90**	-0.38	0.60	**0.57**	-0.45	0.66	**1.29**	0.11	0.87	**0.26**	-0.33	0.43	**0.58**	-0.12	0.75
K9KXD8	**0.99**	0.05	0.39	**0.71**	0.11	0.21	**1.43**	0.43	0.22	**0.20**	-1.09	0.28	**0.44**	-0.84	1.14
KJWKZD	**0.92**	-0.32	0.34	**0.50**	-0.69	0.41	**1.00**	-0.55	0.01	**0.33**	0.52	0.31	**0.53**	-0.38	0.77
KL9ZUE	**1.06**	0.44	1.16	**0.80**	0.47	1.41	**1.44**	0.46	0.67	**0.29**	0.02	0.48	**0.59**	-0.05	1.54
LME3V4	**1.08**	0.56	1.57	**0.62**	-0.23	3.50	**1.47**	0.53	0.72	**0.29**	-0.01	0.98	**0.63**	0.16	2.67
MKM4G6	**0.83**	-0.74	2.53	**0.45**	-0.92	0.54	**0.88**	-0.83	0.06	**0.19**	-1.25	0.33	**0.35**	-1.33	0.58
MRLNKL	**1.27**	1.52	1.72	**0.65**	-0.14	1.22	**1.03**	-0.49	0.54	**0.44**	1.83	1.27	**0.67**	0.36	1.27
N9TAJ2	**1.14**	0.87	0.26	**0.85**	0.64	0.33	**1.60**	0.82	0.98	**0.39**	1.23	0.16	**0.70**	0.54	0.40
NLRBW3	**0.79**	-0.96	0.62	**0.87**	0.75	0.05	**1.25**	0.02	0.42	**0.30**	0.06	0.06	**0.78**	0.94	0.12
PNECFW	**0.98**	0.01	0.51	**0.68**	0.00	0.38	**1.30**	0.14	0.08	**0.25**	-0.53	0.58	**0.51**	-0.49	0.67

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Q2XFZX	**1.11**	0.68	0.23	**0.55**	-0.51	0.05	**0.86**	-0.86	0.22	**0.14**	-1.83	0.28	**0.67**	0.38	0.24
QDCD62	**1.42**	2.29	1.22	**0.69**	0.03	0.21	**2.27**	2.35	0.11	**0.33**	0.47	0.56	**0.66**	0.30	0.13
R83AWE	**1.39**	2.13	2.19	**1.00**	1.23	3.27	**0.76**	-1.09	2.67	**0.44**	1.81	4.61	**0.95**	1.86	3.09
RMXUBG	**1.00**	0.12		**0.73**	0.20	1.24	**1.23**	-0.02	0.63	**0.27**	-0.29	1.63	**0.57**	-0.18	1.34
UX4Q7V	**1.00**	0.10	0.55	**0.83**	0.57	0.76	**0.74**	-1.14	1.12	**0.29**	-0.01	1.68	**0.62**	0.11	0.45
VAX68C	**1.07**	0.47	0.98	**0.98**	1.15	0.45	**1.77**	1.20	0.63	**0.30**	0.15	0.33	**0.67**	0.39	0.48
VF6TKE	**0.90**	-0.37	0.85	**0.50**	-0.69	1.28	**1.10**	-0.32	0.22	**0.32**	0.31	0.98	**0.43**	-0.94	0.59
VJ64ET	**0.90**	-0.38	0.10	**0.38**	-1.19	1.22	**0.43**	-1.84	0.88	**0.01**	-3.37X	0.00	**0.49**	-0.59	0.00
VNVEPR	**1.70**	3.76X	0.38	**1.19**	1.99	0.55	**2.61**	3.12X	0.08	**0.45**	1.93	0.18	**1.05**	2.40	0.18
WL9YXV	**1.06**	0.45	1.03	**0.51**	-0.66	0.54	**1.43**	0.43	0.51	**0.29**	0.01	0.48	**0.62**	0.13	1.39
YUDNNZ	**0.96**	-0.09	0.85	**0.73**	0.18	0.45	**1.47**	0.52	0.29	**0.32**	0.39	0.16	**0.55**	-0.27	0.83
Z9RD3R	**0.73**	-1.26	0.26	**0.47**	-0.81	0.50	**0.69**	-1.26	0.17	**0.24**	-0.57	0.65	**0.47**	-0.72	0.35
ZXMHL9	**0.99**	0.09	0.52	**0.64**	-0.17	0.45	**1.34**	0.23	0.76	**0.24**	-0.61	1.72	**0.55**	-0.29	0.13

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.98	0.68	1.24	0.29	0.60
Median Abs Dev	0.09	0.17	0.22	0.04	0.07
Avg Within Lab SD	0.06	0.05	0.09	0.04	0.04
Labs Included	38	39	38	38	39
Labs Reporting	39	39	39	39	39

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EDCALB	**1.56**			**1.87**			**12.18**			**3.38**			**3.25**		

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.56	1.87	12.2	3.38	3.25
Median Abs Dev					
Avg Within Lab SD	0.00	0.00	0.0	0.00	0.00
Labs Included	1	1	1	1	1
Labs Reporting	1	1	1	1	1

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**2.47**	0.04	0.11	**6.93**	0.29	0.30	**21.93**	0.22	0.76	**2.07**	-0.26	0.04	**24.63**	0.00	0.12
43AEYN	**1.77**	-0.48	0.56	**2.53**	-1.57	0.41	**8.23**	-1.91	0.07	**1.07**	-0.81	0.04	**10.10**	-3.72X	0.38
6KNBRM	**2.63**	0.16	0.28	**6.43**	0.08	0.80	**18.80**	-0.27	0.32	**2.43**	-0.06	0.07	**25.30**	0.17	0.79
EDCEZJ	**2.37**	-0.04	0.17	**0.56**	-2.40	0.06	**7.66**	-2.00	0.44	**3.17**	0.35	0.41	**19.16**	-1.40	0.99
H3KUDP	**5.83**	2.50	1.56	**6.07**	-0.08	1.13	**16.37**	-0.65	1.60	**4.87**	1.29	0.41	**23.30**	-0.34	0.63
KL9ZUE	**3.84**	1.04	2.51	**8.72**	1.05	2.14	**24.25**	0.58	1.50	**6.64**	2.28	3.09	**31.78**	1.83	0.99
LME3V4	**4.20**	1.30	0.37	**8.33**	0.88	0.50	**21.97**	0.23	0.42	**3.93**	0.78	0.16	**27.80**	0.81	1.10
MKM4G6	**1.05**	-1.00	0.65	**5.33**	-0.39	0.86	**19.10**	-0.22	1.02	**1.35**	-0.66	0.23	**27.63**	0.77	2.00
MRLNKL	**2.27**	-0.11	0.38	**6.27**	0.01	1.32	**22.70**	0.34	1.62	**2.63**	0.06	0.16	**22.67**	-0.50	0.67
VAX68C	**2.30**	-0.09	0.37	**6.23**	-0.01	0.70	**22.67**	0.33	0.69	**2.17**	-0.20	0.10	**23.67**	-0.25	0.61

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2.42	6.25	20.5	2.53	24.6
Median Abs Dev	0.43	0.80	2.2	0.91	2.0
Avg Within Lab SD	0.54	0.50	0.8	1.59	1.0
Labs Included	10	10	10	10	9
Labs Reporting	10	10	10	10	10

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**0.72**	1.13	3.74	**0.57**	-0.41	3.25	**0.73**	0.26	1.81	**0.45**	2.72	4.05	**0.91**	0.67	0.92
4VNGB2	**0.88**	1.83	0.24	**0.93**	0.99	0.06	**0.98**	1.02	0.13	**0.60**	4.14X	0.16	**1.04**	1.15	0.15
6MDEPZ	**0.45**	-0.04	0.13	**0.67**	-0.02	0.27	**0.65**	0.01	0.45	**0.12**	-0.26	0.08	**0.78**	0.19	0.34
9DV6PW	**0.58**	0.52	0.35	**0.78**	0.44	1.15	**0.96**	0.97	0.93	**0.10**	-0.44	0.08	**0.91**	0.68	1.38
AGA2UX	**0.80**	1.47	1.34	**1.90**	4.79X	1.28	**1.50**	2.67X	1.48	**0.80**	5.97X	1.32	**1.83**	4.08X	3.37
AV4QLN	**0.28**	-0.79	1.21	**0.23**	-1.71	1.13	**0.28**	-1.17	0.97	**0.03**	-1.15	0.15	**0.24**	-1.78	0.79
BC9DQW	**0.21**	-1.10	0.20	**0.68**	0.02	0.07	**0.38**	-0.86	0.52	**0.17**	0.14	0.15	**0.48**	-0.90	0.22
EDCEZJ	**0.33**	-0.54	0.04	**0.71**	0.16	0.09	**0.40**	-0.78	0.04	**0.23**	0.73	0.00	**0.77**	0.18	0.16
GDK777	**0.53**	0.30	0.40	**0.68**	0.03	0.39	**0.65**	-0.01	0.31	**0.14**	-0.08	0.08	**0.72**	-0.03	0.51
JM4JX2	**0.55**	0.38	0.89	**0.60**	-0.30	0.37	**1.00**	1.09	0.58	**0.34**	1.71	1.12	**0.64**	-0.31	0.48
KL9ZUE	**0.47**	0.03	1.11	**0.67**	-0.02	1.52	**0.60**	-0.14	2.89	**0.18**	0.22	0.38	**0.68**	-0.18	3.27
N9TAJ2	**0.27**	-0.84	0.20	**0.39**	-1.11	0.32	**0.41**	-0.76	0.45	**0.09**	-0.54	0.28	**0.55**	-0.64	0.96
NLRBW3	**0.28**	-0.76	0.08	**0.70**	0.12	0.08	**0.57**	-0.27	0.06	**0.17**	0.20	0.02	**0.48**	-0.90	0.09
R83AWE	**0.62**	0.70	0.32	**0.77**	0.39	0.66	**0.88**	0.73	1.68	**0.22**	0.59	0.07	**0.96**	0.86	1.22
RMXUBG	**0.46**	0.00	0.13	**0.51**	-0.62	0.30	**0.70**	0.16	0.30	**0.16**	0.08	0.00	**0.74**	0.07	0.46
TVHKBE	**0.56**	0.43	0.19	**1.04**	1.44	0.02	**1.02**	1.16	0.55	**0.17**	0.15	0.10	**1.02**	1.09	0.45
U8C2ZF	**0.43**	-0.12	0.77	**0.87**	0.76	0.74	**0.90**	0.78	0.00	**0.10**	-0.48	0.00	**0.70**	-0.09	0.00
VNVEPR	**0.13**	-1.42	0.04	**0.15**	-2.03	0.03	**0.21**	-1.39	0.03	**0.00**	-1.38	0.00	**0.29**	-1.59	0.25
VZC2ZD	**0.60**	0.59	0.47	**0.93**	1.02	1.41	**0.91**	0.82	0.26	**0.11**	-0.38	0.00	**1.00**	1.01	0.76
Z9RD3R	**0.19**	-1.15	0.41	**0.26**	-1.60	0.39	**0.30**	-1.09	1.40	**0.05**	-0.91	0.08	**0.42**	-1.13	0.55
ZZYXFA	**0.45**	-0.04	0.33	**0.60**	-0.30	0.89	**0.64**	-0.02	0.46				**0.73**	0.03	1.21

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.46	0.67	0.65	0.15	0.72
Median Abs Dev	0.14	0.11	0.25	0.05	0.18
Avg Within Lab SD	0.07	0.08	0.07	0.08	0.05
Labs Included	21	20	20	18	20
Labs Reporting	21	21	21	20	21

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.08**	-1.01	0.33	**0.29**	-0.68	0.00	**0.19**	-0.61	0.15	**0.01**	-1.52	0.00	**0.59**	0.53	0.35
3BLB4V	**0.13**	-0.35	0.09	**0.35**	-0.15	1.07	**0.29**	-0.41	1.67	**0.14**	0.19	0.02	**0.61**	0.67	0.52
43AEYN	**0.17**	0.26	0.33	**0.42**	0.40	0.43	**1.12**	1.21	1.36	**0.42**	4.12X	0.94	**0.62**	0.78	0.53
4QFVKH	**0.24**	1.15	2.07	**0.36**	-0.05	1.07	**2.67**	4.23X	7.24	**0.09**	-0.47	0.18	**0.39**	-0.98	0.70
6BH4CM	**0.11**	-0.53	0.66	**0.37**	0.03	1.43	**0.29**	-0.41	0.70	**0.04**	-1.15	0.18	**0.49**	-0.20	1.07
6DZMWG	**0.08**	-1.04	0.00	**0.26**	-0.97	1.29	**0.25**	-0.49	0.92	**0.05**	-1.02	0.16	**0.47**	-0.36	0.74
6KNBRM	**0.15**	0.00	1.66	**0.46**	0.80	0.71	**0.94**	0.86	0.85	**0.18**	0.76	0.47	**0.61**	0.70	1.72
BNN87V	**0.14**	-0.13	0.41	**0.37**	0.00	0.51	**0.22**	-0.54	0.40	**0.12**	-0.03	0.29	**0.49**	-0.22	0.78
DU6KV9	**0.13**	-0.31	1.15	**0.21**	-1.33	0.43	**0.52**	0.03	0.55	**0.12**	0.03	0.77	**0.52**	0.03	0.53
K9KXD8	**0.20**	0.62	1.00	**0.50**	1.14	1.34	**1.31**	1.58	1.37	**0.14**	0.21	0.18	**0.50**	-0.15	0.35
KJWKZD	**0.07**	-1.09	0.09	**0.16**	-1.75	0.30	**0.37**	-0.25	0.06	**0.10**	-0.30	0.06	**0.27**	-1.88	0.35
LME3V4	**0.17**	0.22	0.57	**0.44**	0.60	1.42	**0.21**	-0.57	0.15	**0.11**	-0.20	3.07	**0.70**	1.38	1.45
MKM4G6	**0.20**	0.62	0.57	**0.36**	-0.08	0.98	**0.48**	-0.03	0.55	**0.13**	0.17	0.18	**0.52**	0.00	1.85
PNECFW	**0.29**	1.75	0.45	**0.40**	0.22	1.30	**0.86**	0.71	0.62	**0.24**	1.68	1.95	**0.28**	-1.83	1.07
VAX68C	**0.13**	-0.35	0.88	**0.56**	1.65	0.43	**0.56**	0.12	0.00	**0.03**	-1.21	0.28	**0.64**	0.90	0.92
VF6TKE	**0.21**	0.80	1.44	**0.33**	-0.38	0.30	**1.02**	1.01	0.80	**0.24**	1.56	1.27	**0.46**	-0.46	1.41
YUDNNZ	**0.25**	1.23	1.76	**0.52**	1.25	1.73	**1.51**	1.96	2.37	**0.14**	0.30	0.18	**0.57**	0.40	0.73

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.15	0.37	0.50	0.12	0.52
Median Abs Dev	0.05	0.07	0.29	0.03	0.07
Avg Within Lab SD	0.02	0.04	0.04	0.03	0.03
Labs Included	17	17	16	16	17
Labs Reporting	17	17	17	17	17

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.17**	0.26	0.50	**0.34**	-0.03	0.28	**1.01**	0.20	0.80	**0.07**	0.25	0.63	**0.10**	0.71	1.85
46WTPJ	**0.18**	1.28	1.39	**0.37**	0.81	0.71	**1.03**	0.43	0.24	**0.07**	0.07	0.22	**0.09**	-0.09	0.37
6BH4CM	**0.17**	0.44	0.00	**0.37**	0.92	0.00	**1.04**	0.59	0.94	**0.07**	0.13	0.44	**0.09**	-0.37	0.00
AV4QLN	**0.16**	-0.50	0.56	**0.34**	0.03	0.45	**0.95**	-0.56	2.32	**0.06**	-0.25	0.46	**0.09**	0.09	1.86
H3KUDP	**0.16**	-0.34	1.99	**0.32**	-0.77	1.09	**0.93**	-0.81	0.06	**0.06**	-0.07	0.61	**0.10**	0.11	0.46
LME3V4	**0.17**	0.06	0.96	**0.37**	0.90	2.42	**1.04**	0.58	0.73	**0.06**	-0.31	0.26	**0.10**	0.26	0.54
MKM4G6	**0.32**	16.15X	2.89	**0.67**	10.36X	1.86	**2.62**	20.04X	3.04	**0.15**	3.74	2.59	**0.17**	7.65X	5.62
Q2XFZX	**0.17**	-0.06	0.46	**0.34**	-0.05	0.29	**0.98**	-0.20	0.34	**0.99**	42.41X	0.59	**0.06**	-2.99	0.35
VNVEPR	**0.14**	-2.46	0.63	**0.28**	-1.89	0.34	**0.83**	-2.02	0.61	**0.05**	-0.57	0.09	**0.09**	-0.79	0.60

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.17	0.34	1.00	0.064	0.09
Median Abs Dev	0.00	0.03	0.05	0.006	0.00
Avg Within Lab SD	0.01	0.01	0.02	0.013	0.00
Labs Included	8	8	8	8	8
Labs Reporting	9	9	9	9	9

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.18**	0.62	0.06	**0.38**	0.40	0.36	**1.10**	0.48	0.70	**0.07**	0.46	0.14	**0.10**	0.51	0.23
3BLB4V	**0.19**	0.91	0.00	**0.37**	0.05	0.78	**1.08**	0.26	0.29	**0.07**	0.51	0.00	**0.11**	0.70	1.29
3YVGTM	**0.12**	-2.21	0.17	**0.32**	-1.87	0.43	**1.04**	-0.16	0.89	**0.05**	-1.07	0.93	**0.07**	-1.61	1.14
43AEYN	**0.17**	0.01	0.06	**0.34**	-1.11	0.36	**0.98**	-0.94	0.58	**0.06**	0.07	0.22	**0.10**	0.03	0.13
4VNGB2	**0.16**	-0.61	0.02	**0.36**	-0.24	0.16	**1.08**	0.32	0.28	**0.06**	-0.07	1.57	**0.09**	-0.26	1.23
6BH4CM	**0.16**	-0.55	0.24	**0.37**	0.33	0.78	**1.04**	-0.22	1.03	**0.06**	-0.38	1.09	**0.09**	-0.64	1.29
6KNBRM	**0.15**	-0.71	0.08	**0.38**	0.40	0.27	**1.03**	-0.35	1.27	**0.07**	0.44	1.13	**0.10**	0.37	0.78
H3KUDP	**0.17**	0.05	0.09	**0.36**	-0.05	0.28	**1.04**	-0.18	0.50	**0.07**	0.22	0.44	**0.10**	0.41	0.46
KL9ZUE	**0.18**	0.31	0.03	**0.37**	0.20	0.34	**1.07**	0.20	0.05	**0.05**	-0.53	0.14	**0.10**	-0.03	0.04
LME3V4	**0.18**	0.26	0.25	**0.37**	0.31	1.21	**1.08**	0.27	1.16	**0.06**	-0.12	1.65	**0.10**	-0.07	1.37
MRLNKL	**0.16**	-0.37	0.05	**0.35**	-0.74	0.08	**1.01**	-0.54	1.02	**0.06**	-0.44	0.11	**0.09**	-0.53	0.26
RJWQJU	**0.17**	-0.01	0.15	**0.39**	1.11	0.36	**1.12**	0.74	0.46	**0.07**	0.67	0.22	**0.11**	0.73	0.22
RQE2YG	**0.17**	0.01	0.06	**0.37**	0.19	0.27	**1.06**	0.10	0.57	**0.05**	-0.58	2.47	**0.09**	-0.51	2.34
UR3CME	**0.13**	-1.89	3.93	**0.36**	-0.37	0.78	**1.05**	-0.10	0.57	**0.07**	0.51	0.00	**0.10**	0.26	0.00
V4AKZQ	**0.14**	-1.28	0.00	**0.36**	-0.09	0.78	**1.13**	0.89	0.00	**0.06**	-0.16	0.00	**0.09**	-0.42	0.00
YUDNNZ	**0.19**	1.00	0.61	**0.29**	-3.34	3.35	**0.63**	-5.05	2.84	**0.13**	4.58	1.00	**0.15**	3.71	1.23

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.17	0.37	1.06	0.062	0.10
Median Abs Dev	0.01	0.01	0.02	0.007	0.01
Avg Within Lab SD	0.02	0.01	0.02	0.005	0.00
Labs Included	16	16	16	16	16
Labs Reporting	16	16	16	16	16

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**1.57**	-1.47	0.20	**3.89**	-1.30	0.31	**12.42**	-0.55	0.30	**0.26**	-2.52	0.11	**0.84**	-1.08	0.24
3BLB4V	**1.92**	0.84	0.21	**4.41**	0.28	1.99	**13.56**	1.88	0.46	**0.46**	0.34	0.00	**0.82**	-1.23	0.61
3YVGTM	**1.49**	-2.02	0.61	**4.07**	-0.77	0.57	**12.23**	-0.94	2.03	**0.43**	-0.01	1.64	**0.96**	-0.18	1.05
4VNGB2	**1.82**	0.13	1.77	**4.58**	0.80	0.70	**13.33**	1.39	0.38	**0.49**	0.74	1.03	**1.18**	1.51	1.63
H3KUDP	**1.70**	-0.67	0.12	**4.06**	-0.81	0.41	**11.97**	-1.49	0.23	**0.40**	-0.42	0.15	**0.98**	-0.03	0.22
KL9ZUE	**1.85**	0.36	0.29	**4.37**	0.15	0.12	**12.68**	0.02	0.08	**0.43**	-0.01	0.19	**0.88**	-0.78	0.30
MRLNKL	**1.80**	0.04	0.35	**4.18**	-0.42	1.77	**12.23**	-0.94	1.00	**0.48**	0.69	1.45	**0.86**	-0.93	1.31
PWB7FF	**3.00**	7.94X		**5.00**	2.08		**12.67**	-0.02	2.28	**1.00**	8.01X		**1.67**	5.31X	39.77
RJWQJU	**1.58**	-1.40	0.75	**4.32**	0.00	0.19	**12.73**	0.11	0.65	**0.42**	-0.16	0.93	**1.00**	0.17	0.66
RQE2YG	**1.89**	0.59	0.35	**4.46**	0.42	0.26	**12.83**	0.34	0.46	**0.45**	0.27	1.20	**1.09**	0.86	0.69
UR3CME	**1.81**	0.11	1.87	**4.37**	0.15	0.13	**12.59**	-0.17	0.26	**0.39**	-0.63	1.42	**0.98**	0.03	0.40
UX4Q7V	**1.79**	-0.04	0.99	**4.26**	-0.17	0.20	**12.79**	0.25	0.67	**0.44**	0.01	0.37	**1.03**	0.36	2.10
YUDNNZ	**1.73**	-0.41	1.74	**3.86**	-1.41	1.90	**10.12**	-5.43X	0.10	**0.60**	2.29	1.28	**1.10**	0.93	0.69

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.80	4.32	12.7	0.43	0.98
Median Abs Dev	0.08	0.14	0.2	0.03	0.11
Avg Within Lab SD	0.02	0.04	0.3	0.01	0.01
Labs Included	12	13	12	12	12
Labs Reporting	13	13	13	13	13

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**3.43**	1.14	1.02	**8.68**	0.95	1.69	**26.20**	0.54	0.99	**0.90**	0.62	0.55	**1.71**	0.65	0.97
46WTPJ	**2.62**	-0.54	0.03	**6.93**	-0.32	0.08	**16.98**	-0.71	0.02	**0.37**	-2.11	0.16	**0.93**	-1.93	0.13
4QFVKH	**3.67**	1.63	3.37	**8.50**	0.82	0.84	**24.07**	0.25	2.05	**0.90**	0.63	1.36	**1.60**	0.28	0.00
6KNBRM	**3.07**	0.38	0.27	**7.57**	0.14	0.18	**23.07**	0.12	0.73	**0.73**	-0.22	0.79	**1.40**	-0.37	0.82
AGA2UX	**2.63**	-0.52	0.54	**5.60**	-1.29	0.55	**18.80**	-0.46	0.43	**0.77**	-0.05	0.79	**1.40**	-0.37	0.00
AV4QLN	**2.77**	-0.23	0.48	**8.62**	0.91	2.80	**22.29**	0.01	0.55	**0.54**	-1.23	1.10	**1.32**	-0.62	1.69
EDCALB	**2.24**	-1.34	0.75	**2.67**	-3.42X	0.64				**1.07**	1.49	1.91	**1.48**	-0.11	1.43
H3KUDP	**3.09**	0.43	0.05	**7.81**	0.31	0.24	**23.51**	0.18	0.18	**0.73**	-0.22	0.79	**1.56**	0.14	0.34
K9KXD8	**2.56**	-0.67	0.19	**5.59**	-1.30	1.11	**23.75**	0.21	0.20	**0.90**	0.65	1.51	**1.45**	-0.21	1.64
Q2XFZX	**3.06**	0.37	0.07	**7.52**	0.10	0.06	**22.21**	0.00	0.31	**0.73**	-0.26	0.08	**1.48**	-0.11	0.00
R44YZE	**2.77**	-0.24	0.21	**7.15**	-0.16	0.56	**14.33**	-1.07	1.26	**0.83**	0.26	0.96	**1.93**	1.37	1.23
R83AWE	**2.46**	-0.88	1.37	**7.38**	0.00	0.47	**6.49**	-2.14	0.56	**0.78**	0.00	1.51	**1.55**	0.11	2.26
RMXUBG	**3.27**	0.80	0.32	**7.18**	-0.14	0.47	**8.30**	-1.90	0.21	**0.92**	0.74	0.14	**1.59**	0.25	0.22
VJ64ET	**2.33**	-1.16	0.10	**5.66**	-1.25	0.10	**16.83**	-0.73	0.11	**0.55**	-1.18	0.08	**1.13**	-1.27	0.09
VNVEPR	**2.99**	0.23	0.40	**7.81**	0.32	0.38	**26.94**	0.64	1.11	**1.64**	4.44X	1.78	**2.14**	2.06	0.06
Z9RD3R	**3.00**	0.24	0.47	**4.47**	-2.11	1.03	**13.87**	-1.14	2.33	**0.87**	0.46	0.79	**1.80**	0.94	0.00

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	2.88	7.38	22.2	0.78	1.51
Median Abs Dev	0.26	0.44	4.0	0.12	0.11
Avg Within Lab SD	0.21	0.31	0.6	0.07	0.12
Labs Included	16	15	15	15	16
Labs Reporting	16	16	15	16	16

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
36JZC6	**3.92**	0.24	0.76	**7.35**	-0.53	0.34	**19.54**	-0.74	2.36	**0.93**	-0.44	0.09	**1.88**	0.41	0.15
43AEYN	**3.58**	-0.82	0.14	**7.39**	-0.45	0.14	**20.26**	-0.39	0.38	**0.94**	-0.38	0.28	**1.63**	-1.13	0.78
4VNGB2	**3.91**	0.20	0.99	**7.91**	0.51	0.29	**21.63**	0.27	0.67	**1.02**	0.35	0.11	**1.85**	0.21	0.38
6BH4CM	**3.42**	-1.33	0.65	**6.96**	-1.26	0.61	**23.88**	1.37	0.39	**0.94**	-0.35	0.09	**1.64**	-1.06	0.65
6DZMWG	**3.89**	0.13	0.40	**7.48**	-0.29	0.21	**20.91**	-0.07	0.15	**0.98**	0.00	0.42	**1.81**	-0.04	0.09
6KNBRM	**3.70**	-0.45	0.00	**7.73**	0.19	0.39	**26.70**	2.74X	0.61	**0.73**	-2.34	0.93	**1.57**	-1.52	0.87
6MDEPZ	**3.80**	-0.14	2.16	**7.77**	0.25	1.41	**21.70**	0.31	1.00	**0.97**	-0.13	0.93	**1.83**	0.12	1.73
8RURFX	**4.13**	0.88	0.50	**8.25**	1.16	0.49	**22.47**	0.68	0.40	**1.12**	1.30	0.25	**1.98**	1.02	0.26
9DV6PW	**5.03**	3.71X	6.26	**6.70**	-1.74	2.34	**13.83**	-3.52X	1.27	**0.90**	-0.79	1.61	**1.93**	0.74	3.47
AV4QLN	**4.56**	2.24	0.52	**8.84**	2.25	1.12	**23.97**	1.41	0.93	**1.16**	1.71	0.42	**2.28**	2.87X	3.79
BC9DQW	**3.56**	-0.89	0.54	**7.08**	-1.04	0.10	**17.65**	-1.66	0.13	**0.93**	-0.44	0.33	**1.58**	-1.41	0.38
BD4XFG	**3.74**	-0.33	0.57	**6.77**	-1.61	0.42	**19.76**	-0.64	2.36	**0.89**	-0.82	0.91	**1.76**	-0.35	0.35
BHZM2U	**3.87**	0.09	0.26	**7.68**	0.08	0.10	**21.07**	0.00	0.07	**0.84**	-1.30	0.19	**1.63**	-1.13	0.15
BNN87V	**3.80**	-0.15	0.02	**7.78**	0.27	0.20	**22.59**	0.74	0.97	**0.96**	-0.18	0.15	**1.76**	-0.31	0.16
DU6KV9	**4.51**	2.09	2.24	**7.52**	-0.20	0.44	**20.50**	-0.28	1.21	**1.06**	0.79	0.67	**1.95**	0.86	0.57
EDCEZJ	**4.15**	0.95	1.20	**8.12**	0.92	0.63	**20.93**	-0.07	0.31	**1.13**	1.44	0.62	**1.99**	1.10	0.48
ELRQHQ	**3.82**	-0.08	0.00	**7.74**	0.20	0.00	**21.54**	0.23	0.00	**0.93**	-0.47	0.00	**1.85**	0.23	0.00
EUL3DK	**3.50**	-1.08	1.24	**6.93**	-1.30	0.39	**17.37**	-1.80	1.31	**0.99**	0.09	0.16	**1.69**	-0.78	0.23
GN6AFQ	**4.00**	0.48	1.02	**7.52**	-0.22	0.14	**20.19**	-0.43	0.31	**1.04**	0.54	0.40	**1.97**	0.94	0.68
H3KUDP	**3.60**	-0.77	1.24	**7.33**	-0.56	0.39	**21.07**	0.00	0.70	**0.90**	-0.76	0.00	**1.77**	-0.29	1.73
JM4JX2	**3.76**	-0.26	1.50	**7.60**	-0.07	2.86	**18.47**	-1.27	3.03	**1.02**	0.38	0.89	**1.81**	0.00	1.58
JWQEY2	**3.80**	-0.14	0.00	**7.63**	0.00	0.39	**20.60**	-0.23	0.23	**1.00**	0.19		**1.80**	-0.08	0.00
KJWKZD	**5.95**	6.56X	4.15	**9.02**	2.59	3.16	**17.71**	-1.63	2.17	**1.05**	0.71	2.45	**2.59**	4.78X	0.66
KL9ZUE	**3.97**	0.39	2.23	**7.92**	0.53	2.72	**22.36**	0.63	0.65	**1.06**	0.79	0.93	**1.94**	0.81	1.51
KLAVF6	**3.77**	-0.23	0.12	**6.90**	-1.36	0.07	**18.98**	-1.02	0.08	**0.88**	-0.95	0.16	**1.73**	-0.51	0.15
LME3V4	**3.45**	-1.24	1.70	**7.49**	-0.26	1.06	**21.08**	0.01	0.85	**0.94**	-0.38	0.28	**1.70**	-0.70	1.17

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MKM4G6	**2.78**	-3.31X	1.23	**5.53**	-3.92X	3.47	**17.72**	-1.63	0.32	**0.85**	-1.22	0.63	**1.56**	-1.54	1.54
NLRBW3	**3.80**	-0.14	0.25	**7.61**	-0.05	0.08	**21.29**	0.11	0.46	**0.96**	-0.16	0.19	**1.72**	-0.59	0.17
NPRLT3	**2.99**	-2.66	0.50	**7.61**	-0.05	0.50	**20.17**	-0.44	1.27	**0.75**	-2.18	0.42	**1.54**	-1.70	0.77
PNECFW	**4.16**	0.98	0.85	**8.66**	1.91	1.12	**24.21**	1.53	0.38	**1.09**	1.02	0.21	**2.14**	2.01	0.39
PWB7FF	**4.00**	0.48		**8.00**	0.69		**21.33**	0.13	1.33	**1.00**	0.19		**1.83**	0.12	0.87
QDCD62	**4.04**	0.60	1.91	**7.38**	-0.46	0.54	**18.07**	-1.46	0.99	**0.97**	-0.09	0.32	**1.91**	0.61	0.09
R39FU7	**4.25**	1.28	1.09	**8.22**	1.10	0.72	**22.50**	0.70	0.34	**1.08**	0.95	1.25	**1.78**	-0.20	1.48
R44XYT	**3.87**	0.09	0.07	**7.73**	0.18	0.04	**21.66**	0.29	0.02	**1.04**	0.57	0.16	**1.82**	0.06	0.09
R83AWE	**4.15**	0.95	1.67	**8.07**	0.81	1.01	**19.35**	-0.84	0.59	**0.91**	-0.64	4.83	**2.06**	1.53	1.33
RJWQJU	**4.03**	0.59	0.72	**7.73**	0.19	0.78	**22.17**	0.54	0.81	**1.10**	1.14	0.00	**1.90**	0.53	1.50
RQE2YG	**3.82**	-0.08	0.00	**7.93**	0.56	0.04	**22.67**	0.78	0.13	**0.94**	-0.38	0.16	**1.84**	0.16	0.00
UX4Q7V	**3.29**	-1.74	0.41	**7.63**	0.00	0.20	**21.00**	-0.03	0.39	**0.99**	0.12	0.26	**1.69**	-0.78	0.47
V4AKZQ	**3.85**	0.03	0.14	**7.44**	-0.35	0.26	**20.97**	-0.05	0.15	**0.98**	0.03	0.09	**1.80**	-0.10	0.09
VAX68C	**4.00**	0.48	1.24	**7.93**	0.56	0.39	**22.33**	0.62	1.33	**1.06**	0.76	1.11	**2.00**	1.15	
VF6TKE	**3.80**	-0.14	0.00	**7.53**	-0.18	0.39	**21.93**	0.42	0.35	**0.97**	-0.13	0.93	**1.77**	-0.29	0.87
XMD7EU	**3.84**	-0.03	1.06	**7.49**	-0.27	0.10	**18.44**	-1.28	0.06	**1.10**	1.17	0.33	**1.88**	0.41	0.45
Z9RD3R	**4.40**	1.73	0.00	**8.70**	1.99	0.00	**23.97**	1.41	0.27	**1.10**	1.14	0.00	**2.00**	1.15	
ZCPUG8	**3.77**	-0.22	0.19	**7.45**	-0.34	0.07	**21.93**	0.42	0.27	**0.96**	-0.16	0.09	**1.78**	-0.18	0.23
ZXMHL9	**4.01**	0.53	0.44	**7.71**	0.15	0.94	**21.99**	0.45	1.00	**1.01**	0.32	0.56	**1.84**	0.14	1.43

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	3.85	7.63	21.1	0.98	1.81
Median Abs Dev	0.16	0.25	1.1	0.06	0.10
Avg Within Lab SD	0.08	0.15	0.4	0.06	0.07
Labs Included	42	44	43	45	43
Labs Reporting	45	45	45	45	45

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BC9DQW	**3.27**		0.39	**6.44**		0.10	**15.96**		0.18	**0.90**		0.48	**1.49**		0.28
MRLNKL	**4.47**		1.36	**8.63**		1.41	**24.10**		1.40	**1.07**		1.33	**2.00**		1.39

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	3.87	7.54	20.0	0.99	1.75
Median Abs Dev					
Avg Within Lab SD	0.11	0.15	0.3	0.04	0.07
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V													**2.75**	0.34	0.45
6BH4CM	**0.76**		0.43	**1.82**	0.61	0.78	**0.22**	-0.96	0.28	**0.03**		0.06	**3.03**	0.59	0.34
6KNBRM	**0.10**		0.00	**0.17**	-1.21	1.21	**0.20**	-0.98	0.90	**0.17**		1.15	**1.23**	-0.97	1.37
AV4QLN	**2.47**		1.95	**3.25**	2.19	2.03	**3.40**	1.87	1.97	**1.86**		1.64	**4.03**	1.44	2.28
BNN84A				**1.09**	-0.19	0.29	**1.50**	0.17	0.09				**1.64**	-0.61	0.28
LME3V4				**1.53**	0.29	0.40							**2.35**	0.00	0.55
MRLNKL				**1.06**	-0.23	0.46	**1.34**	0.03	0.34				**1.50**	-0.73	0.67
VNVEPR													**1.16**	-1.03	0.72
Z9RD3R	**0.10**		0.00	**1.27**	0.00	0.60	**1.27**	-0.03	1.04	**0.10**		0.00	**2.77**	0.36	0.52

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	0.43	1.27	1.30	0.13	2.35
Median Abs Dev		0.26	0.64		0.71
Avg Within Lab SD	0.12	0.10	0.11	0.10	0.11
Labs Included	4	7	6	4	9
Labs Reporting	4	7	6	4	9

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**19.7**	-0.18	0.54	**23.7**	0.00	0.05	**49.5**	-0.10	0.44	**3.6**	0.16	0.20	**10.7**	-0.02	0.39
3YVGTM	**20.4**	0.05	0.35	**21.7**	-0.63	0.28	**51.5**	0.10	0.96	**3.4**	-0.16	0.35	**10.6**	-0.16	0.15
4QFVKH	**21.7**	0.47	1.78	**20.8**	-0.92	1.47	**40.2**	-1.05	1.75	**4.5**	2.03	1.73	**11.1**	0.37	1.40
6BH4CM	**20.1**	-0.05	0.33	**22.2**	-0.47	0.20	**51.9**	0.14	0.58	**3.0**	-0.87	0.20	**10.1**	-0.65	0.13
H3KUDP	**18.8**	-0.44	0.07	**0.8**	-7.27X	0.03	**39.3**	-1.14	0.04	**3.4**	-0.21	0.09	**10.0**	-0.75	0.07
MRLNKL	**23.8**	1.12	1.25	**24.5**	0.25	0.57	**55.0**	0.45	0.74	**2.9**	-1.22	0.30	**10.7**	0.02	0.46
UX4Q7V	**19.6**	-0.21	0.65	**28.5**	1.51	1.02	**36.0**	-1.48	1.09	**3.7**	0.38	0.80	**12.0**	1.38	1.83
Z9RD3R	**29.3**	2.86	1.52	**26.7**	0.93	1.83	**59.7**	0.93	1.33	**3.7**	0.36	2.02	**12.7**	2.05	1.51

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	20.2	23.7	50.5	3.48	10.7
Median Abs Dev	1.0	2.0	6.8	0.19	0.5
Avg Within Lab SD	0.8	1.1	1.1	0.29	0.8
Labs Included	8	7	8	8	8
Labs Reporting	8	8	8	8	8

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3YVGTM	**24.8**	1.83	2.81				**43.7**	1.14	2.51	**7.0**	1.67	1.17			
43AEYN	**15.9**	-0.33	0.14	**17.1**	-0.95	0.94	**30.2**	-0.40	0.06	**4.7**	0.25	1.21	**13.4**	-0.89	0.26
4VNGB2	**16.3**	-0.24	0.51	**25.1**	0.74	0.37	**40.8**	0.81	1.08	**4.9**	0.41	1.06	**31.7**	1.88	0.20
AV4QLN	**16.4**	-0.21	0.81	**24.2**	0.55	0.83	**33.7**	0.00	0.56	**3.6**	-0.40	0.80	**19.9**	0.10	1.47
FJVWXR	**18.2**	0.22	0.79	**15.0**	-1.38	1.21	**20.5**	-1.52	0.77	**14.1**	6.02X	1.21	**25.9**	1.00	1.33
JM4JX2	**20.2**	0.72	0.88	**16.8**	-1.01	1.99	**34.2**	0.05	1.18	**5.1**	0.54	1.47	**18.1**	-0.17	2.26
KLAVF6	**7.4**	-2.38	0.14	**10.4**	-2.35	0.00	**16.5**	-1.98	0.10	**1.3**	-1.80	0.00	**10.3**	-1.34	0.10
MKM4G6	**19.2**	0.46	0.67	**21.5**	-0.01	0.49	**35.1**	0.16	1.44	**4.5**	0.13	1.35	**18.6**	-0.10	0.29
PWB7FF	**17.3**	0.02	0.78	**23.3**	0.37	1.35	**29.7**	-0.47	0.59	**4.8**	0.36	0.89	**22.0**	0.42	
QDCD62	**15.0**	-0.55	0.59	**21.6**	0.01	1.07	**30.2**	-0.40	0.52	**3.1**	-0.72	0.34	**14.6**	-0.71	0.97
RQE2YG	**23.9**	1.59	0.06	**21.4**	-0.03	0.98	**47.2**	1.54	0.23	**2.7**	-0.96	0.28	**18.2**	-0.15	0.28
UX4Q7V	**16.3**	-0.23	0.09	**23.7**	0.44	0.80	**35.0**	0.15	0.58	**3.1**	-0.72	0.56	**22.2**	0.45	0.51
XVTM9P	**17.3**	0.00	1.15	**22.8**	0.27	0.27	**32.3**	-0.16	0.33	**4.0**	-0.13	1.47	**25.2**	0.89	0.70

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	17.3	21.6	33.7	4.25	19.2
Median Abs Dev	1.4	2.4	3.5	0.78	3.8
Avg Within Lab SD	0.7	0.4	1.0	0.17	0.6
Labs Included	13	12	13	12	12
Labs Reporting	13	12	13	13	12

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**1.38**	0.72	0.33	**1.23**	1.93	0.28	**1.15**	1.32	0.20	**1.50**	0.65	0.16	**1.49**	0.69	0.15
AV4QLN	**1.35**	0.53	0.33	**1.18**	1.21	0.54	**1.03**	0.00	0.52	**1.51**	0.70	0.74	**1.50**	0.71	0.09
EDCALB	**1.37**	0.64	1.56	**1.15**	0.70	0.83	**1.10**	0.83	1.79	**1.39**	0.00	1.65	**1.47**	0.55	1.82
RJWQJU	**1.09**	-1.00	0.50	**1.10**	-0.10	1.27	**0.91**	-1.27	0.20	**1.23**	-0.92	0.27	**1.17**	-1.05	0.38
U8C2ZF	**1.26**	0.00	0.39	**1.11**	0.00	0.25	**1.03**	0.07	0.37	**1.39**	0.00	0.18	**1.37**	0.00	0.35
VZC2ZD	**1.13**	-0.80	1.37	**1.09**	-0.26	1.93	**1.00**	-0.33	1.15	**1.20**	-1.09	1.18	**1.22**	-0.81	1.77
XVTM9P	**1.09**	-1.02	1.44	**1.07**	-0.52	0.74	**0.95**	-0.90	1.41	**1.15**	-1.36	1.49	**1.20**	-0.90	0.50

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	1.26	1.11	1.03	1.39	1.37
Median Abs Dev	0.12	0.03	0.08	0.12	0.13
Avg Within Lab SD	0.03	0.02	0.03	0.04	0.04
Labs Included	7	7	7	7	7
Labs Reporting	7	7	7	7	7

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**14.7**	-0.03	0.73	**48.0**	0.22		**58.0**	0.36		**40.3**	-0.25	0.21	**56.0**	0.02	
3BLB4V	**12.9**	-0.26	0.45	**43.3**	-0.56	0.47	**54.6**	-0.10	0.48	**51.7**	1.19	0.26	**59.2**	0.53	0.34
3YVGTM	**3.3**	-1.57	0.36	**40.7**	-1.01	0.75	**55.3**	0.00	1.55	**36.3**	-0.75	0.85	**54.0**	-0.30	
43AEYN	**27.0**	1.65		**59.0**	2.08		**65.0**	1.32		**41.0**	-0.16		**55.0**	-0.14	
4VNGB2	**16.8**	0.27		**50.8**	0.70		**56.8**	0.21		**48.8**	0.83		**64.8**	1.45	
9DV6PW	**16.0**	0.16	0.63	**46.7**	0.00	1.36	**61.7**	0.86	2.16	**39.7**	-0.33	0.42	**57.0**	0.18	0.47
AV4QLN	**12.3**	-0.34	0.36	**42.7**	-0.67	0.75	**54.3**	-0.14	1.02	**37.0**	-0.67	0.37	**53.3**	-0.41	0.72
EDCALB	**20.0**	0.70		**64.0**	2.92X		**68.0**	1.73		**50.0**	0.98		**66.0**	1.64	
GN6AFQ	**15.0**	0.02	0.00	**48.8**	0.37	0.00	**46.9**	-1.15	0.00	**42.3**	0.00	0.00	**58.3**	0.40	0.00
JM4JX2	**14.3**	-0.08	2.23	**47.3**	0.11	1.39	**58.2**	0.39	2.28	**37.7**	-0.59	2.00	**52.9**	-0.48	3.28
JWQEY2	**9.0**	-0.80	1.93	**41.5**	-0.87		**49.1**	-0.85	1.08	**42.6**	0.04	1.08	**52.7**	-0.51	0.71
KL9ZUE	**18.3**	0.47	0.91	**46.2**	-0.08	0.82	**53.3**	-0.27	0.51	**35.2**	-0.90	2.49	**48.3**	-1.22	2.12
LME3V4	**18.5**	0.50	0.95	**48.5**	0.30	1.72	**58.2**	0.39	1.37	**42.9**	0.07	0.63	**56.1**	0.03	0.74
MKM4G6	**16.9**	0.28	1.27	**54.3**	1.28	2.03	**65.6**	1.40	0.93	**50.9**	1.09	2.28	**56.3**	0.06	0.44
PWB7FF	**19.0**	0.56		**51.0**	0.73		**64.0**	1.18		**47.0**	0.60		**61.0**	0.83	
Q2XFZX	**38.5**	3.22X	0.96	**59.1**	2.10	0.00	**64.6**	1.26	0.00	**5.1**	-4.71X	0.00	**66.6**	1.73	0.00
QDCD62	**7.1**	-1.05	0.07	**47.3**	0.10	0.20	**55.3**	-0.01	0.20	**33.3**	-1.14	0.11	**43.3**	-2.04	0.14
TVHKBE	**10.0**	-0.66	1.09	**42.7**	-0.67	0.38	**55.3**	0.00	0.39	**34.7**	-0.96	0.21	**50.7**	-0.84	0.27
U8C2ZF	**32.3**	2.38	0.73	**47.7**	0.17	0.75	**63.0**	1.04		**49.0**	0.85	0.73	**61.0**	0.83	
UX4Q7V	**13.0**	-0.25		**44.0**	-0.45		**52.0**	-0.45		**44.0**	0.22		**55.0**	-0.14	
V4AKZQ	**0.8**	-1.92	0.00	**34.4**	-2.07	0.53	**44.9**	-1.43	0.50	**30.9**	-1.44	0.25	**42.9**	-2.10	0.36
VAX68C	**17.3**	0.34	0.73	**47.3**	0.11	1.51	**53.3**	-0.27	0.77	**44.7**	0.30	0.42	**58.7**	0.45	1.09
VNVEPR	**14.9**	0.00	0.34	**51.5**	0.81	1.32	**60.1**	0.66	0.62	**45.5**	0.41	0.28	**62.1**	1.02	0.26
VZC2ZD	**11.0**	-0.53	1.26	**43.0**	-0.62	1.73	**52.7**	-0.36	0.77	**38.3**	-0.50	1.29	**52.7**	-0.52	0.55
XMD7EU	**20.3**	0.74	2.04	**45.8**	-0.15	0.13	**50.4**	-0.67	0.00	**48.0**	0.72		**58.4**	0.41	0.00
Z9RD3R	**11.7**	-0.43	0.44	**43.8**	-0.48	0.00	**52.1**	-0.44	0.46	**38.4**	-0.49	0.28	**52.5**	-0.54	0.59

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZCPUG8	**21.5**	0.91	0.32	**44.2**	-0.41	0.25	**64.7**	1.27	0.22	**57.1**	1.87	0.06	**55.7**	-0.02	0.36
ZZYXFA	**5.4**	-1.30	0.45	**40.4**	-1.06	0.07	**33.1**	-3.04X	0.64	**35.5**	-0.86	0.50	**55.7**	-0.03	0.58

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	14.9	46.7	55.3	42.3	55.9
Median Abs Dev	3.7	3.3	3.3	5.3	3.0
Avg Within Lab SD	1.6	1.5	1.5	2.7	2.1
Labs Included	27	27	27	27	28
Labs Reporting	28	28	28	28	28

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**55.3**	0.20	0.66	**42.0**	0.53		**34.7**	0.38	0.69	**53.7**	0.27	0.23	**36.0**	0.18	
3BLB4V	**58.8**	0.62		**42.1**	0.55	0.39	**32.5**	-0.03		**42.9**	-0.89	0.29	**31.3**	-0.51	0.34
3YVGTM	**71.3**	2.17	0.66	**49.3**	1.87	0.62	**36.7**	0.75	1.39	**57.7**	0.70	0.92	**37.3**	0.38	0.15
43AEYN	**54.0**	0.04		**34.0**	-0.92		**28.0**	-0.87		**50.0**	-0.13		**36.0**	0.18	
4VNGB2	**47.0**	-0.81		**33.0**	-1.10		**29.0**	-0.68		**39.0**	-1.31		**23.0**	-1.70	
9DV6PW	**52.7**	-0.12	0.66	**42.0**	0.53	0.54	**31.0**	-0.31	1.04	**54.3**	0.34	0.61	**34.7**	-0.01	0.31
AV4QLN	**53.3**	-0.04	0.33	**40.3**	0.23	0.31	**33.3**	0.13	0.35	**55.0**	0.41	0.40	**35.0**	0.04	0.27
EDCALB	**52.0**	-0.20		**30.0**	-1.65		**24.0**	-1.62		**34.0**	-1.86		**24.0**	-1.57	
GN6AFQ	**44.7**	-1.10	0.00	**21.0**	-3.30X	0.00	**25.0**	-1.44		**41.3**	-1.07	0.00	**25.3**	-1.37	0.00
JM4JX2	**55.5**	0.22	1.41	**41.5**	0.43	1.33	**34.6**	0.36	2.25	**53.6**	0.26	2.04	**35.9**	0.16	1.96
JWQEY2	**61.0**	0.90	1.51	**41.6**	0.47	0.81	**34.6**	0.36	0.97	**54.0**	0.31	1.57	**38.7**	0.58	0.70
KL9ZUE	**48.2**	-0.67	0.59	**32.3**	-1.23	0.62	**29.7**	-0.56	1.54	**49.8**	-0.14	1.53	**34.8**	0.01	2.48
LME3V4	**53.0**	-0.09	0.77	**37.5**	-0.29	1.48	**30.5**	-0.40	2.11	**52.7**	0.17	1.42	**35.6**	0.13	0.19
MKM4G6	**54.3**	0.07	0.80	**39.1**	0.00	2.07	**31.6**	-0.20	0.72	**42.4**	-0.95	2.57	**39.6**	0.71	0.47
PWB7FF	**44.0**	-1.19		**28.0**	-2.01		**19.0**	-2.56		**42.0**	-0.99		**22.0**	-1.86	
Q2XFZX	**43.1**	-1.30	0.87	**30.0**	-1.66	0.00	**21.8**	-2.04	0.00	**35.3**	-1.71	0.00	**25.7**	-1.32	0.00
QDCD62	**56.6**	0.36	0.52	**38.5**	-0.10	1.06	**32.8**	0.03	0.42	**54.5**	0.36	0.09	**40.7**	0.87	0.08
TVHKBE	**51.0**	-0.33	0.98	**34.3**	-0.86	0.31	**30.3**	-0.43	0.35	**52.3**	0.13	0.23	**33.0**	-0.25	0.46
U8C2ZF	**36.7**	-2.09	0.66	**37.3**	-0.32	0.62	**28.0**	-0.87		**44.0**	-0.78	0.80	**28.0**	-0.98	
UX4Q7V	**53.0**	-0.08		**38.0**	-0.19		**36.0**	0.63		**47.0**	-0.45		**33.0**	-0.25	
V4AKZQ	**62.2**	1.04	0.03	**48.6**	1.73	0.73	**36.0**	0.62	0.49	**64.1**	1.40	0.27	**44.2**	1.38	0.20
VAX68C	**57.3**	0.45	0.66	**39.3**	0.05	1.65	**36.7**	0.75	0.69	**52.7**	0.16	0.61	**35.7**	0.13	0.31
VNVEPR	**60.0**	0.78	0.29	**40.5**	0.26	0.95	**35.3**	0.50	0.42	**49.0**	-0.23	0.55	**29.6**	-0.74	0.16
VZC2ZD	**58.2**	0.55	2.73	**40.2**	0.21	2.21	**34.5**	0.34	0.84	**55.0**	0.41	1.44	**37.6**	0.42	0.49
XMD7EU	**46.9**	-0.83	1.84	**37.5**	-0.28	0.16	**33.1**	0.08	0.28	**47.2**	-0.43	0.00	**33.6**	-0.17	0.00
Z9RD3R	**58.4**	0.58	0.43	**41.3**	0.41	0.00	**33.8**	0.21	0.75	**54.2**	0.33	0.28	**35.0**	0.04	0.34

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZCPUG8	**42.8**	-1.33	0.88	**37.4**	-0.31	0.14	**25.0**	-1.44	0.13	**30.0**	-2.29	0.12	**18.5**	-2.37	3.02
ZZYXFA	**59.5**	0.71	0.18	**39.2**	0.03	0.25	**34.3**	0.30	0.69	**54.8**	0.39	0.54	**30.8**	-0.57	0.34

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	53.7	39.1	32.7	51.2	34.8
Median Abs Dev	4.9	2.4	2.5	3.8	3.2
Avg Within Lab SD	1.8	1.9	1.7	2.5	3.7
Labs Included	28	27	28	28	28
Labs Reporting	28	28	28	28	28

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**30.0**	-0.15		**10.0**	-0.91		**7.3**	-0.93	1.00	**6.0**	-0.33		**8.0**	-0.56	
3BLB4V	**28.3**	-0.42	0.72	**14.6**	-0.08	0.70	**12.9**	0.19	0.63	**5.4**	-0.46	0.52	**9.6**	-0.20	0.30
3YVGTM	**25.3**	-0.91	0.58	**10.0**	-0.91		**8.3**	-0.73	0.50	**6.0**	-0.33		**8.7**	-0.41	0.24
43AEYN	**19.0**	-1.95		**7.0**	-1.45		**7.0**	-1.00		**9.0**	0.33		**9.0**	-0.33	
4VNGB2	**36.1**	0.85		**16.1**	0.20		**14.1**	0.43		**12.1**	1.01		**12.1**	0.36	
9DV6PW	**31.3**	0.07	0.58	**11.3**	-0.66	1.13	**7.3**	-0.93	1.33	**6.0**	-0.33	0.72	**8.3**	-0.48	0.24
AV4QLN	**34.3**	0.56	0.58	**17.0**	0.36	0.98	**12.3**	0.07	1.33	**8.0**	0.11		**11.7**	0.26	0.24
EDCALB	**28.0**	-0.48		**6.0**	-1.63		**8.0**	-0.80		**16.0**	1.86		**10.0**	-0.11	
GN6AFQ	**40.3**	1.53	0.00	**30.2**	2.76X	0.00	**28.1**	3.24X	0.00	**16.4**	1.95	0.02	**16.4**	1.31	0.00
JM4JX2	**30.3**	-0.11	1.06	**11.3**	-0.68	0.34	**7.3**	-0.95	0.31	**8.8**	0.27	0.25	**11.3**	0.17	0.14
JWQEY2	**30.1**	-0.14	1.50	**16.9**	0.34	1.46	**16.3**	0.87	0.00	**3.4**	-0.90	1.08	**8.6**	-0.43	0.61
KL9ZUE	**33.5**	0.42	0.50	**21.5**	1.18	0.49	**17.0**	1.01	2.64	**15.0**	1.64	3.23	**16.8**	1.41	3.92
LME3V4	**28.5**	-0.40	1.15	**14.1**	-0.17	1.07	**11.4**	-0.12	1.71	**4.4**	-0.67	1.44	**8.3**	-0.49	0.64
MKM4G6	**28.8**	-0.35	0.69	**6.7**	-1.51	0.81	**2.8**	-1.85	0.60	**6.7**	-0.18	0.60	**4.1**	-1.42	0.66
PWB7FF	**37.0**	0.99		**21.0**	1.09		**17.0**	1.01		**11.0**	0.77		**17.0**	1.45	
Q2XFZX	**18.5**	-2.04	0.00	**10.9**	-0.74	0.00	**13.6**	0.33	0.00	**64.7**	12.49X	0.00	**7.7**	-0.62	0.00
QDCD62	**36.3**	0.88	0.83	**14.2**	-0.15	1.88	**11.9**	-0.01	0.61	**12.2**	1.03	0.25	**16.0**	1.23	
TVHKBE	**39.0**	1.32		**23.0**	1.45		**14.3**	0.48	1.00	**13.0**	1.20		**16.3**	1.30	0.47
U8C2ZF	**31.0**	0.01		**15.0**	0.00		**9.0**	-0.60		**7.0**	-0.11		**11.0**	0.11	
UX4Q7V	**34.0**	0.50		**18.0**	0.54		**12.0**	0.01		**9.0**	0.33		**12.0**	0.33	
V4AKZQ	**37.0**	1.00	0.06	**17.1**	0.37	0.73	**19.2**	1.45	0.05	**5.0**	-0.54	0.04	**12.9**	0.54	0.00
VAX68C	**25.3**	-0.91	1.16	**13.3**	-0.30	1.13	**10.0**	-0.40		**3.1**	-0.97	0.41	**5.8**	-1.06	0.47
VNVEPR	**25.1**	-0.95	0.16	**8.0**	-1.27	1.02	**4.6**	-1.49	0.20	**5.5**	-0.44	0.46	**8.2**	-0.51	0.06
VZC2ZD	**30.8**	-0.01	2.85	**16.8**	0.33	1.70	**12.9**	0.18	0.53	**6.7**	-0.18	0.41	**9.7**	-0.18	0.82
XMD7EU	**32.8**	0.31	0.00	**16.7**	0.30	0.41	**16.5**	0.92	0.40	**4.8**	-0.59	0.00	**8.0**	-0.56	
Z9RD3R	**30.0**	-0.15		**15.0**	0.00		**14.2**	0.44	1.25	**7.5**	0.00		**12.5**	0.45	

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZCPUG8	**35.6**	0.77	1.05	**18.4**	0.61	0.50	**10.4**	-0.32	0.13	**13.0**	1.20	0.12	**19.1**	1.93	0.13
ZZYXFA	**35.2**	0.70	0.88	**20.4**	0.98	0.54	**32.7**	4.17X	0.62	**9.8**	0.49	0.70	**13.5**	0.68	0.09

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	30.9	15.0	12.0	7.50	10.5
Median Abs Dev	3.3	3.4	3.3	2.25	2.2
Avg Within Lab SD	1.0	1.0	1.2	1.39	2.4
Labs Included	28	27	26	27	28
Labs Reporting	28	28	28	28	28

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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups **Data units: mg/kg**

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LME3V4	**382.0**			**684.0**			**739.0**			**189.0**			**785.0**		
V4AKZQ	**402.2**		1.00	**690.5**		1.00	**782.5**		1.00	**182.1**		1.00	**814.9**		1.00

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups **Data units: mg/kg**

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	392.1	687.2	760.8	185.6	800.0
Median Abs Dev					
Avg Within Lab SD	3.7	12.2	7.5	8.7	6.5
Labs Included	2	2	2	2	2
Labs Reporting	2	2	2	2	2

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**5.0**			**13.0**			**11.0**			**4.0**			**11.0**		
4QFVKH	**14.7**	1.16		**23.3**	1.40		**28.7**	1.38		**8.7**	1.41		**19.0**	1.00	
K9KXD8	**8.6**	0.81		**18.2**	0.19		**17.3**	0.33		**5.8**	0.10		**35.0**	1.00	

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	8.63	18.2	17.3	5.83	19.0
Median Abs Dev					
Avg Within Lab SD	0.50	0.8	1.8	1.48	1.0
Labs Included	3	3	3	3	3
Labs Reporting	3	3	3	3	3

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

	SRS2006			SRS2007			SRS2008			SRS2009			SRS2010		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**8.00**			**1.00**			**11.00**			**9.00**					

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

	SRS2006	SRS2007	SRS2008	SRS2009	SRS2010
Grand Median	8.00	1.00	11.0	9.00	
Median Abs Dev					
Avg Within Lab SD	0.00	0.00	0.0	0.00	0.00
Labs Included	1	1	1	1	0
Labs Reporting	1	1	1	1	0

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**95.5**	0.99	0.00	**94.8**	0.67	0.00	**95.0**	0.95	0.00	**94.7**	1.04	0.00
3BLB4V	**94.4**	0.28	0.13	**93.9**	0.03	0.07	**93.9**	0.14	0.04	**93.8**	0.26	0.09
4VNGB2	**96.4**	1.62	0.28	**97.7**	2.95X	0.11	**98.1**	3.08X	0.36	**98.6**	4.54X	0.32
6BH4CM	**93.4**	-0.37	0.57	**93.6**	-0.20	0.27	**93.6**	-0.07	0.63	**93.5**	0.00	0.34
7X3VPL	**94.0**	0.02		**93.9**	0.00	0.00	**93.9**	0.15	0.00	**93.7**	0.16	0.00
EDCEZJ	**90.9**	-2.07	1.98	**92.2**	-1.33	1.18	**91.7**	-1.39	1.67	**92.7**	-0.75	1.26
JM4JX2	**94.0**	-0.02	0.08	**93.6**	-0.20	0.03	**93.5**	-0.12	0.11	**93.2**	-0.28	0.04
KL9ZUE	**93.8**	-0.13	2.34	**93.3**	-0.49	1.40	**93.4**	-0.16	2.58	**92.9**	-0.51	1.40
R83AWE	**94.3**	0.20		**94.3**	0.33		**93.7**	0.00		**93.8**	0.25	
RQE2YG	**91.5**	-1.67		**92.9**	-0.75	0.09	**92.6**	-0.73	0.46	**93.4**	-0.10	0.17
UX4Q7V	**94.0**	0.03	0.28	**96.2**	1.76	0.34	**96.1**	1.67	0.25	**96.0**	2.21	2.68
V4AKZQ	**92.0**	-1.35	0.34	**93.5**	-0.30	2.73	**91.9**	-1.26	0.92	**92.0**	-1.35	0.29
XVTM9P	**94.8**	0.58		**95.6**	1.30		**95.1**	0.99		**93.1**	-0.35	
ZC9XP8	**93.8**	-0.12	0.00	**95.7**	1.39	0.00	**95.3**	1.13	0.00	**95.2**	1.50	0.00

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	94.0	93.9	93.7	93.5
Median Abs Dev	0.5	0.6	1.0	0.4
Avg Within Lab SD	0.4	0.6	0.4	0.6
Labs Included	14	13	13	13
Labs Reporting	14	14	14	14

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3BLB4V	**10,685.2**	0.58	0.13	**46.6**	0.00	0.01	**197.4**	0.03	0.24	**55.5**	-0.09	0.00
6BH4CM	**11,559.3**	1.24	0.32	**52.0**	0.16	0.20	**230.7**	0.68	0.39	**77.7**	0.17	0.01
6DZMWG	**94.9**	-7.40X	0.00	**94.6**	1.40	0.00	**94.6**	-2.01	0.00	**93.7**	0.36	0.00
9DV6PW	**9,869.0**	-0.03	0.22	**72.5**	0.75	0.66	**233.0**	0.73	3.11	**42.0**	-0.25	0.10
H3KUDP	**11,133.3**	0.92	0.10	**20.6**	-0.76	0.07	**198.0**	0.04	0.19	**55.6**	-0.09	0.01
K9KXD8	**9,717.8**	-0.15	0.25	**81.3**	1.01	0.45	**191.0**	-0.10	0.21	**75.3**	0.14	0.01
KJWKZD	**9,810.1**	-0.08	0.07	**342.5**	8.61X	1.09	**194.7**	-0.03	0.38	**1,448.2**	16.25X	2.11
KL9ZUE	**7,662.4**	-1.70	1.28	**112.8**	1.93	3.48	**226.4**	0.60	1.82	**68.7**	0.06	0.05
MKM4G6	**8,970.0**	-0.71	0.25	**92.9**	1.35	1.23	**242.0**	0.91	1.47	**49.2**	-0.17	0.02
R83AWE	**10,273.1**	0.27	3.35	**528.1**	14.00X	30.78	**631.1**	8.60X	24.57	**748.5**	8.04	3.86
RMXUBG	**9,956.0**	0.03	0.02	**41.0**	-0.16	0.38	**174.7**	-0.42	0.13	**61.3**	-0.02	0.02
RQE2YG	**11,490.7**	1.19	0.35	**25.2**	-0.62	0.08	**205.8**	0.19	0.14	**53.3**	-0.12	0.01
UX4Q7V	**8,444.0**	-1.11	0.19	**21.8**	-0.72	0.36	**109.9**	-1.70	0.40	**5,336.3**	61.87X	28.98
VAX68C	**10,833.3**	0.69	0.15	**37.4**	-0.27	0.05	**227.7**	0.63	0.19	**63.3**	0.00	0.01
WL9YXV	**9,025.7**	-0.67	0.53	**31.0**	-0.45	0.20	**162.3**	-0.67	0.43	**50.7**	-0.15	0.01
YUDNNZ	**11,130.7**	0.92	0.03	**55.0**	0.24	0.45	**143.7**	-1.04	0.09	**78.0**	0.17	0.02
ZCPUG8	**9,253.3**	-0.50	1.52	**36.3**	-0.30	0.39	**144.3**	-1.02	0.13	**88.0**	0.29	0.23

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	9,912.5	46.6	196.1	63.3
Median Abs Dev	903.8	21.4	32.7	12.7
Avg Within Lab SD	1,358.0	18.3	17.3	300.3
Labs Included	16	15	16	15
Labs Reporting	17	17	17	17

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**12,473.3**		0.28	**163.3**		0.08	**340.0**		0.37	**270.0**		
8RURFX	**12,066.7**		1.96	**381.7**		1.43	**376.7**		0.91	**267.0**		0.68
EDCEZJ	**10,232.4**		0.23	**159.7**		0.06	**376.4**		0.12	**316.4**		0.01
QDCD62	**10,933.3**		0.17	**656.7**		1.39	**696.0**		1.74	**642.3**		1.59

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	11,500.0	272.5	376.5	293.2
Median Abs Dev				
Avg Within Lab SD	347.5	75.7	26.9	48.9
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
7X3VPL	**8,171.3**		0.55				**174.0**		0.42			
C26KVA	**11,235.9**		1.87									
V4AKZQ	**10,708.3**		0.15	**1,510.0**		1.41	**451.7**		0.93	**603.3**		0.54
XVTM9P	**11,592.4**		0.44	**88.2**		0.12	**275.7**		1.40	**97.3**		1.31

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	10,972.1	799.1	275.7	350.3
Median Abs Dev				
Avg Within Lab SD	373.1	77.0	12.5	5.3
Labs Included	4	2	3	2
Labs Reporting	4	2	3	2

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6BH4CM	**6,543.3**		0.04	**101.0**		0.24	**241.7**		0.00	**78.3**	0.28
C26KVA	**12,663.8**		1.73	**294.3**		1.71	**4,763.5**		1.73		
RQE2YG	**7,153.0**		0.06	**97.3**		0.08	**407.0**		0.00	**169.2**	1.39

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	7,153.0	101.0	407.0	123.7
Median Abs Dev				
Avg Within Lab SD	1,811.3	14.9	1,542.7	4.1
Labs Included	3	3	3	2
Labs Reporting	3	3	3	2

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**4,570.0**	-0.90	0.21	**505.0**	-0.79	0.50	**2,466.7**	-1.39	0.15	**1,038.3**	-1.14	0.05
6BH4CM	**4,700.0**	-0.74	0.38	**545.0**	0.25	0.77	**2,780.3**	-0.35	0.32	**1,148.3**	0.00	0.68
9DV6PW	**5,356.0**	0.06	1.66	**523.0**	-0.32	0.85	**3,005.7**	0.40	2.11	**1,118.3**	-0.31	1.32
K9KXD8	**6,109.3**	0.97	1.08	**518.7**	-0.44	0.20	**3,161.0**	0.91	1.98	**1,286.7**	1.43	1.28
MKM4G6	**5,263.3**	-0.06	0.62	**593.7**	1.53	2.36	**2,823.3**	-0.21	0.60	**1,133.3**	-0.16	0.78
QDCD62	**5,670.0**	0.44	0.67	**566.7**	0.82	0.98	**2,763.3**	-0.41	0.09	**1,013.3**	-1.40	1.43
R83AWE	**4,120.1**	-1.44	1.71	**590.9**	1.45	0.49	**2,455.3**	-1.43	0.66	**1,261.4**	1.17	1.34
UX4Q7V	**4,745.6**	-0.68	0.23	**231.3**	-7.96X	0.35	**2,949.0**	0.21	0.20	**2,029.9**	9.14X	13.61
WL9YXV	**5,952.7**	0.78	1.44	**535.3**	0.00	0.72	**3,029.3**	0.48	0.82	**1,171.7**	0.24	0.71
YUDNNZ	**5,877.3**	0.69	0.07	**517.7**	-0.46	0.33	**3,173.0**	0.95	0.06	**1,169.0**	0.21	0.44

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	5,309.7	535.3	2,886.2	1,148.3
Median Abs Dev	588.7	17.7	133.0	30.0
Avg Within Lab SD	314.6	35.8	164.7	53.4
Labs Included	10	9	10	9
Labs Reporting	10	10	10	10

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
38LZ8V	**7,743.3**		1.22	**113.3**		1.53	**553.3**		0.40	**370.0**	
6BH4CM	**9,203.0**		1.45	**132.0**		0.88	**738.7**		1.80	**464.7**	0.01
EDCEZJ	**9,520.2**		0.43	**261.0**		0.18	**829.9**		0.17	**536.5**	0.01
UX4Q7V	**11,156.9**		0.45	**99.1**		0.92	**906.5**		0.75	**888.5**	1.73

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	9,361.6	122.7	784.3	500.6
Median Abs Dev				
Avg Within Lab SD	98.1	10.0	14.6	207.0
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**4.29**	0.07	0.47	**0.12**	0.16	0.03	**0.28**	2.58	0.32	**0.89**	1.51	0.00
6BH4CM	**4.67**	2.05	1.67	**0.10**	0.01	0.00	**0.05**	-0.12	0.00	**0.74**	0.56	0.05
7X3VPL	**4.13**	-0.80	0.14	**0.06**	-0.30	0.56	**0.02**	-0.47	0.00	**0.59**	-0.43	0.04
BD4XFG	**4.22**	-0.32	0.00	**0.08**	-0.14	0.00	**0.06**	-0.04	0.73	**0.62**	-0.25	0.00
EDCALB	**4.47**	1.01		**0.46**	2.55		**0.32**	3.03		**0.82**	1.06X	
H3KUDP	**4.11**	-0.88	0.80	**1.16**	7.47X	0.42	**0.14**	0.93	1.26	**0.67**	0.08	0.03
KL9ZUE	**4.27**	-0.07	0.35	**0.17**	0.48	1.49	**0.11**	0.57	0.63	**0.64**	-0.09	0.03
MKM4G6	**4.20**	-0.43	2.01	**0.59**	3.46	2.93	**0.14**	0.89	1.95	**0.73**	0.49	0.11
QDCD62	**4.44**	0.86	0.92	**0.09**	-0.06	1.09	**0.06**	0.00	2.18	**0.65**	-0.08	0.08
RQE2YG	**4.33**	0.25	0.13	**0.10**	-0.01	0.04	**0.05**	-0.07	0.16	**0.62**	-0.25	0.01
UX4Q7V	**4.18**	-0.52	0.11	**0.08**	-0.14	0.20	**0.05**	-0.14	0.35	**1.38**	4.71	3.73
V4AKZQ	**4.34**	0.30	0.46	**0.08**	-0.14	0.00	**0.04**	-0.19	0.73	**0.63**	-0.21	0.05
WL9YXV	**3.72**	-2.97X	1.23	**0.32**	1.58	0.76	**0.13**	0.82	1.26	**0.71**	0.32	0.16
XVTM9P	**4.60**	1.69	1.89	**0.13**	0.23	0.16	**0.07**	0.07	0.26	**0.70**	0.27	0.03
YUDNNZ	**4.24**	-0.20	0.73	**0.07**	-0.18	0.21	**0.04**	-0.19	0.73	**0.63**	-0.21	0.10

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	4.28	0.10	0.060	0.66
Median Abs Dev	0.09	0.02	0.017	0.04
Avg Within Lab SD	0.07	0.03	0.008	0.31
Labs Included	14	14	15	14
Labs Reporting	15	15	15	15

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**6.05**	1.02	0.30	**2.22**	0.64	0.02	**6.27**	0.85	0.27	**1.65**	0.06	0.27
46WTPJ	**5.17**	-0.59	0.02	**2.10**	0.04	0.06	**5.98**	-0.25	0.01	**1.68**	0.23	0.10
EDCALB	**5.26**	-0.43		**1.98**	-0.57		**5.91**	-0.53		**1.60**	-0.19	
JM4JX2	**5.65**	0.28	2.28	**2.01**	-0.42	0.35	**6.44**	1.50	1.94	**1.39**	-1.23	2.22
MKM4G6	**5.75**	0.46	1.07	**2.59**	2.58	2.61	**6.10**	0.19	1.77	**2.25**	3.07	1.16
N9TAJ2	**4.68**	-1.50	0.62	**2.05**	-0.23	0.09	**5.82**	-0.89	0.02	**1.59**	-0.24	0.18
RQE2YG	**5.95**	0.84	0.31	**2.26**	0.87	0.22	**6.31**	0.98	0.21	**1.70**	0.33	0.67
VAX68C	**5.34**	-0.28	0.31	**2.08**	-0.04	0.17	**6.00**	-0.19	0.06	**1.63**	-0.06	0.38

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	5.50	2.09	6.05	1.64
Median Abs Dev	0.29	0.10	0.18	0.05
Avg Within Lab SD	0.32	0.17	0.32	0.06
Labs Included	8	8	8	8
Labs Reporting	8	8	8	8

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**6.35**	-0.03	0.07	**2.18**	-0.02	0.11	**6.28**	-0.07	0.10	**1.78**	0.06	0.04
3BLB4V	**6.74**	1.75	0.22	**2.32**	1.13	0.20	**6.69**	1.98	0.11	**1.88**	0.86	0.05
4VNGB2	**6.83**	2.15	0.16	**2.36**	1.49	0.11	**6.73**	2.19	0.08	**1.84**	0.54	0.04
6BH4CM	**6.35**	-0.01	0.13	**2.13**	-0.39	0.08	**6.29**	0.02	0.39	**1.62**	-1.22	0.08
6DZMWG	**6.84**	2.17	0.18	**2.33**	1.26	0.22	**6.76**	2.32	0.26	**1.78**	0.03	0.08
7X3VPL	**6.26**	-0.40	0.11	**2.16**	-0.20	0.30	**6.22**	-0.33	0.10	**1.69**	-0.68	0.12
8RURFX	**6.16**	-0.84	0.21	**2.13**	-0.44	0.30	**5.99**	-1.48	0.34	**1.67**	-0.82	0.05
9DV6PW	**6.31**	-0.19	0.13	**2.20**	0.13	1.44	**6.21**	-0.40	0.15	**1.70**	-0.60	0.34
BD4XFG	**6.36**	0.04	0.32	**2.16**	-0.14	0.42	**6.30**	0.07	0.35	**1.78**	0.08	0.10
BHZM2U	**6.35**	0.01	0.11	**2.12**	-0.53	0.08	**6.28**	-0.07	0.13	**1.80**	0.24	0.05
BNN87V	**6.69**	1.52	0.15	**2.30**	0.97	0.15	**6.55**	1.31	0.97	**1.84**	0.55	0.14
C26KVA	**6.05**	-1.35	5.51	**1.95**	-1.87	5.02	**6.01**	-1.38	5.29	**3.12**	10.99X	9.53
DU6KV9	**6.34**	-0.05	0.38	**2.35**	1.39	0.72	**6.30**	0.05	0.84	**1.82**	0.38	0.07
EDCALB	**6.61**	1.14	0.92	**2.26**	0.68	0.17	**6.48**	0.93	1.07	**1.77**	0.00	0.02
EDCEZJ	**6.51**	0.73	0.17	**2.25**	0.57	0.09	**6.50**	1.05	0.12	**1.82**	0.42	0.02
EUL3DK	**6.14**	-0.93	0.04	**2.10**	-0.64	0.08	**6.08**	-1.04	0.00	**1.64**	-1.09	0.03
H3KUDP	**6.22**	-0.58	0.18	**2.12**	-0.53	0.17	**6.25**	-0.18	0.13	**1.76**	-0.08	0.02
KJWKZD	**6.14**	-0.95	0.89	**2.25**	0.53	0.13	**6.23**	-0.29	0.14	**1.82**	0.39	0.08
KL9ZUE	**6.34**	-0.06	0.12	**2.16**	-0.17	0.06	**6.25**	-0.20	0.38	**1.68**	-0.77	0.01
L3T7JJ	**6.26**	-0.41	0.13	**2.15**	-0.28	0.22	**6.18**	-0.53	0.18	**1.74**	-0.30	0.02
MRLNKL	**6.37**	0.08	0.26	**2.18**	0.02	0.30	**6.29**	-0.02	0.27	**1.73**	-0.35	0.00
QDCD62	**6.65**	1.32	0.40	**2.05**	-1.07	0.50	**6.54**	1.24	0.45	**1.64**	-1.09	0.18
R83AWE	**6.32**	-0.14	0.12	**2.15**	-0.28	0.10	**6.20**	-0.45	0.22	**1.72**	-0.40	0.05
RJWQJU	**6.36**	0.05	0.18	**2.13**	-0.44	0.21	**6.27**	-0.10	0.40	**1.65**	-0.98	0.04
RMXUBG	**6.40**	0.22	0.19	**2.32**	1.15	0.14	**6.32**	0.13	0.19	**1.85**	0.62	0.06
RQE2YG	**6.82**	2.08	0.23	**2.29**	0.92	0.17	**6.63**	1.68	0.28	**1.84**	0.53	0.26

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
UX4Q7V	**6.40**	0.21	0.06	**2.28**	0.80	0.13	**6.34**	0.23	0.16	**2.15**	3.10	5.71
V4AKZQ	**6.60**	1.10	0.17	**2.01**	-1.38	1.93	**6.37**	0.41	0.21	**1.67**	-0.84	0.09
VF6TKE	**6.36**	0.04	0.33	**2.39**	1.69	0.36	**6.35**	0.28	0.49	**2.09**	2.55	0.05
WL9YXV	**6.30**	-0.22	0.30	**2.11**	-0.58	0.66	**6.28**	-0.03	0.64	**1.72**	-0.43	0.16
X4L2AA	**6.24**	-0.48	0.56	**2.12**	-0.48	0.38	**6.15**	-0.72	0.96	**1.65**	-1.05	0.23
XVTM9P	**6.65**	1.34	0.09	**2.22**	0.35	0.14	**6.58**	1.46	0.23	**1.78**	0.08	0.05
YUDNNZ	**6.33**	-0.11	0.61	**2.23**	0.41	0.14	**6.31**	0.12	0.13	**1.86**	0.73	0.10
ZCPUG8	**6.30**	-0.25	0.37	**2.18**	0.02	0.79	**6.26**	-0.17	0.40	**1.73**	-0.38	0.23

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	6.35	2.18	6.29	1.77
Median Abs Dev	0.09	0.06	0.07	0.07
Avg Within Lab SD	0.14	0.07	0.12	0.30
Labs Included	34	34	34	33
Labs Reporting	34	34	34	34

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6DZMWG	**1.33**		0.00	**0.12**		1.00	**0.34**		1.00	**0.17**	1.22
EDCALB	**0.92**		1.41	**0.17**		1.00	**0.42**		1.00	**0.25**	0.71

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	1.13	0.15	0.38	0.21
Median Abs Dev				
Avg Within Lab SD	0.04	0.01	0.01	0.01
Labs Included	2	2	2	2
Labs Reporting	2	2	2	2

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**0.81**	2.07	0.03	**0.18**	1.60	0.41	**0.56**	1.64	0.20	**0.23**	1.17	0.43
38LZ8V	**0.66**	-0.05	0.02	**0.14**	-0.37	0.08	**0.45**	-0.58	0.12	**0.20**	-0.70	0.11
3BLB4V	**0.78**	1.58	0.01	**0.17**	1.03	0.91	**0.56**	1.48	0.18	**0.24**	1.36	0.95
46WTPJ	**0.72**	0.76	0.19	**0.16**	0.61	1.41	**0.51**	0.54	0.94	**0.21**	0.00	1.06
4VNGB2	**0.65**	-0.26	0.07	**0.14**	-0.87	1.47	**0.46**	-0.40	0.24	**0.19**	-0.77	0.27
6BH4CM	**0.65**	-0.25	0.00	**0.14**	-0.57	1.41	**0.48**	0.00	0.27	**0.20**	-0.33	0.61
6DZMWG	**0.62**	-0.68	0.06	**0.14**	-0.34	0.37	**0.47**	-0.35	0.74	**0.20**	-0.28	0.43
6MDEPZ	**0.83**	2.34	0.11	**0.15**	0.12	0.08	**0.60**	2.36	0.03	**0.22**	0.68	0.16
7X3VPL	**0.73**	0.86	0.17	**0.16**	0.61	0.00	**0.53**	0.88	0.27	**0.22**	0.67	0.61
8RURFX	**0.64**	-0.45	0.24	**0.14**	-0.67	1.57	**0.45**	-0.62	1.02	**0.20**	-0.52	1.20
9DV6PW	**0.63**	-0.53	0.40	**0.13**	-1.36	0.81	**0.44**	-0.81	0.27	**0.18**	-1.34	1.23
BD4XFG	**0.67**	0.01	0.23	**0.15**	0.00	0.57	**0.50**	0.35	0.44	**0.21**	0.15	1.20
BHZM2U	**0.61**	-0.77	0.06	**0.15**	0.22	0.81	**0.49**	0.07	0.27	**0.21**	0.17	0.61
BNN87V	**0.75**	1.20	0.28	**2.48**	138.09X	569.54	**0.48**	-0.01	0.21	**0.21**	-0.13	0.96
C26KVA	**0.68**	0.25	0.46	**0.16**	0.47	1.10	**0.49**	0.05	1.19	**0.22**	0.35	1.75
DU6KV9	**0.68**	0.11	0.06	**0.15**	0.14	0.01	**0.49**	0.06	0.02	**0.21**	-0.09	0.03
EUL3DK	**0.56**	-1.54	0.11	**0.12**	-1.95	0.81	**0.41**	-1.55	0.27	**0.18**	-1.34	0.61
H3KUDP	**0.69**	0.28	0.13	**0.16**	0.41	0.81	**0.52**	0.68	0.72	**0.21**	0.17	0.61
JM4JX2	**0.65**	-0.29	1.22	**0.14**	-0.37	2.94	**0.55**	1.42	2.36	**0.22**	0.50	3.18
K9KXD8	**0.67**	-0.01	0.13	**0.15**	-0.16	0.34	**0.48**	-0.07	0.53	**0.21**	-0.01	0.49
KJWKZD	**0.64**	-0.38	0.10	**0.16**	0.41	0.29	**0.49**	0.09	0.16	**0.22**	0.55	0.18
KL9ZUE	**0.62**	-0.74	0.23	**0.13**	-0.95	0.76	**0.39**	-1.95	3.94	**0.19**	-0.93	0.25
L3T7JJ	**0.66**	-0.16	0.06	**0.15**	-0.24	0.22	**0.48**	-0.11	0.16	**0.21**	-0.23	0.12
MKM4G6	**0.61**	-0.84	0.17	**0.13**	-1.24	0.35	**0.45**	-0.66	1.04	**0.19**	-0.87	0.22
N9TAJ2	**1.46**	11.39X	0.00	**0.31**	9.68X	0.81	**1.00**	10.54X	0.27	**0.44**	11.36X	1.62
R39FU7	**0.48**	-2.73X	0.36	**0.18**	1.62	1.83	**0.61**	2.51	1.94	**0.26**	2.61	2.03

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
R83AWE	**0.65**	-0.27	5.96	**0.29**	8.03X	16.00	**1.23**	15.05X	32.21	**0.52**	15.39X	67.61
RJWQJU	**0.68**	0.12	0.15	**0.15**	0.16	0.85	**0.48**	-0.01	0.87	**0.22**	0.26	0.86
RMXUBG	**0.59**	-1.06	0.06	**0.14**	-0.57	0.00	**0.44**	-0.88	0.00	**0.20**	-0.50	0.00
RQE2YG	**0.75**	1.15	0.05	**0.16**	0.80	0.19	**0.55**	1.27	0.35	**0.24**	1.42	0.09
UX4Q7V	**0.73**	0.87	0.19	**0.14**	-0.37	0.34	**0.48**	0.03	0.69	**0.29**	4.22X	9.03
V4AKZQ	**0.66**	-0.05	0.06	**0.15**	0.02	0.00	**0.48**	-0.07	0.00	**0.21**	0.00	0.00
VAX68C	**0.62**	-0.63	0.17	**0.13**	-1.36	0.81	**0.43**	-1.08	0.47	**0.19**	-1.00	0.00
VF6TKE	**0.65**	-0.20	0.17	**0.15**	-0.18	0.81	**0.48**	0.00	1.18	**0.21**	0.17	1.23
WL9YXV	**0.68**	0.22	0.07	**0.15**	0.08	1.95	**0.50**	0.29	0.91	**0.22**	0.65	1.05
X4L2AA	**0.69**	0.32	0.05	**0.13**	-0.93	0.75	**0.43**	-1.02	1.05	**0.19**	-1.24	1.65
XVTM9P	**0.72**	0.78	0.04	**0.15**	0.20	0.62	**0.50**	0.32	0.10	**0.22**	0.37	0.38
YUDNNZ	**0.74**	1.11	0.02	**0.16**	0.81	0.72	**0.52**	0.68	0.25	**0.22**	0.43	0.64
ZC9XP8	**0.83**	2.29	0.28	**0.20**	2.98	1.41	**0.65**	3.38X	1.62	**0.26**	2.67	1.62
ZCPUG8	**0.68**	0.14	0.06	**0.15**	-0.18	0.81	**0.48**	-0.07	0.81	**0.20**	-0.33	0.61

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.67	0.15	0.48	0.21
Median Abs Dev	0.03	0.01	0.03	0.01
Avg Within Lab SD	0.09	0.01	0.02	0.01
Labs Included	38	37	37	37
Labs Reporting	40	40	40	40

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**7.31**	0.22	0.04	**1.37**	0.45	0.19	**1.70**	0.16	0.14	**1.65**	-0.14	0.17
38LZ8V	**7.26**	0.16	0.17	**1.35**	0.32	0.05	**1.66**	-0.11	0.05	**1.61**	-0.38	0.24
3BLB4V	**7.89**	0.88	0.78	**1.48**	1.14	0.46	**1.86**	1.11	0.01	**1.81**	0.76	1.23
46WTPJ	**6.12**	-1.16	0.50	**1.04**	-1.70	0.73	**1.29**	-2.33	0.05	**1.27**	-2.41	0.22
4VNGB2	**7.38**	0.29	0.18	**1.23**	-0.49	1.85	**1.68**	0.01	0.07	**1.63**	-0.27	0.43
6BH4CM	**6.12**	-1.16	0.06	**1.25**	-0.34	0.19	**1.56**	-0.71	0.05	**1.56**	-0.67	0.08
6DZMWG	**6.49**	-0.73	0.27	**1.22**	-0.52	0.44	**1.59**	-0.49	0.44	**1.57**	-0.61	0.31
6MDEPZ	**8.28**	1.34	0.37	**1.41**	0.71	0.08	**1.83**	0.95	0.07	**1.86**	1.08	0.32
7X3VPL	**7.16**	0.04	0.34	**1.34**	0.25	0.50	**1.71**	0.18	0.22	**1.68**	0.02	0.29
8RURFX	**6.44**	-0.79	0.21	**1.16**	-0.90	1.56	**1.49**	-1.14	0.46	**1.48**	-1.17	1.08
9DV6PW	**6.30**	-0.95	2.33	**1.20**	-0.67	0.00	**1.50**	-1.05		**1.47**	-1.24	0.85
BD4XFG	**6.17**	-1.09	0.46	**1.29**	-0.10	1.44	**1.67**	-0.03	0.82	**1.70**	0.12	0.37
BHZM2U	**7.78**	0.75	0.10	**1.36**	0.38	0.68	**1.71**	0.22	0.11	**1.72**	0.24	0.22
BNN87V	**7.66**	0.62	0.76	**1.51**	1.36	0.76	**1.70**	0.15	0.10	**1.67**	-0.02	1.01
C26KVA	**7.60**	0.55	0.52	**1.32**	0.13	0.75	**1.68**	0.03	0.44	**1.74**	0.38	0.53
DU6KV9	**6.14**	-1.13	0.04	**1.30**	0.01	0.02	**1.65**	-0.14	0.01	**1.68**	0.02	0.01
EUL3DK	**5.53**	-1.83	2.21	**1.06**	-1.57	0.29	**1.35**	-1.97	0.05	**1.40**	-1.65	0.08
H3KUDP	**7.20**	0.09	0.17	**1.40**	0.66	0.29	**1.73**	0.32	0.19	**1.71**	0.22	0.22
JM4JX2	**5.57**	-1.79	4.07	**1.18**	-0.80	2.19	**1.87**	1.18	4.51	**1.59**	-0.51	3.45
K9KXD8	**6.57**	-0.63	0.26	**1.20**	-0.65	0.08	**1.54**	-0.79	0.25	**1.49**	-1.12	0.53
KJWKZD	**8.06**	1.08	0.55	**1.53**	1.50	0.72	**1.90**	1.33	0.41	**1.90**	1.29	1.31
KL9ZUE	**6.72**	-0.47	0.84	**1.27**	-0.22	0.38	**1.45**	-1.38	2.76	**1.62**	-0.35	0.87
L3T7JJ	**7.21**	0.10	0.38	**1.29**	-0.08	0.38	**1.67**	-0.01	0.14	**1.68**	0.00	0.22
MKM4G6	**6.55**	-0.66	1.28	**1.22**	-0.56	0.55	**1.59**	-0.51	0.74	**1.55**	-0.76	0.22
N9TAJ2	**8.30**	1.36	0.26	**1.54**	1.58	0.94	**1.92**	1.48	0.11	**1.98**	1.76	0.37
R39FU7	**3.95**	-3.65X	1.15	**1.47**	1.08	2.29	**1.87**	1.18	2.10	**1.86**	1.05	2.64

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
R83AWE	**8.68**	1.79	1.28	**1.57**	1.76	2.07	**1.98**	1.84	0.55	**2.02**	2.05	1.99
RJWQJU	**7.01**	-0.13	0.96	**1.14**	-1.09	1.38	**1.62**	-0.34	0.86	**1.70**	0.12	1.25
RMXUBG	**6.93**	-0.22	0.44	**1.30**	-0.01	0.00	**1.67**	-0.05	0.55	**1.67**	-0.06	0.85
RQE2YG	**7.55**	0.49	0.17	**1.39**	0.57	0.20	**1.79**	0.70	0.14	**1.81**	0.76	0.04
UX4Q7V	**6.84**	-0.32	0.35	**1.28**	-0.13	0.66	**1.61**	-0.42	0.24	**4.04**	13.89X	46.37
V4AKZQ	**7.12**	0.00	0.12	**1.33**	0.16	0.29	**1.70**	0.12	0.14	**1.70**	0.12	0.37
VAX68C	**6.83**	-0.33	0.59	**1.30**	-0.01	0.00	**1.60**	-0.45	0.00	**1.67**	-0.06	0.85
VF6TKE	**6.92**	-0.23	0.67	**1.27**	-0.21	0.38	**1.61**	-0.39	0.41	**1.57**	-0.61	0.66
WL9YXV	**7.19**	0.07	0.37	**1.31**	0.07	2.19	**1.74**	0.40	0.64	**1.78**	0.61	0.92
X4L2AA	**8.09**	1.11	0.14	**1.55**	1.59	1.42	**1.70**	0.17	0.75	**1.73**	0.29	1.31
XVTM9P	**7.19**	0.07	0.19	**1.27**	-0.19	0.72	**1.69**	0.07	0.07	**1.75**	0.42	0.33
YUDNNZ	**6.98**	-0.17	0.37	**1.27**	-0.23	0.72	**1.61**	-0.39	0.09	**1.53**	-0.88	0.69
ZC9XP8	**8.27**	1.32	1.45	**1.63**	2.17	1.10	**2.06**	2.30	1.15	**1.93**	1.51	0.85
ZCPUG8	**6.97**	-0.17	0.78	**1.39**	0.58	1.00	**1.63**	-0.27	0.66	**1.58**	-0.59	0.47

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	7.12	1.30	1.68	1.68
Median Abs Dev	0.54	0.08	0.07	0.10
Avg Within Lab SD	0.26	0.05	0.11	0.07
Labs Included	39	40	40	39
Labs Reporting	40	40	40	40

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**2.69**	0.48	0.33	**2.59**	0.28	0.29	**1.02**	-0.15	0.52	**0.48**	-0.10	0.05
38LZ8V	**2.69**	0.49	0.01	**2.57**	0.21	0.27	**0.99**	-0.40	0.12	**0.47**	-0.20	0.02
3BLB4V	**2.96**	1.47	0.37	**2.96**	1.65	0.69	**1.20**	1.57	0.34	**0.54**	0.64	0.21
46WTPJ	**2.45**	-0.38	0.32	**2.56**	0.16	0.20	**1.01**	-0.20	0.09	**0.45**	-0.44	0.01
4VNGB2	**2.43**	-0.48	0.35	**2.22**	-1.07	2.13	**1.00**	-0.31	0.17	**0.46**	-0.25	0.08
6BH4CM	**2.50**	-0.22	0.19	**2.47**	-0.16	0.19	**1.09**	0.58	0.13	**0.57**	0.89	0.13
6DZMWG	**2.32**	-0.88	0.38	**2.33**	-0.69	0.62	**0.95**	-0.79	0.93	**0.42**	-0.74	0.46
6MDEPZ	**2.90**	1.25	0.57	**2.99**	1.77	0.08	**1.24**	1.97	0.19	**0.60**	1.28	0.02
7X3VPL	**2.41**	-0.54	0.50	**2.34**	-0.65	0.31	**0.94**	-0.93	0.13	**0.45**	-0.46	0.05
8RURFX	**2.36**	-0.74	0.29	**2.22**	-1.08	1.22	**0.90**	-1.29	0.57	**0.46**	-0.36	0.17
9DV6PW	**2.33**	-0.82	1.45	**2.27**	-0.91	0.55	**0.93**	-1.02	0.13	**0.46**	-0.27	0.27
BD4XFG	**2.63**	0.27	1.32	**2.51**	0.00	1.77	**1.06**	0.26	1.60	**0.47**	-0.19	0.09
BHZM2U	**2.43**	-0.45	0.15	**2.38**	-0.51	0.20	**1.00**	-0.35	0.27	**0.50**	0.11	0.05
BNN87V	**2.94**	1.38	0.97	**2.84**	1.20	0.69	**1.05**	0.20	0.18	**0.50**	0.14	0.13
C26KVA	**2.60**	0.14	0.29	**2.64**	0.46	0.65	**1.04**	0.04	0.81	**0.51**	0.28	0.29
DU6KV9	**2.93**	1.35	0.13	**2.67**	0.59	0.11	**1.04**	0.10	0.17	**0.44**	-0.57	0.05
EUL3DK	**2.07**	-1.77	0.38	**2.05**	-1.70	0.15	**0.82**	-2.08	0.13	**0.40**	-1.02	0.05
H3KUDP	**2.65**	0.34	0.26	**2.66**	0.54	0.44	**1.10**	0.68	0.13	**0.51**	0.25	0.09
JM4JX2	**2.25**	-1.13	2.45	**2.07**	-1.65	2.37	**1.08**	0.49	2.65	**0.45**	-0.42	0.44
K9KXD8	**2.36**	-0.70	0.39	**2.40**	-0.44	0.50	**0.96**	-0.72	0.29	**0.45**	-0.43	0.08
KJWKZD	**3.53**	3.54X	1.22	**3.42**	3.35X	0.22	**1.42**	3.73X	0.76	**0.72**	2.62	0.20
KL9ZUE	**2.53**	-0.12	1.65	**2.40**	-0.43	1.65	**1.09**	0.59	2.22	**0.53**	0.51	0.24
MKM4G6	**2.33**	-0.83	0.58	**2.28**	-0.88	0.24	**1.00**	-0.32	1.05	**0.49**	-0.01	0.05
N9TAJ2	**2.57**	0.03	0.19	**2.52**	0.04	0.20	**1.02**	-0.12	0.23	**0.46**	-0.34	0.05
R39FU7	**1.66**	-3.25X	1.67	**2.76**	0.91	1.18	**1.10**	0.65	2.99	**0.53**	0.52	0.43
R83AWE	**3.27**	2.58	1.67	**3.07**	2.07	1.77	**1.24**	1.95	1.30	**0.57**	0.95	0.17

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RJWQJU	**2.61**	0.17	1.10	**2.51**	-0.01	0.57	**1.00**	-0.34	0.69	**0.47**	-0.17	0.15
RMXUBG	**2.50**	-0.21		**2.50**	-0.05		**1.06**	0.29	0.13	**0.51**	0.29	0.05
RQE2YG	**2.79**	0.85	0.17	**2.77**	0.94	0.19	**1.11**	0.78	0.25	**0.54**	0.54	0.01
UX4Q7V	**2.79**	0.85	2.35	**2.49**	-0.07	0.35	**1.04**	0.03	0.67	**1.08**	6.66	6.05
V4AKZQ	**2.59**	0.10	0.38	**2.61**	0.37	0.06	**1.05**	0.20	0.13	**0.50**	0.18	0.05
VAX68C	**2.40**	-0.57	2.18	**2.30**	-0.79	0.96	**0.91**	-1.18	0.69	**0.44**	-0.53	0.00
VF6TKE	**2.52**	-0.13	1.54	**2.44**	-0.28	0.39	**1.01**	-0.25	0.35	**0.48**	-0.12	0.18
WL9YXV	**2.70**	0.51	0.91	**2.57**	0.21	2.49	**1.11**	0.77	1.39	**0.55**	0.71	0.27
X4L2AA	**3.55**	3.59X	1.56	**3.55**	3.85X	1.64	**1.29**	2.48	1.67	**0.66**	1.89	0.33
XVTM9P	**2.78**	0.79	0.32	**2.70**	0.69	0.97	**1.03**	-0.03	0.06	**0.49**	0.01	0.11
YUDNNZ	**2.53**	-0.10	0.45	**2.47**	-0.16	0.19	**0.99**	-0.44	0.13	**0.48**	-0.11	0.09
ZC9XP8	**2.87**	1.12	0.93	**2.73**	0.81	1.02	**1.13**	0.97	1.33	**0.52**	0.40	0.35
ZCPUG8	**2.55**	-0.03	0.70	**2.65**	0.51	1.10	**1.02**	-0.12	1.00	**0.49**	-0.01X	0.10

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	2.56	2.51	1.03	0.49
Median Abs Dev	0.14	0.15	0.05	0.04
Avg Within Lab SD	0.08	0.10	0.04	0.11
Labs Included	36	37	38	38
Labs Reporting	39	39	39	39

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**0.63**	-0.03	0.14	**0.62**	0.39	0.39	**0.44**	0.03	0.12	**0.26**	-0.07	0.30
38LZ8V	**0.66**	0.35	0.18	**0.60**	0.06	0.30	**0.44**	0.00	0.15	**0.27**	0.11	0.19
3BLB4V	**0.70**	1.00	0.02	**0.68**	1.31	0.48	**0.50**	1.20	0.18	**0.30**	1.02	1.24
46WTPJ	**0.60**	-0.57	0.44	**0.56**	-0.51	0.19	**0.42**	-0.37	0.05	**0.25**	-0.31	0.16
4VNGB2	**0.70**	0.97	0.59	**0.61**	0.21	3.43	**0.43**	-0.19	0.25	**0.26**	-0.14	0.49
6BH4CM	**0.63**	-0.13	0.22	**0.59**	-0.03	0.19	**0.46**	0.52	0.24	**0.30**	0.90	0.54
6DZMWG	**0.59**	-0.69	0.33	**0.56**	-0.49	0.58	**0.41**	-0.55	0.53	**0.25**	-0.38	1.09
6MDEPZ	**0.74**	1.52	0.02	**0.70**	1.75	0.05	**0.53**	1.85	0.14	**0.33**	1.88	0.14
7X3VPL	**0.57**	-0.92	0.44	**0.54**	-0.93	0.19	**0.40**	-0.75	0.00	**0.25**	-0.52	0.54
8RURFX	**0.60**	-0.59	0.09	**0.54**	-0.95	1.08	**0.40**	-0.71	0.66	**0.25**	-0.47	1.29
9DV6PW	**0.54**	-1.37	2.09	**0.49**	-1.73	1.66	**0.38**	-1.21	0.24	**0.23**	-0.99	0.93
BD4XFG	**0.64**	0.11	2.19	**0.63**	0.55	0.57	**0.46**	0.39	1.30	**0.30**	0.89	0.75
BHZM2U	**0.62**	-0.18	0.22	**0.59**	-0.13	0.70	**0.45**	0.32	0.24	**0.28**	0.52	0.54
BNN87V	**0.73**	1.36	0.57	**0.63**	0.55	0.29	**0.44**	0.00	0.04	**0.27**	0.12	0.70
C26KVA	**0.65**	0.21	0.82	**0.64**	0.66	0.89	**0.46**	0.55	0.93	**0.30**	1.08	1.36
DU6KV9	**0.64**	0.03	0.04	**0.60**	0.00	0.17	**0.44**	0.12	0.05	**0.26**	-0.14	0.93
EUL3DK	**0.51**	-1.81	0.22	**0.49**	-1.68	0.34	**0.36**	-1.61	0.24	**0.22**	-1.28	0.00
H3KUDP	**0.65**	0.22	0.66	**0.65**	0.88	0.67	**0.50**	1.19	0.47	**0.29**	0.71	0.93
JM4JX2	**0.54**	-1.37	3.32	**0.56**	-0.61	1.91	**0.39**	-0.88	2.05	**0.22**	-1.18	2.35
K9KXD8	**0.55**	-1.23	1.81	**0.52**	-1.16	0.44	**0.38**	-1.16	0.68	**0.24**	-0.69	0.91
KJWKZD	**0.74**	1.61	0.27	**0.70**	1.64	0.25	**0.52**	1.59	0.33	**0.33**	1.75	0.76
KL9ZUE	**0.65**	0.16	1.19	**0.58**	-0.20	1.48	**0.38**	-1.06	4.10	**0.26**	-0.20	0.64
MKM4G6	**0.59**	-0.62	0.44	**0.56**	-0.56	0.58	**0.42**	-0.35	1.22	**0.27**	0.05	0.54
N9TAJ2	**0.58**	-0.82	0.00	**0.55**	-0.67	0.19	**0.40**	-0.75	0.00	**0.25**	-0.52	0.54
R39FU7	**0.39**	-3.71X	1.80	**0.64**	0.75	1.76	**0.48**	0.93	2.34	**0.30**	0.99	2.47
R83AWE	**0.78**	2.19	1.29	**0.72**	2.03	1.37	**0.55**	2.25	0.44	**0.35**	2.45	1.73

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RJWQJU	**0.64**	0.10	0.88	**0.60**	0.01	0.93	**0.44**	0.02	0.87	**0.27**	0.17	1.31
RMXUBG	**0.63**	-0.03	0.22	**0.59**	-0.03	0.39	**0.45**	0.19	0.62	**0.30**	0.90	0.54
RQE2YG	**0.67**	0.45	0.11	**0.63**	0.60	0.19	**0.47**	0.66	0.13	**0.29**	0.76	0.03
UX4Q7V	**0.68**	0.71	1.65	**0.59**	-0.11	0.36	**0.44**	0.02	0.32	**0.50**	6.57X	16.19
V4AKZQ	**0.64**	0.07	0.00	**0.62**	0.45	0.19	**0.47**	0.72	0.24	**0.29**	0.71	0.00
VAX68C	**0.59**	-0.72	1.22	**0.56**	-0.61	0.51	**0.40**	-0.68	0.62	**0.25**	-0.43	0.93
VF6TKE	**0.61**	-0.43	0.79	**0.57**	-0.40	0.58	**0.43**	-0.21	0.24	**0.26**	-0.05	0.54
WL9YXV	**0.66**	0.34	0.65	**0.62**	0.42	2.20	**0.48**	0.81	0.92	**0.30**	1.04	1.45
X4L2AA	**0.67**	0.52	1.45	**0.61**	0.26	0.61	**0.43**	-0.25	1.03	**0.26**	-0.23	1.41
XVTM9P	**0.61**	-0.43	0.11	**0.56**	-0.53	0.13	**0.41**	-0.60	0.03	**0.25**	-0.40	0.25
YUDNNZ	**0.63**	-0.13	0.17	**0.58**	-0.27	0.32	**0.43**	-0.16	0.13	**0.26**	-0.20	0.83
ZC9XP8	**0.73**	1.45	0.58	**0.71**	1.78	0.85	**0.51**	1.45	1.41	**0.31**	1.28	0.93
ZCPUG8	**0.62**	-0.23	0.38	**0.62**	0.40	0.89	**0.44**	-0.01	0.85	**0.26**	-0.14	0.93

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.64	0.60	0.44	0.27
Median Abs Dev	0.04	0.03	0.03	0.02
Avg Within Lab SD	0.03	0.03	0.02	0.01
Labs Included	38	39	39	38
Labs Reporting	39	39	39	39

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
38LZ8V	**1.21**	0.01	0.18	**0.12**	-0.27	0.04	**0.33**	-0.36	0.03	**0.14**	-0.54	0.00
3BLB4V	**1.40**	1.14	0.40	**0.16**	1.61	0.51	**0.40**	1.27	0.28	**0.16**	1.02	0.47
46WTPJ	**1.22**	0.05	0.85	**0.17**	1.84	0.29	**0.35**	0.28	0.83	**0.15**	0.29	0.56
4VNGB2	**1.30**	0.56	0.29	**0.15**	0.95	1.18	**0.34**	0.03	0.24	**0.15**	0.17	0.26
6BH4CM	**1.23**	0.15	0.25	**0.13**	-0.16	0.42	**0.34**	0.06	0.30	**0.15**	0.08	0.51
6DZMWG	**1.16**	-0.29	0.17	**0.13**	-0.20	0.07	**0.34**	-0.04	0.64	**0.15**	0.00	0.22
6MDEPZ	**0.97**	-1.46	0.29	**0.15**	1.02	0.00	**0.31**	-0.62	0.05	**0.14**	-0.17	0.05
7X3VPL	**1.28**	0.46	0.77	**0.16**	1.24	0.42	**0.37**	0.69	0.00	**0.15**	0.46	0.51
8RURFX	**1.14**	-0.41	0.06	**0.13**	-0.11	1.47	**0.31**	-0.61	0.34	**0.14**	-0.27	0.60
9DV6PW	**1.15**	-0.37	2.03	**0.10**	-1.29	0.47	**0.31**	-0.80	0.30	**0.12**	-1.27	0.51
BD4XFG	**1.21**	-0.01	1.87	**0.13**	0.04	0.65	**0.36**	0.44	1.24	**0.15**	0.44	0.71
BHZM2U	**1.02**	-1.16	0.25	**0.16**	1.56	0.42	**0.35**	0.14	0.30	**0.15**	0.46	0.51
BNN87V	**1.32**	0.70	0.70	**0.13**	0.01	0.28	**0.34**	-0.12	0.11	**0.14**	-0.15	0.73
C26KVA	**1.16**	-0.30	1.29	**0.12**	-0.70	0.67	**0.29**	-1.08	1.03	**0.13**	-0.69	0.88
DU6KV9	**1.23**	0.13	0.02	**0.13**	0.15	0.03	**0.35**	0.11	0.26	**0.14**	-0.19	0.18
EUL3DK	**0.94**	-1.60	0.13	**0.11**	-0.95	0.00	**0.27**	-1.73	0.30	**0.12**	-1.65	0.51
H3KUDP	**1.28**	0.43	0.38	**0.14**	0.46	0.00	**0.37**	0.76	0.60	**0.15**	0.46	0.51
JM4JX2	**0.87**	-2.04	0.66	**0.11**	-1.10	1.83	**0.44**	2.24	2.87	**0.18**	2.00	2.66
K9KXD8	**1.12**	-0.55	0.46	**0.13**	0.07	0.48	**0.30**	-0.86	0.46	**0.14**	-0.52	0.63
KJWKZD	**1.15**	-0.33	0.26	**0.13**	0.15	0.04	**0.34**	0.02	0.03	**0.15**	0.21	0.00
KL9ZUE	**1.10**	-0.65	0.93	**0.12**	-0.62	0.11	**0.27**	-1.69	2.98	**0.13**	-0.75	0.38
MKM4G6	**1.11**	-0.57	2.11	**0.12**	-0.48	0.00	**0.33**	-0.25	0.52	**0.14**	-0.31	0.89
N9TAJ2	**1.27**	0.39	0.13	**0.13**	0.15	0.42	**0.34**	-0.02	0.00	**0.15**	0.08	0.51
R39FU7	**0.78**	-2.57	1.54	**0.14**	0.55	1.24	**0.40**	1.31	2.46	**0.17**	1.36	1.93
R83AWE	**1.51**	1.82	2.53	**0.12**	-0.26	4.82	**0.40**	1.49	2.18	**0.23**	4.79X	4.46
RJWQJU	**1.26**	0.29	1.69	**0.13**	-0.10	0.35	**0.35**	0.14	0.86	**0.15**	0.28	0.65

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RMXUBG	**1.09**	-0.69	0.25	**0.12**	-0.48	0.00	**0.32**	-0.41	0.30	**0.14**	-0.31	0.00
RQE2YG	**1.41**	1.20	0.15	**0.14**	0.61	0.04	**0.40**	1.35	0.19	**0.17**	1.37	0.01
UX4Q7V	**1.27**	0.38	0.07	**0.16**	1.57	0.22	**0.35**	0.11	0.56	**0.17**	1.23	4.21
V4AKZQ	**1.12**	-0.55	0.25	**0.13**	-0.01	0.00	**0.32**	-0.48	0.00	**0.14**	-0.31	0.00
VAX68C	**1.13**	-0.45	1.27	**0.11**	-0.95	0.73	**0.30**	-0.95	1.38	**0.13**	-0.88	0.89
VF6TKE	**1.32**	0.68	1.22	**0.13**	-0.01	0.00	**0.35**	0.22	0.00	**0.15**	0.08	0.51
WL9YXV	**1.23**	0.13	0.88	**0.15**	1.02	1.07	**0.36**	0.39	0.61	**0.16**	0.61	0.47
X4L2AA	**1.06**	-0.90	1.53	**0.11**	-0.88	0.90	**0.30**	-1.02	0.96	**0.11**	-2.13	0.40
XVTM9P	**1.20**	-0.05	0.15	**0.12**	-0.58	0.20	**0.33**	-0.36	0.10	**0.14**	-0.40	0.14
YUDNNZ	**1.23**	0.11	0.46	**0.14**	0.68	0.28	**0.33**	-0.23	0.32	**0.14**	-0.54	0.23
ZC9XP8	**1.51**	1.84	1.34	**0.17**	1.87	0.73	**0.44**	2.24	0.30	**0.18**	2.19	0.51
ZCPUG8	**1.24**	0.21	0.34	**0.11**	-0.95	0.73	**0.31**	-0.72	0.52	**0.13**	-1.08	0.51

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	1.21	0.13	0.34	0.15
Median Abs Dev	0.08	0.01	0.02	0.01
Avg Within Lab SD	0.05	0.01	0.02	0.01
Labs Included	38	38	38	37
Labs Reporting	38	38	38	38

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**0.584**	0.06	0.14	**0.002**	-0.52	0.01	**0.005**	-0.30	0.02	**0.003**	-0.38	0.04
38LZ8V	**0.610**	0.40	0.27	**0.003**	-0.30	0.00	**0.005**	-0.35	0.00	**0.003**	-0.23	0.00
3BLB4V	**0.641**	0.82	0.28	**0.005**	0.25	0.29	**0.006**	-0.03	0.62	**0.003**	-0.15	0.55
46WTPJ	**0.455**	-1.68	0.03	**0.005**	0.35	0.05	**0.006**	-0.11	0.02	**0.004**	0.00	0.09
4VNGB2	**0.578**	-0.02	0.33	**0.004**	-0.09	0.64	**0.006**	0.15	0.22	**0.003**	-0.23	0.00
6BH4CM	**0.500**	-1.07	0.55	**0.004**	-0.09	0.32	**0.006**	-0.10	0.89	**0.003**	-0.09	0.30
6DZMWG	**0.536**	-0.60	0.31	**0.004**	-0.10	0.28	**0.005**	-0.35	0.04	**0.004**	0.06	0.10
6MDEPZ	**0.580**	0.00	0.24	**0.003**	-0.30	0.00	**0.006**	0.02	0.00	**0.003**	-0.23	0.00
7X3VPL	**0.541**	-0.53	0.17				**0.002**	-1.60	0.45			
8RURFX	**0.535**	-0.61	0.34	**0.006**	0.78	2.23	**0.005**	-0.24	0.06	**0.005**	0.62	1.31
9DV6PW	**0.530**	-0.67	2.89	**0.007**	1.02	0.70	**0.010**	1.66	0.89	**0.006**	1.12	0.14
BD4XFG	**0.605**	0.34	0.30									
C26KVA	**0.628**	0.64	0.28	**0.007**	0.80	0.14	**0.009**	1.17	0.21	**0.007**	1.24	0.31
H3KUDP	**0.587**	0.09	0.32	**0.010**	1.86	0.00	**0.010**	1.52	0.00	**0.010**	2.64	0.00
K9KXD8	**0.512**	-0.91	1.46	**0.002**	-0.51	0.52	**0.004**	-0.75	0.69	**0.002**	-0.77	0.67
KJWKZD	**0.367**	-2.87X	0.95	**0.015**	3.29X	0.32	**0.017**	4.15X	0.00	**0.014**	4.41X	0.30
MKM4G6	**0.535**	-0.61	0.92	**0.011**	2.27	0.32	**0.013**	2.52	0.59	**0.011**	2.91	0.59
R39FU7	**0.377**	-2.73X	2.21	**0.003**	-0.21	0.34	**0.007**	0.35	0.09	**0.004**	0.12	0.12
R83AWE	**0.731**	2.03	1.21	**0.009**	1.62	3.25	**0.001**	-1.68	4.54	**0.007**	1.50	3.85
RJWQJU	**0.555**	-0.34	1.53									
RQE2YG	**0.626**	0.61	0.24	**0.003**	-0.43	0.02	**0.006**	-0.14	0.04	**0.003**	-0.21	0.00
UX4Q7V	**0.676**	1.29	2.24	**0.004**	0.08	0.65	**0.006**	-0.02	0.09	**0.050**	18.91X	33.04
V4AKZQ	**0.600**	0.26	0.19	**0.003**	-0.20	0.32	**0.005**	-0.35	0.00	**0.003**	-0.23	0.00
WL9YXV	**0.626**	0.62	0.88	**0.007**	0.83	1.69	**0.007**	0.27	1.18	**0.003**	-0.09	1.66
X4L2AA	**0.641**	0.82	1.48	**0.012**	2.47	0.55	**0.011**	1.77	0.89	**0.008**	1.95	1.49
XVTM9P	**0.483**	-1.31	0.09	**0.004**	-0.08	0.08	**0.006**	0.12	0.06	**0.004**	0.20	0.05

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
YUDNNZ	**0.560**	-0.27	0.55	**0.006**	0.73	1.77	**0.007**	0.27	0.22	**0.005**	0.45	0.30
ZC9XP8	**0.700**	1.61	1.44	**0.003**	-0.30	0.00	**0.006**	0.15	0.22	**0.003**	-0.09	0.30
ZCPUG8	**0.580**	0.00	0.55	**0.057**	16.23X	35.47	**0.010**	1.52	0.00	**0.037**	13.55X	12.96

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.58	0.004	0.006	0.004
Median Abs Dev	0.05	0.001	0.001	0.001
Avg Within Lab SD	0.02	0.002	0.003	0.002
Labs Included	27	24	26	23
Labs Reporting	29	26	27	26

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**874.0**	0.06	0.12	**167.0**	0.05	0.20	**72.1**	0.04	0.26	**440.0**	0.28	
38LZ8V	**1,132.3**	0.73	0.07	**174.3**	0.24	0.50	**85.0**	0.53	0.48	**540.0**	0.87	0.05
4VNGB2	**1,114.6**	0.69	0.49	**163.0**	-0.05	2.02	**93.4**	0.85	0.37	**574.3**	1.07	0.45
6BH4CM	**436.3**	-1.08	0.16	**126.7**	-0.99	0.30	**42.7**	-1.07	0.14	**257.0**	-0.80	0.10
6MDEPZ	**1,046.0**	0.51	0.18	**207.4**	1.10	0.25	**91.4**	0.77	0.49	**579.3**	1.10	0.77
7X3VPL	**1,233.3**	0.99	0.62	**181.7**	0.43	0.69	**81.3**	0.39	0.61	**583.3**	1.13	0.66
9DV6PW	**309.7**	-1.41	0.29	**89.7**	-1.95	0.82	**26.0**	-1.70	2.57	**182.7**	-1.24	0.70
C26KVA	**970.9**	0.31	0.40	**183.8**	0.49	1.73	**69.8**	-0.04	1.35	**373.6**	-0.11	1.47
EUL3DK	**447.8**	-1.05	3.56	**115.6**	-1.28	0.13	**43.9**	-1.02	0.46	**384.4**	-0.05	0.14
H3KUDP	**440.3**	-1.07	0.05	**144.7**	-0.53	0.69	**50.3**	-0.78	0.14	**317.0**	-0.44	0.14
MKM4G6	**795.5**	-0.14	0.87	**179.5**	0.38	0.30	**75.6**	0.17	2.26	**364.6**	-0.16	1.15
N9TAJ2	**1,194.0**	0.89	0.39	**186.9**	0.57	2.12	**96.4**	0.96	0.57	**577.0**	1.09	0.78
R83AWE	**1,999.9**	2.99X	14.60	**328.2**	4.23X	3.62	**221.5**	5.68X	12.09	**840.5**	2.64X	6.17
RJWQJU	**807.1**	-0.11	0.70	**155.8**	-0.24	0.96	**61.0**	-0.37	0.48	**374.3**	-0.11	0.58
RQE2YG	**891.1**	0.10	0.12	**185.8**	0.54	0.67	**86.0**	0.57	1.32	**407.2**	0.09	0.12
UX4Q7V	**417.6**	-1.13	0.12	**100.5**	-1.67	0.16	**42.9**	-1.06	0.56	**135.6**	-1.51	3.32
V4AKZQ	**651.2**	-0.52	0.14	**155.2**	-0.25	0.52	**59.5**	-0.43	0.24	**342.1**	-0.30	0.02
XVTM9P	**1,363.6**	1.33	0.50	**196.6**	0.82	0.71	**99.3**	1.07	0.42	**634.8**	1.43	0.21
YUDNNZ	**827.5**	-0.06	0.02	**159.3**	-0.15	0.43	**66.7**	-0.16	0.28	**400.5**	0.05	0.48
ZC9XP8	**1,153.3**	0.79	2.16	**215.3**	1.30	1.12	**96.3**	0.96	1.37	**574.0**	1.07	1.22
ZCPUG8	**649.3**	-0.52	0.23	**147.0**	-0.47	1.62	**56.7**	-0.54	0.61	**290.7**	-0.60	0.24

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	850.8	165.0	71.0	392.5
Median Abs Dev	272.7	19.6	17.8	118.6
Avg Within Lab SD	46.7	5.1	4.1	19.4
Labs Included	20	20	20	20
Labs Reporting	21	21	21	21

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**50.2**	0.44	0.42	**37.3**	1.89	0.59	**52.9**	1.57	0.46	**12.4**	0.70	0.10
38LZ8V	**43.0**	-0.94		**31.0**	-0.22		**43.7**	-0.61	0.33	**9.0**	-0.42	
3BLB4V	**47.9**	0.00	0.07	**31.6**	-0.01	0.29	**48.8**	0.61	0.04	**6.5**	-1.24	0.22
46WTPJ	**45.6**	-0.44	1.72	**30.6**	-0.34	0.92	**46.9**	0.16	0.18	**10.0**	-0.09	0.03
4VNGB2	**48.8**	0.18	0.61	**29.8**	-0.63	1.90	**46.9**	0.15	0.21	**10.9**	0.22	0.10
6BH4CM	**41.7**	-1.20	0.43	**31.7**	0.00	1.27	**45.3**	-0.22	0.33	**10.3**	0.02	0.21
6DZMWG	**47.3**	-0.12	1.87	**36.6**	1.64	1.75	**43.5**	-0.66	1.19	**16.5**	2.08	0.85
6MDEPZ	**48.0**	0.02	0.14	**31.6**	-0.02	0.35	**49.0**	0.64	0.27	**8.4**	-0.61	0.12
7X3VPL	**49.3**	0.27	0.85	**28.0**	-1.22	0.83	**43.0**	-0.77	0.58	**5.3**	-1.64	0.21
9DV6PW	**36.3**	-2.21	0.43	**26.3**	-1.78	0.48	**39.3**	-1.64	0.88	**9.8**	-0.17	0.40
BD4XFG	**51.1**	0.62	0.98	**33.0**	0.43	1.92	**50.3**	0.95	1.25	**11.9**	0.55	0.33
BHZM2U	**50.8**	0.54	0.15	**31.8**	0.03	0.17	**49.1**	0.68	0.09	**12.0**	0.56	0.06
BNN87V	**51.3**	0.65	1.34	**33.1**	0.49	0.37	**44.7**	-0.38	0.19	**10.5**	0.07	0.18
C26KVA	**52.0**	0.78	1.39	**34.5**	0.95	2.81	**48.8**	0.60	1.43	**11.9**	0.56	0.29
DU6KV9	**48.7**	0.15	0.19	**31.9**	0.07	0.13	**48.4**	0.51	0.23	**9.7**	-0.18	0.01
EUL3DK	**40.4**	-1.44	0.13	**27.0**	-1.54	0.30	**40.1**	-1.46	0.11	**9.9**	-0.14	0.18
H3KUDP	**50.3**	0.46	0.43	**35.7**	1.34	0.48	**55.3**	2.15	0.33	**337.0**	108.66X	5.61
K9KXD8	**39.9**	-1.54	0.33	**29.3**	-0.79	0.63	**41.9**	-1.02	0.41	**9.6**	-0.23	0.08
KJWKZD	**61.7**	2.64	2.32	**35.0**	1.10	0.18	**48.8**	0.60	0.29	**10.0**	-0.10	0.00
KL9ZUE	**40.6**	-1.41	1.54	**27.0**	-1.55	1.33	**35.4**	-2.56X	4.75	**9.5**	-0.25	0.13
MKM4G6	**47.8**	-0.03	1.84	**31.2**	-0.15	0.99	**46.1**	-0.03	0.80	**12.6**	0.76	0.37
N9TAJ2	**46.7**	-0.23	0.98	**30.4**	-0.43	0.59	**43.8**	-0.58	1.10	**8.8**	-0.48	0.08
R39FU7	**20.8**	-5.18X	0.59	**25.7**	-1.98	0.55	**42.9**	-0.80	1.25	**10.2**	-0.02	0.18
R83AWE	**21.8**	-4.99X	8.34	**32.4**	0.24	1.40	**44.2**	-0.49	1.75	**6.5**	-1.27	0.54
RJWQJU	**49.9**	0.37	1.62	**34.0**	0.77	1.37	**50.5**	1.00	1.29	**12.4**	0.70	0.25
RMXUBG	**48.8**	0.17	0.32	**31.8**	0.06	0.54	**45.0**	-0.30	0.06	**14.0**	1.24	0.13

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RQE2YG	**50.4**	0.48	0.12	**35.0**	1.10	0.59	**50.7**	1.05	0.53	**11.6**	0.45	0.13
UX4Q7V	**45.7**	-0.42	0.10	**31.7**	0.01	0.21	**48.8**	0.61	0.38	**27.3**	5.66	5.65
V4AKZQ	**44.4**	-0.67	0.21	**30.5**	-0.39	0.15	**45.7**	-0.12	0.19	**9.8**	-0.16	0.03
VAX68C	**47.5**	-0.07	0.37	**30.8**	-0.28	0.57	**46.0**	-0.05	0.66	**7.6**	-0.89	0.09
VF6TKE	**48.6**	0.13	0.27	**32.3**	0.20	0.67	**46.4**	0.04	0.58	**11.5**	0.40	0.16
WL9YXV	**49.4**	0.28	1.17	**32.0**	0.11	0.83	**50.1**	0.90	0.83	**13.7**	1.15	0.45
X4L2AA	**39.6**	-1.59	0.10	**29.6**	-0.70	0.34	**44.0**	-0.54	1.07	**9.4**	-0.27	0.09
XVTM9P	**47.9**	0.00	0.28	**30.8**	-0.30	0.51	**46.2**	-0.02	0.19	**11.0**	0.25	0.05
YUDNNZ	**44.2**	-0.70	0.28	**32.3**	0.21	0.17	**42.5**	-0.89	1.31	**9.7**	-0.19	0.16
ZC9XP8	**55.0**	1.35	1.86	**35.2**	1.19	1.67	**52.3**	1.44	3.71	**11.3**	0.33	0.58
ZCPUG8	**42.3**	-1.07	0.85	**29.3**	-0.78	0.48	**46.3**	0.02	1.45	**11.0**	0.24	0.72

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	47.9	31.7	46.3	10.3
Median Abs Dev	2.4	1.3	2.6	1.2
Avg Within Lab SD	1.4	1.2	1.7	2.8
Labs Included	35	37	36	36
Labs Reporting	37	37	37	37

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**75.3**	0.19	0.61	**22.1**	-0.12	0.24	**36.0**	-0.22	0.11	**21.1**	-0.11	0.27
38LZ8V	**73.7**	0.00	0.16	**21.6**	-0.37	0.12	**33.6**	-0.96	0.11	**19.0**	-0.89	0.11
3BLB4V	**87.7**	1.66	0.06	**26.9**	2.41	0.75	**44.9**	2.50	0.83	**25.4**	1.50	0.94
46WTPJ	**90.2**	1.95	1.80	**34.8**	6.57X	5.51	**44.1**	2.27	1.14	**30.0**	3.25X	1.64
4VNGB2	**73.8**	0.01	0.27	**21.2**	-0.58	1.33	**36.0**	-0.21	0.15	**21.7**	0.11	0.50
6BH4CM	**65.0**	-1.04		**22.7**	0.18	0.92	**37.0**	0.09		**22.3**	0.36	0.31
6DZMWG	**68.2**	-0.66	0.12	**21.4**	-0.48	0.08	**34.7**	-0.63	0.53	**19.8**	-0.59	0.24
6MDEPZ	**70.0**	-0.44	0.35	**22.1**	-0.11	0.10	**38.0**	0.41	0.15	**22.2**	0.30	0.04
7X3VPL	**73.7**	-0.01	0.65	**22.0**	-0.18		**35.0**	-0.53		**20.3**	-0.39	0.31
8RURFX	**71.5**	-0.27	0.27	**23.2**	0.46	2.85	**35.3**	-0.43	1.24	**23.0**	0.63	0.39
9DV6PW	**55.7**	-2.14	0.89	**19.3**	-1.58	0.46	**32.3**	-1.34	0.87	**19.0**	-0.89	0.53
BD4XFG	**77.8**	0.49	1.21	**22.7**	0.19	1.56	**37.5**	0.24	0.73	**25.3**	1.49	3.08
BHZM2U	**74.2**	0.06	0.30	**23.9**	0.81	0.09	**38.6**	0.59	0.20	**25.7**	1.61	0.31
BNN87V	**82.2**	1.01	0.78	**24.9**	1.35	0.50	**38.0**	0.38	0.56	**22.5**	0.42	1.14
C26KVA	**71.1**	-0.31	0.85	**21.0**	-0.70	0.93	**32.9**	-1.18	1.32	**20.3**	-0.42	1.86
DU6KV9	**76.5**	0.33	0.22	**23.3**	0.52	0.26	**37.2**	0.14	0.14	**20.8**	-0.23	0.13
EUL3DK	**60.1**	-1.62	0.66	**20.4**	-0.99	1.11	**30.6**	-1.86	0.34	**20.9**	-0.17	1.54
H3KUDP	**72.0**	-0.21	0.43	**23.3**	0.53	0.46	**37.0**	0.09	0.57	**20.0**	-0.51	0.53
JM4JX2	**63.6**	-1.20	3.19	**21.1**	-0.67	1.92	**36.8**	0.03	3.53	**19.8**	-0.60	1.79
K9KXD8	**64.3**	-1.12	0.32	**21.5**	-0.42	0.75	**32.0**	-1.46	0.58	**18.6**	-1.03	0.22
KJWKZD	**78.4**	0.55	0.20	**24.4**	1.10	0.01	**38.7**	0.61	0.21	**24.4**	1.13	0.01
KL9ZUE	**71.5**	-0.26	2.15	**23.3**	0.51	0.59	**37.7**	0.29	1.45	**21.4**	0.00	0.40
MKM4G6	**68.2**	-0.66	0.74	**21.4**	-0.50	0.56	**35.1**	-0.50	1.84	**20.2**	-0.45	0.39
N9TAJ2	**73.3**	-0.06	0.07	**22.7**	0.19	0.48	**35.1**	-0.51	0.16	**19.9**	-0.55	0.57
R39FU7	**28.3**	-5.40X	0.32	**15.9**	-3.39	0.49	**29.2**	-2.29	0.37	**17.6**	-1.42	0.40
R83AWE	**94.5**	2.46	1.79	**35.9**	7.16X	10.37	**48.0**	3.47X	2.79	**28.0**	2.48	2.93

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RJWQJU	**71.3**	-0.29	0.48	**22.0**	-0.17	0.84	**34.6**	-0.66	0.66	**19.4**	-0.73	0.38
RMXUBG	**66.7**	-0.84	0.65	**21.0**	-0.70		**33.0**	-1.14		**21.7**	0.11	0.31
RQE2YG	**79.3**	0.67	0.24	**24.2**	0.99	0.39	**39.0**	0.70	0.24	**22.4**	0.38	0.36
UX4Q7V	**80.7**	0.82	0.91	**22.6**	0.12	0.33	**36.7**	0.00	0.65	**45.6**	9.06X	15.03
V4AKZQ	**71.4**	-0.27	0.37	**21.9**	-0.21	0.10	**34.9**	-0.56	0.16	**20.8**	-0.20	0.06
VAX68C	**72.4**	-0.16	1.67	**21.2**	-0.61	0.40	**33.5**	-0.99	1.11	**21.4**	0.01	0.87
VF6TKE	**77.9**	0.50	1.03	**23.1**	0.40	1.25	**37.7**	0.30	0.60	**24.3**	1.08	0.84
WL9YXV	**75.0**	0.15	0.94	**22.4**	0.05	2.06	**37.1**	0.12	1.14	**22.9**	0.57	0.28
X4L2AA	**47.3**	-3.14X	1.05	**13.4**	-4.68X	0.25	**25.1**	-3.57X	0.74	**14.3**	-2.66	1.08
XVTM9P	**79.2**	0.65	0.26	**22.7**	0.18	0.48	**36.5**	-0.06	0.09	**21.8**	0.17	0.54
YUDNNZ	**79.4**	0.67	0.91	**25.7**	1.77	2.11	**36.8**	0.02	0.20	**21.6**	0.09	0.79
ZC9XP8	**83.6**	1.17	1.12	**22.2**	-0.05	0.30	**38.5**	0.55	1.62	**22.2**	0.32	1.14
ZCPUG8	**74.3**	0.07	0.25	**23.7**	0.70	0.46	**37.0**	0.09	1.13	**20.3**	-0.39	0.31

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	73.7	22.3	36.7	21.4
Median Abs Dev	4.2	1.0	1.6	1.2
Avg Within Lab SD	2.3	1.3	1.8	1.9
Labs Included	37	36	37	37
Labs Reporting	39	39	39	39

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**96.9**	0.10	0.14	**93.9**	0.53	0.39	**99.5**	0.33	0.19	**46.1**	0.13	0.16
38LZ8V	**98.5**	0.23	0.13	**88.0**	0.00	0.25	**93.0**	-0.33	0.05	**43.7**	-0.34	0.10
3BLB4V	**110.2**	1.16	0.01	**103.0**	1.36	0.76	**112.4**	1.62	0.43	**50.8**	1.01	1.33
46WTPJ	**87.7**	-0.63	0.54	**82.6**	-0.49	0.05	**88.9**	-0.74	0.72	**43.4**	-0.39	0.28
4VNGB2	**91.3**	-0.35	0.32	**78.4**	-0.86	2.15	**91.0**	-0.53	0.17	**43.0**	-0.47	0.39
6BH4CM	**84.0**	-0.93	0.29	**93.3**	0.48	0.16	**97.3**	0.11	0.20	**46.7**	0.23	0.32
6DZMWG	**84.3**	-0.91	0.43	**84.2**	-0.34	1.15	**91.0**	-0.53	0.96	**46.4**	0.17	1.34
6MDEPZ	**120.2**	1.95	0.13	**113.1**	2.26	0.09	**128.0**	3.20X	0.34	**61.9**	3.12	0.12
7X3VPL	**94.7**	-0.08	0.44	**84.0**	-0.36	0.27	**91.3**	-0.49	0.39	**43.3**	-0.41	0.32
8RURFX	**94.2**	-0.12	0.26	**82.4**	-0.50	1.37	**91.6**	-0.47	1.14	**44.6**	-0.16	1.20
9DV6PW	**71.7**	-1.91	0.60	**72.0**	-1.44	0.72	**82.0**	-1.43	0.34	**39.0**	-1.23	0.95
BD4XFG	**100.3**	0.37	0.96	**92.2**	0.38	0.28	**101.5**	0.53	0.42	**48.7**	0.61	0.51
BHZM2U	**97.2**	0.12	0.21	**88.4**	0.04	0.41	**98.4**	0.22	0.14	**47.7**	0.42	0.23
BNN87V	**107.5**	0.95	1.16	**97.1**	0.82	0.90	**100.0**	0.38	0.59	**46.8**	0.25	1.16
C26KVA	**85.6**	-0.80	0.06	**83.3**	-0.42	0.66	**93.6**	-0.27	0.73	**43.8**	-0.31	0.96
DU6KV9	**104.5**	0.70	0.25	**92.8**	0.43	0.22	**102.0**	0.58	0.68	**44.5**	-0.19	0.28
EUL3DK	**78.5**	-1.37	0.17	**74.7**	-1.20	0.30	**82.2**	-1.41	0.30	**39.3**	-1.16	0.61
H3KUDP	**95.3**	-0.03	0.33	**96.3**	0.75	0.32	**106.0**	0.98	0.34	**49.0**	0.67	0.55
JM4JX2	**87.5**	-0.65	2.95	**83.7**	-0.39	2.20	**91.8**	-0.45	1.84	**40.8**	-0.88	2.05
K9KXD8	**83.8**	-0.94	0.33	**80.8**	-0.64	0.42	**86.9**	-0.94	1.21	**43.6**	-0.35	1.92
KJWKZD	**117.1**	1.70	3.06	**89.5**	0.13	0.32	**96.3**	0.01	0.79	**44.5**	-0.18	0.10
KL9ZUE	**93.7**	-0.15	1.82	**83.0**	-0.45	2.48	**94.4**	-0.19	0.47	**44.9**	-0.11	2.26
MKM4G6	**92.7**	-0.23	0.33	**85.4**	-0.23	0.79	**95.4**	-0.08	0.97	**46.0**	0.11	0.29
N9TAJ2	**99.0**	0.26	0.09	**89.4**	0.13	0.28	**95.1**	-0.11	0.09	**43.7**	-0.33	0.64
R39FU7	**58.3**	-2.97X	1.50	**93.3**	0.48	1.96	**106.6**	1.05	2.84	**50.5**	0.96	1.86
R83AWE	**71.0**	-1.97	0.60	**66.2**	-1.96	1.44	**71.4**	-2.50	1.62	**47.8**	0.44	2.12

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RJWQJU	**98.9**	0.26	0.99	**90.6**	0.24	0.65	**98.0**	0.18	0.51	**46.2**	0.15	0.38
RMXUBG	**93.7**	-0.16	0.60	**76.0**	-1.08	0.27	**84.7**	-1.16	0.20	**43.7**	-0.34	0.63
RQE2YG	**103.5**	0.62	0.14	**97.5**	0.86	0.19	**107.2**	1.10	0.34	**51.2**	1.08	0.08
UX4Q7V	**97.2**	0.12	0.06	**85.5**	-0.22	0.10	**96.6**	0.04	0.24	**84.9**	7.48X	24.14
V4AKZQ	**90.5**	-0.41	0.31	**86.9**	-0.09	0.23	**97.6**	0.14	0.32	**43.0**	-0.47	0.27
VAX68C	**87.0**	-0.69	2.97	**78.8**	-0.82	1.45	**84.9**	-1.14	2.03	**30.9**	-2.76	0.29
VF6TKE	**96.7**	0.08	0.74	**86.8**	-0.11	0.56	**96.2**	-0.01	0.53	**47.1**	0.32	0.81
WL9YXV	**101.7**	0.48	0.17	**94.7**	0.61	2.10	**106.3**	1.02	1.38	**51.8**	1.21	1.13
X4L2AA	**64.4**	-2.49	0.43	**63.9**	-2.17	0.30	**77.1**	-1.92	1.21	**32.1**	-2.54	0.87
XVTM9P	**100.1**	0.35	0.14	**88.9**	0.08	0.85	**96.7**	0.05	0.13	**46.7**	0.24	0.38
YUDNNZ	**99.6**	0.31	0.06	**92.3**	0.39	0.37	**99.2**	0.30	0.43	**46.3**	0.15	0.53
ZC9XP8	**108.7**	1.03	0.88	**109.0**	1.89	0.47	**117.7**	2.16	2.47	**53.7**	1.55	1.31
ZCPUG8	**96.0**	0.03	0.58	**95.7**	0.69	1.23	**97.7**	0.14	0.99	**44.3**	-0.22	1.14

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	95.7	88.0	96.2	45.5
Median Abs Dev	5.6	5.4	4.8	2.0
Avg Within Lab SD	3.5	3.7	2.9	1.8
Labs Included	38	39	38	38
Labs Reporting	39	39	39	39

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**1,190.0**	0.46	0.31	**174.3**	0.58	0.29	**166.7**	0.70	0.07	**316.0**	0.28	0.20
38LZ8V	**1,448.0**	1.56	0.06	**190.0**	1.26	0.42	**170.3**	0.93	0.31	**349.0**	0.89	0.14
3BLB4V	**1,247.6**	0.70	0.76	**158.6**	-0.11	0.03	**160.6**	0.33	2.03	**372.9**	1.33	0.70
46WTPJ	**1,304.5**	0.95	0.24	**197.2**	1.57	0.44	**176.4**	1.30	0.34	**350.6**	0.92	0.22
4VNGB2	**1,167.9**	0.36	0.20	**155.0**	-0.27	1.26	**151.7**	-0.20	0.05	**302.0**	0.02	0.07
6BH4CM	**671.3**	-1.75	0.44	**149.0**	-0.53	0.28	**148.3**	-0.41	0.19	**214.0**	-1.61	0.05
6DZMWG	**1,079.7**	-0.01	1.25	**142.0**	-0.83	1.74	**143.2**	-0.72	2.43	**280.1**	-0.39	0.28
6MDEPZ	**1,201.4**	0.51	0.09	**164.7**	0.16	0.19	**164.4**	0.57	0.09	**348.7**	0.88	0.09
7X3VPL	**1,353.3**	1.15	0.91	**186.0**	1.08	0.14	**159.7**	0.28	0.19	**329.7**	0.53	0.11
8RURFX	**1,189.1**	0.45	1.58	**162.7**	0.07	0.86	**159.0**	0.24	1.05	**320.4**	0.36	0.48
9DV6PW	**509.0**	-2.45	0.60	**105.3**	-2.43	0.71	**118.7**	-2.21	1.26	**146.7**	-2.85	0.43
BD4XFG	**953.6**	-0.55	0.96	**116.3**	-1.95	1.03	**154.5**	-0.03	0.56	**291.0**	-0.19	0.06
BHZM2U	**1,085.7**	0.01	0.12	**156.3**	-0.21	0.22	**147.3**	-0.47	0.07	**289.3**	-0.22	0.03
BNN87V	**1,188.1**	0.45	1.16	**177.8**	0.73	0.51	**155.1**	0.00	1.45	**330.2**	0.54	0.66
C26KVA	**998.7**	-0.36	0.59	**146.1**	-0.66	1.23	**140.1**	-0.91	0.96	**258.6**	-0.78	0.26
DU6KV9	**906.4**	-0.75	0.12	**163.8**	0.12	0.03	**156.0**	0.06	0.02	**293.5**	-0.14	0.05
EUL3DK	**1,027.3**	-0.24	0.16	**147.6**	-0.59	0.31	**132.1**	-1.39	0.10	**303.4**	0.04	0.09
H3KUDP	**603.0**	-2.05	0.14	**142.0**	-0.83	0.28	**137.7**	-1.06	0.07	**213.7**	-1.61	0.33
JM4JX2	**1,005.9**	-0.33	1.67	**183.6**	0.98	2.84	**195.0**	2.42	2.75	**334.7**	0.62	1.34
K9KXD8	**1,041.0**	-0.18	0.63	**161.7**	0.02	1.00	**143.7**	-0.69	0.50	**314.7**	0.25	0.33
KJWKZD	**1,064.2**	-0.08	0.23	**180.1**	0.83	0.57	**171.2**	0.98	0.19	**277.1**	-0.44	0.15
KL9ZUE	**1,048.7**	-0.14	0.40	**187.4**	1.15	0.95	**161.7**	0.40	0.79	**280.2**	-0.39	0.66
MKM4G6	**975.1**	-0.46	1.48	**159.0**	-0.09	1.34	**144.3**	-0.66	1.77	**263.8**	-0.69	0.24
N9TAJ2	**1,237.0**	0.66	0.27	**176.0**	0.65	1.81	**157.9**	0.17	0.23	**333.6**	0.60	0.35
R39FU7	**576.3**	-2.16	0.21	**156.7**	-0.19	0.43	**156.7**	0.10	0.68	**311.7**	0.20	0.29
R83AWE	**930.3**	-0.65	2.37	**150.0**	-0.48	1.93	**140.7**	-0.87	2.01	**257.8**	-0.80	0.45

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RJWQJU	**1,089.2**	0.03	1.94	**160.9**	-0.01	0.55	**152.0**	-0.19	0.49	**279.1**	-0.41	0.73
RMXUBG	**1,111.0**	0.12	0.47	**157.3**	-0.17	0.57	**147.0**	-0.49	0.64	**300.0**	-0.02	0.27
RQE2YG	**1,091.1**	0.04	0.13	**158.9**	-0.10	0.69	**161.9**	0.42	0.11	**263.0**	-0.70	0.16
UX4Q7V	**855.4**	-0.97	0.51	**139.8**	-0.93	0.32	**142.0**	-0.79	0.29	**250.3**	-0.94	5.64
V4AKZQ	**881.3**	-0.86	0.31	**137.8**	-1.01	0.36	**139.5**	-0.94	0.16	**211.5**	-1.65	0.02
VAX68C	**1,296.7**	0.91	1.55	**179.0**	0.78	1.23	**155.0**	0.00	0.12	**329.7**	0.53	0.16
VF6TKE	**1,210.0**	0.54	2.06	**187.0**	1.13	0.98	**166.0**	0.66	0.43	**328.7**	0.51	0.14
WL9YXV	**1,146.7**	0.27	0.73	**179.0**	0.78	1.84	**170.0**	0.91	0.85	**357.0**	1.03	0.32
X4L2AA	**368.3**	-3.05X	0.36	**93.4**	-2.95X	0.37	**100.0**	-3.34X	0.40	**105.9**	-3.60X	0.08
XVTM9P	**1,383.4**	1.28	0.60	**188.3**	1.18	0.34	**172.0**	1.03	0.12	**362.2**	1.13	0.08
YUDNNZ	**1,036.0**	-0.20	0.27	**161.3**	0.01	0.92	**152.3**	-0.17	0.19	**286.3**	-0.27	0.33
ZC9XP8	**1,273.3**	0.81	2.38	**181.0**	0.87	0.88	**174.3**	1.17	1.58	**330.3**	0.54	0.78
ZCPUG8	**1,040.0**	-0.18	0.31	**154.0**	-0.31	0.51	**142.3**	-0.77	1.11	**282.0**	-0.35	0.32

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	1,082.7	161.1	155.1	301.0
Median Abs Dev	113.2	15.0	10.9	28.9
Avg Within Lab SD	31.8	7.1	8.1	35.2
Labs Included	38	38	38	38
Labs Reporting	39	39	39	39

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**19.8**	0.56	0.17	**13.5**	0.65	0.48	**12.1**	0.16	0.16	**8.9**	0.10	0.19
38LZ8V	**19.6**	0.47	0.29	**13.9**	1.05	0.72	**11.7**	-0.16	0.08	**8.8**	-0.04	0.17
3BLB4V	**20.4**	0.88	0.11	**14.5**	1.56	0.26	**12.8**	0.68	0.08	**9.0**	0.14	1.06
46WTPJ	**21.0**	1.20	0.39	**14.6**	1.59	0.31	**12.9**	0.79	0.21	**9.6**	0.84	0.11
4VNGB2	**19.6**	0.49	0.54	**12.6**	-0.13	1.56	**12.3**	0.32	0.15	**9.0**	0.18	0.30
6BH4CM	**16.3**	-1.20	0.63	**12.7**	-0.04	0.73	**12.7**	0.60	0.78	**8.3**	-0.55	0.99
6DZMWG	**17.2**	-0.75	0.09	**12.2**	-0.46	0.49	**11.9**	-0.05	0.61	**8.6**	-0.26	0.36
6MDEPZ	**19.3**	0.33	0.83	**14.0**	1.11	0.19	**13.1**	0.99	0.66	**10.0**	1.29	0.88
7X3VPL	**15.3**	-1.71	0.63	**11.3**	-1.19	0.73	**10.3**	-1.32	0.78	**7.3**	-1.65	0.99
8RURFX	**19.0**	0.19	1.87	**12.1**	-0.51	1.34	**11.2**	-0.57	0.39	**9.0**	0.18	0.69
9DV6PW	**14.3**	-2.22	0.63	**11.7**	-0.91	0.73	**10.3**	-1.32	0.78	**7.3**	-1.65	0.99
BD4XFG	**19.4**	0.38	1.39	**13.4**	0.58	0.34	**12.4**	0.36	1.09	**9.3**	0.56	0.36
BHZM2U	**17.2**	-0.77	0.06	**11.6**	-0.93	0.15	**11.1**	-0.71	0.16	**7.9**	-1.06	0.10
BNN87V	**17.6**	-0.54	0.70	**12.6**	-0.11	0.44	**11.9**	-0.06	0.10	**9.7**	0.91	0.41
C26KVA	**19.7**	0.54	0.92	**14.0**	1.08	0.24	**12.3**	0.30	0.26	**9.1**	0.29	0.10
DU6KV9	**18.6**	-0.05	0.47	**12.7**	-0.01	0.25	**12.5**	0.49	0.08	**8.6**	-0.22	0.15
EUL3DK	**15.0**	-1.87	0.15	**10.3**	-2.06	0.67	**9.2**	-2.26	0.02	**6.9**	-2.14	0.20
H3KUDP	**18.0**	-0.35		**14.0**	1.11		**12.7**	0.60	0.78	**9.0**	0.18	
JM4JX2	**18.9**	0.09	3.87	**13.2**	0.42	3.97	**13.6**	1.40	2.47	**10.5**	1.84	3.38
K9KXD8	**16.1**	-1.31	0.11	**11.5**	-1.08	0.53	**10.2**	-1.40	0.43	**8.1**	-0.84	0.95
KJWKZD	**18.7**	0.01	0.56	**12.7**	0.00	0.87	**11.1**	-0.67	0.41	**8.6**	-0.24	0.68
KL9ZUE	**15.8**	-1.49	2.52	**12.2**	-0.45	0.60	**9.7**	-1.81	3.57	**7.9**	-0.99	1.71
MKM4G6	**16.4**	-1.15	0.64	**11.5**	-1.09	0.32	**11.5**	-0.37	0.47	**8.9**	0.04	0.61
N9TAJ2	**19.4**	0.38	0.35	**13.6**	0.78	0.81	**12.1**	0.14	0.79	**8.4**	-0.48	0.17
R39FU7	**9.3**	-4.80X	1.48	**16.4**	3.21X	0.41	**14.4**	1.99	1.29	**10.8**	2.16	1.67
R83AWE	**20.2**	0.78	1.26	**14.8**	1.77	1.57	**12.7**	0.65	1.13	**9.2**	0.40	0.26

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
RJWQJU	**17.6**	-0.53	0.14	**12.4**	-0.25	0.26	**11.0**	-0.80	0.37	**8.3**	-0.59	0.85
RMXUBG	**19.7**	0.51	0.63	**13.0**	0.25		**12.7**	0.60	0.78	**9.7**	0.92	0.99
RQE2YG	**19.9**	0.64	0.28	**14.0**	1.13	0.48	**12.7**	0.60	0.37	**9.5**	0.75	0.40
UX4Q7V	**18.8**	0.04	0.05	**12.5**	-0.19	0.16	**11.8**	-0.12	0.15	**23.3**	15.91X	12.04
V4AKZQ	**18.0**	-0.36	0.49	**12.7**	0.00	0.13	**12.2**	0.21	1.63	**8.6**	-0.25	0.28
VAX68C	**18.3**	-0.21	0.42	**12.2**	-0.44	0.51	**11.3**	-0.55	1.81	**8.7**	-0.10	0.36
VF6TKE	**17.4**	-0.63	0.61	**11.8**	-0.76	0.97	**11.0**	-0.74	0.74	**8.0**	-0.92	
WL9YXV	**18.7**	-0.01	0.46	**12.7**	0.02	1.81	**12.3**	0.33	0.66	**9.4**	0.66	0.92
X4L2AA	**19.8**	0.60	0.53	**13.4**	0.60	0.36	**13.5**	1.26	0.58	**8.6**	-0.26	0.40
XVTM9P	**20.3**	0.82	0.18	**13.3**	0.52	0.61	**11.8**	-0.08	0.25	**9.3**	0.47	1.04
YUDNNZ	**18.3**	-0.21	0.17	**12.3**	-0.33	0.70	**11.5**	-0.33	0.47	**9.4**	0.62	2.25
ZC9XP8	**19.7**	0.54	0.93	**13.0**	0.22	0.96	**11.9**	0.00	1.48	**8.5**	-0.34	0.91
ZCPUG8	**17.0**	-0.86		**13.0**	0.25		**11.3**	-0.49	0.78	**8.3**	-0.55	0.99

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	18.7	12.7	11.9	8.83
Median Abs Dev	1.1	0.6	0.7	0.50
Avg Within Lab SD	0.9	0.8	0.7	0.58
Labs Included	38	38	39	38
Labs Reporting	39	39	39	39

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**4.08**	1.30	0.24	**0.31**	0.25	0.06	**0.50**	0.93	0.02	**0.35**	0.40	0.02
38LZ8V	**3.10**	-0.25	0.34	**0.16**	-0.55	0.38	**0.41**	-0.10	0.10	**0.22**	-0.82	0.10
4VNGB2	**3.02**	-0.38	1.03									
6BH4CM	**3.00**	-0.40	0.81	**0.30**	0.21	0.00	**0.40**	-0.17	0.00	**0.30**	-0.06	0.00
6MDEPZ	**3.25**	0.00	0.05	**0.24**	-0.10	0.07	**0.44**	0.26	0.00	**0.31**	0.00	0.04
7X3VPL	**3.37**	0.18	0.47	**0.20**	-0.35	0.00	**0.37**	-0.53	1.02	**0.37**	0.55	0.36
9DV6PW	**2.49**	-1.20	0.98	**0.27**	0.05	0.20	**0.34**	-0.81	0.40	**0.24**	-0.64	0.16
BD4XFG	**3.20**	-0.09	2.02									
C26KVA	**2.56**	-1.09	1.67									
KL9ZUE	**3.30**	0.07	1.78	**0.28**	0.08	0.47	**0.46**	0.43	1.33	**0.41**	0.98	0.70
R83AWE	**6.42**	4.99X	6.63	**0.76**	2.82	2.93	**0.47**	0.59	3.04	**1.42**	10.20X	3.48
RJWQJU	**3.68**	0.67	0.40									
RQE2YG	**3.63**	0.60	0.85	**0.12**	-0.81		**0.24**	-1.85		**0.09**	-1.94	0.45
UX4Q7V	**3.80**	0.86	1.47	**0.25**	-0.05	1.88	**0.42**	0.07	0.78	**0.47**	1.45	3.47
V4AKZQ	**4.15**	1.42	0.58	**0.79**	2.98	0.65	**0.51**	1.05	0.34	**0.31**	0.00	0.26
X4L2AA	**2.32**	-1.48	0.54	**0.13**	-0.73	0.06	**0.28**	-1.48	0.08	**0.16**	-1.30	0.06
XVTM9P	**3.09**	-0.25	0.20	**0.22**	-0.22	0.14	**0.41**	-0.07	0.04	**0.28**	-0.23	0.02
ZC9XP8	**4.04**	1.24	0.43	**0.30**	0.23	0.19	**0.52**	1.12	0.26	**0.35**	0.38	0.21

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	3.25	0.26	0.42	0.31
Median Abs Dev	0.38	0.04	0.05	0.06
Avg Within Lab SD	0.12	0.08	0.15	0.16
Labs Included	17	14	14	13
Labs Reporting	18	14	14	14

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**0.73**		0.82	**0.13**		0.66	**0.52**		0.38	**0.21**	1.29
EDCALB	**0.71**		0.86	**0.15**		1.32	**0.50**		1.44	**0.23**	1.51
EDCEZJ	**0.70**		1.27	**0.15**		0.30	**0.50**		1.12	**0.21**	0.26
QDCD62	**0.66**		0.99	**0.15**		1.32	**0.46**		0.72	**0.21**	0.00

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.70	0.15	0.50	0.21
Median Abs Dev				
Avg Within Lab SD	0.01	0.00	0.01	0.00
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**7.71**		1.59	**1.28**		0.20	**1.64**		0.42	**1.67**	1.26
EDCALB	**6.44**		0.74	**1.39**		1.87	**1.64**		0.66	**1.65**	0.77
EDCEZJ	**7.99**		0.94	**1.35**		0.37	**1.70**		1.17	**1.62**	0.24
QDCD62	**6.94**		0.22	**1.34**		0.56	**1.70**		1.42	**1.68**	1.33

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	7.33	1.34	1.67	1.66
Median Abs Dev				
Avg Within Lab SD	0.18	0.04	0.03	0.03
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**2.59**		1.32	**2.64**		0.30	**1.11**		0.68	**0.54**	0.98
EDCALB	**2.53**		0.64	**2.42**		1.39	**1.06**		1.25	**0.50**	0.76
EDCEZJ	**2.78**		0.92	**2.67**		0.88	**1.17**		1.36	**0.55**	0.41
QDCD62	**2.65**		1.00	**2.59**		1.09	**1.07**		0.35	**0.50**	1.51

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	2.62	2.62	1.09	0.52
Median Abs Dev				
Avg Within Lab SD	0.07	0.05	0.02	0.01
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**0.64**		1.49	**0.65**		0.69	**0.49**		0.14	**0.30**	0.34
EDCALB	**0.61**		0.81	**0.56**		1.41	**0.44**		1.38	**0.28**	1.97
EDCEZJ	**0.66**		0.96	**0.63**		1.02	**0.48**		1.20	**0.28**	0.13
QDCD62	**0.63**		0.46	**0.59**		0.71	**0.45**		0.80	**0.28**	0.00

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.63	0.61	0.47	0.28
Median Abs Dev				
Avg Within Lab SD	0.01	0.01	0.01	0.00
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**0.612**		0.05	**0.012**		1.88	**0.006**		0.00	**0.003**	0.00
EDCALB	**0.497**		0.92	**0.019**		0.67	**0.013**		1.41	**0.012**	1.21
EDCEZJ	**0.593**		1.13	**0.016**		0.05	**0.013**		0.19	**0.011**	1.04
QDCD62	**0.570**		1.37	**0.006**		0.07	**0.007**		1.41	**0.001**	1.21

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.58	0.014	0.010	0.007
Median Abs Dev				
Avg Within Lab SD	0.01	0.008	0.001	0.000
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**767.0**		0.21	**130.9**		0.15	**66.7**		0.08	**543.4**	0.15
8RURFX	**744.8**		1.40	**157.2**		1.41	**83.0**		1.41	**538.3**	1.41

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	755.9	144.0	74.8	540.8
Median Abs Dev				
Avg Within Lab SD	33.8	8.7	9.1	20.6
Labs Included	2	2	2	2
Labs Reporting	2	2	2	2

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
6MDEPZ	**52.7**	-0.49	0.45	**35.6**	0.93	0.21	**53.8**	0.50	0.09	**12.5**	-0.76	0.03
8RURFX	**47.9**	-2.54	0.07	**33.0**	-0.87	0.60	**48.1**	-0.50	1.19	**13.5**	-0.46	1.88
EDCALB	**54.3**	0.18	0.74	**35.0**	0.52	0.78	**47.0**	-0.70	0.57	**18.3**	0.94	1.03
EDCEZJ	**53.6**	-0.12	0.55	**34.8**	0.41	0.77	**56.5**	0.98	0.20	**12.2**	-0.86	0.35
JM4JX2	**54.2**	0.12	2.22	**32.9**	-0.92	1.73	**47.1**	-0.67	1.79	**16.7**	0.46	0.92
QDCD62	**55.3**	0.60	0.18	**33.7**	-0.41	1.19	**55.0**	0.71		**17.0**	0.55	0.67

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	53.9	34.2	51.0	15.1
Median Abs Dev	0.8	1.0	3.9	2.2
Avg Within Lab SD	3.1	1.3	1.8	1.5
Labs Included	6	6	6	6
Labs Reporting	6	6	6	6

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**58.0**		1.87	**19.4**		0.33	**34.3**		1.17	**21.2**	1.07
EDCALB	**72.3**		0.21	**26.7**		1.67	**36.0**			**23.0**	1.16
EDCEZJ	**73.9**		0.65	**23.2**		0.34	**38.2**		0.79	**20.8**	1.02
QDCD62	**71.3**		0.21	**22.0**			**37.3**		1.00	**21.7**	0.67

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	71.8	22.6	36.7	21.4
Median Abs Dev				
Avg Within Lab SD	2.7	1.8	1.2	0.9
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**91.6**		1.84	**94.3**		0.98	**100.9**		1.62	**52.6**	1.64
EDCALB	**92.3**		0.49	**80.7**		1.61	**96.7**		0.55	**46.3**	0.46
EDCEZJ	**92.7**		0.60	**82.5**		0.39	**101.5**		0.99	**46.7**	0.32
QDCD62	**87.7**		0.18	**81.3**		0.53	**92.7**		0.28	**46.0**	

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	92.0	81.9	98.8	46.5
Median Abs Dev				
Avg Within Lab SD	3.1	2.2	2.1	1.2
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**498.3**		1.03	**132.2**		0.08	**144.9**		0.59	**195.4**	0.68
EDCALB	**830.7**		1.15	**152.3**		1.69	**157.3**		1.01	**330.3**	1.84
EDCEZJ	**527.5**		0.90	**108.1**		0.43	**121.5**		1.60	**231.6**	0.40
QDCD62	**442.7**		0.90	**105.3**		0.97	**129.7**		0.28	**208.7**	0.12

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	512.9	120.2	137.3	220.1
Median Abs Dev				
Avg Within Lab SD	11.2	3.6	2.1	12.9
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008	
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MDEPZ	**17.9**	1.13		**13.2**	0.48		**11.7**	1.20		**9.0**	0.87
EDCALB	**20.1**	1.06		**14.2**	1.36		**12.5**	1.40		**9.7**	1.57
EDCEZJ	**18.6**	1.02		**13.5**	1.06		**12.5**	0.63		**9.1**	0.89
QDCD62	**18.3**	0.76		**13.8**	0.89		**12.4**	0.47		**8.7**	0.00

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	18.5	13.6	12.4	9.04
Median Abs Dev				
Avg Within Lab SD	0.3	0.3	0.1	0.11
Labs Included	4	4	4	4
Labs Reporting	4	4	4	4

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
6MDEPZ	**2.65**		1.00	**0.24**		1.00	**0.41**		1.00	**0.29**		1.00

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	2.65	0.24	0.41	0.29
Median Abs Dev				
Avg Within Lab SD	0.06	0.01	0.01	0.01
Labs Included	1	1	1	1
Labs Reporting	1	1	1	1

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**1.02**	1.04	0.05	**0.09**	-0.13	0.06	**0.07**	-0.01	0.06	**0.31**	-0.08	0.23
38LZ8V	**0.73**	-0.78	2.25	**0.52**	1.65	2.39				**0.23**	-0.70	2.11
4VNGB2	**1.07**	1.34	0.44	**0.57**	1.83	0.40	**0.64**	2.54	2.20	**0.60**	2.05	0.41
9DV6PW	**0.83**	-0.13	0.71	**0.09**	-0.12	0.19	**0.07**	0.00	0.00	**0.33**	0.08	0.82
V4AKZQ	**3.39**	15.55X	0.42	**2.59**	10.20X	1.52	**1.27**	5.30X	6.56	**0.90**	4.30X	1.58
XVTM9P	**0.75**	-0.62	0.26	**0.15**	0.12	0.25	**0.24**	0.75	0.37	**0.39**	0.53	0.63
ZC9XP8	**0.88**	0.13	0.40	**0.08**	-0.18	0.03	**0.06**	-0.06	0.18	**0.24**	-0.62	0.52

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.85	0.12	0.070	0.32
Median Abs Dev	0.11	0.04	0.015	0.08
Avg Within Lab SD	0.11	0.08	0.027	0.04
Labs Included	6	6	5	6
Labs Reporting	7	7	6	7

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**27.7**	1.06	1.05	**39.2**	0.45	0.44	**24.2**	0.31	0.03	**6.7**	-0.25	0.23
38LZ8V	**22.3**	-0.48	0.19	**31.8**	-1.01	0.70	**19.0**	-1.14	0.10	**5.6**	-2.28	0.09
4VNGB2	**20.7**	-0.95	0.39	**33.6**	-0.65	0.86	**21.5**	-0.45	0.43	**6.8**	-0.15	2.03
9DV6PW	**24.0**	0.00	2.28	**34.7**	-0.45	2.21	**22.0**	-0.31	2.52	**7.0**	0.23	1.56
R83AWE	**39.2**	4.33X	6.10	**39.3**	0.46	0.16	**25.9**	0.79	0.91	**7.0**	0.15	1.07
RQE2YG	**25.2**	0.33	0.06	**40.4**	0.68	0.13	**25.7**	0.72	0.11	**7.2**	0.55	0.16
V4AKZQ	**21.0**	-0.84	0.43	**34.4**	-0.50	0.17	**21.8**	-0.38	0.20	**6.0**	-1.51	0.16
ZC9XP8	**27.7**	1.06	0.57	**43.0**	1.19	1.27	**27.8**	1.29	0.77	**7.0**	0.28	0.44

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	24.0	37.0	23.1	6.87
Median Abs Dev	3.0	2.9	2.1	0.15
Avg Within Lab SD	2.7	1.5	1.7	0.64
Labs Included	7	8	8	8
Labs Reporting	8	8	8	8

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**1.343**	0.00	0.17	**0.036**	-0.58	0.00	**0.072**	-0.06	0.20	**0.043**	-0.03	0.08
38LZ8V	**0.987**	-1.57	0.17	**0.010**	-1.26	0.00	**0.013**	-1.81	0.17	**0.013**	-0.95	0.39
4VNGB2	**1.167**	-0.78	0.22	**0.127**	1.78	0.60	**0.153**	2.38	0.44	**0.103**	1.85	0.39
9DV6PW	**1.140**	-0.89	2.55	**0.033**	-0.65	0.17	**0.060**	-0.41	0.00	**0.040**	-0.12	0.00
R83AWE	**1.630**	1.26	1.31	**0.061**	0.07	1.88	**0.084**	0.32	1.28	**0.095**	1.59	2.73
RQE2YG	**1.512**	0.74	0.65	**0.064**	0.15	2.24	**0.091**	0.51	2.65			
V4AKZQ	**1.357**	0.06	0.22	**0.097**	1.00	0.17	**0.070**	-0.11	0.00	**0.037**	-0.23	0.39
XVTM9P	**1.317**	-0.12	0.03	**0.058**	0.00	0.12	**0.089**	0.45	0.23	**0.063**	0.59	0.30
ZC9XP8	**1.493**	0.66	0.45	**0.035**	-0.60	0.01	**0.074**	0.00	0.11	**0.045**	0.03	0.06

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	1.34	0.058	0.074	0.044
Median Abs Dev	0.17	0.023	0.014	0.013
Avg Within Lab SD	0.07	0.035	0.035	0.015
Labs Included	9	9	9	8
Labs Reporting	9	9	9	8

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**0.94**	0.16	0.02	**0.37**	0.96	1.88	**0.41**	0.42	1.04	**0.42**	0.14	0.13
38LZ8V	**0.88**	0.00	0.05	**0.19**	-0.61	0.19	**0.33**	-0.18	1.20	**0.35**	-0.37	0.05
4VNGB2	**0.25**	-1.77	0.31	**0.33**	0.62	1.06	**0.29**	-0.46	0.66	**0.20**	-1.40	0.12
7X3VPL	**1.25**	1.03	1.78	**0.29**	0.27	0.38	**0.36**	0.08	0.38	**0.41**	0.07	0.41
9DV6PW	**0.64**	-0.68	1.47	**0.18**	-0.70	0.43	**0.35**	0.00	1.64	**0.40**	0.00	1.42
R83AWE	**1.23**	0.97	0.94	**0.35**	0.75	1.59	**0.47**	0.94	1.53	**0.48**	0.54	1.02
RQE2YG	**0.60**	-0.80	1.49	**0.15**	-1.04		**0.11**	-1.82	0.78	**0.23**	-1.16	2.36
V4AKZQ	**0.71**	-0.49	0.31	**0.14**	-1.11	0.46	**0.09**	-1.98	0.00	**0.08**	-2.20	0.00
ZC9XP8	**0.94**	0.16	0.62	**0.26**	0.00	0.48	**0.38**	0.19	0.48	**0.43**	0.21	0.41

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.88	0.26	0.35	0.40
Median Abs Dev	0.24	0.08	0.06	0.05
Avg Within Lab SD	0.11	0.11	0.07	0.13
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**2.53**	0.26	0.03	**5.61**	0.15	0.27	**4.62**	0.00	0.10	**0.26**	-0.30	0.05
38LZ8V	**2.32**	0.00	0.14	**4.47**	-0.89	0.23	**3.60**	-1.29	0.08	**0.19**	-0.67	0.03
4VNGB2	**2.15**	-0.22	0.91	**4.28**	-1.05	0.44	**5.49**	1.10	1.98	**0.39**	0.43	0.40
9DV6PW	**3.46**	1.40	2.77	**6.16**	0.65	1.68	**4.36**	-0.33	1.27	**0.38**	0.39	0.25
R83AWE	**3.30**	1.21	0.44	**6.59**	1.04	2.32	**5.44**	1.03	1.17	**0.31**	0.00	0.98
RQE2YG	**1.83**	-0.62	0.22	**6.28**	0.76	0.63	**4.81**	0.24	0.30	**0.25**	-0.37	1.51
V4AKZQ	**1.44**	-1.09	0.10	**4.86**	-0.53	0.13	**4.03**	-0.74	0.16	**0.01**	-1.69	0.00
XVTM9P	**2.30**	-0.03	0.14	**4.36**	-0.99	0.12	**3.71**	-1.16	0.07	**0.36**	0.25	0.05
ZC9XP8	**3.34**	1.25	0.45	**5.44**	0.00	0.23	**4.77**	0.18	1.39	**0.66**	1.96	2.35

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	2.32	5.44	4.62	0.31
Median Abs Dev	0.50	0.84	0.59	0.07
Avg Within Lab SD	0.35	0.43	0.32	0.18
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**0.50**	-0.39	0.04	**0.13**	-1.49	0.04	**0.06**	-0.32	0.19	**0.36**	-0.23	0.14
38LZ8V	**0.16**	-1.93	0.47							**0.11**	-1.31	0.36
4VNGB2	**0.48**	-0.48	0.34	**0.20**	0.17	1.01	**0.14**	1.01	1.75	**0.47**	0.26	1.13
9DV6PW	**0.64**	0.27	0.44	**0.19**	-0.14	0.99	**0.09**	0.22	0.18	**0.45**	0.17	1.65
RQE2YG	**0.58**	0.00	2.53	**0.23**	0.83	1.97				**0.56**	0.66	
V4AKZQ	**2.46**	8.44X	0.62	**1.74**	36.23X	4.44	**0.01**	-1.24	0.00	**0.01**	-1.72	0.00
XVTM9P	**0.91**	1.49	0.22	**0.20**	0.14	0.32	**0.14**	1.02	1.69	**0.61**	0.87	1.55
ZC9XP8	**0.62**	0.16	0.10	**0.14**	-1.27	0.14	**0.07**	-0.22	0.11	**0.37**	-0.17	0.66

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	0.58	0.19	0.080	0.41
Median Abs Dev	0.09	0.02	0.037	0.11
Avg Within Lab SD	0.23	0.04	0.023	0.03
Labs Included	7	6	6	8
Labs Reporting	8	7	6	8

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

	SRB2005			SRB2006			SRB2007			SRB2008		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2LCD9K	**317.3**	0.29	0.12	**181.0**	0.08	0.13	**34.9**	0.07	0.02	**4.7**	-0.25	0.13
38LZ8V	**276.7**	-0.48	0.20	**160.0**	-0.72		**31.0**	-0.66		**5.0**	0.10	
4VNGB2	**226.3**	-1.43	0.06	**143.1**	-1.36	0.17	**28.2**	-1.17	0.12	**3.8**	-1.32	0.06
7X3VPL	**268.6**	-0.63	0.09	**155.6**	-0.89	0.05	**30.0**	-0.84	0.09	**4.1**	-1.01	0.06
9DV6PW	**377.0**	1.41	2.94	**220.0**	1.56	2.77	**43.3**	1.65	2.77	**7.0**	2.56	2.25
R83AWE	**343.5**	0.78	0.50	**195.9**	0.64	0.45	**38.5**	0.74	0.36	**4.9**	0.00	1.67
RQE2YG	**302.0**	0.00	0.06	**180.8**	0.07	0.07	**34.5**	0.00	0.07	**5.0**	0.08	0.04
V4AKZQ	**265.4**	-0.69	0.06	**159.2**	-0.75	0.08	**31.2**	-0.62	0.06	**4.3**	-0.70	0.10
ZC9XP8	**321.0**	0.36	0.22	**179.0**	0.00	0.28	**36.2**	0.32	0.40	**5.0**	0.04	0.32

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

	SRB2005	SRB2006	SRB2007	SRB2008
Grand Median	302.0	179.0	34.5	4.91
Median Abs Dev	33.4	19.0	3.5	0.20
Avg Within Lab SD	28.6	27.3	4.9	0.77
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**7.14**	-0.80	0.00	**8.04**	-1.81	0.00	**7.04**	-1.09	0.00
3YVGTM	**8.28**	2.13	0.39	**8.12**	-0.72	0.31	**7.31**	0.01	0.18
8RURFX	**7.20**	-0.64	0.39	**8.17**	-0.09	0.18	**7.15**	-0.66	0.18
BD4XFG	**7.48**	0.08	0.44	**8.17**	0.00	1.24	**7.39**	0.32	0.41
C26KVA	**7.42**	-0.08	1.34	**8.20**	0.36	1.10	**7.33**	0.07	1.33
EUL3DK	**7.55**	0.27	2.80	**8.25**	1.08	1.45	**7.57**	1.03	0.39
H3KUDP	**7.16**	-0.74	0.53	**8.17**	-0.05	0.53	**7.37**	0.25	0.33
KL9ZUE	**7.62**	0.45	0.39	**8.23**	0.77	1.86	**7.62**	1.23	2.95
MKM4G6	**6.87**	-1.51	0.15	**8.22**	0.59	0.71	**6.84**	-1.90	0.33
MQVLGJ	**8.20**	1.94	0.25	**8.11**	-0.90	0.18	**7.31**	-0.01	0.33
QDCD62	**7.50**	0.14	1.39	**8.09**	-1.08	0.93	**7.51**	0.80	0.81
UX4Q7V	**7.31**	-0.36		**8.20**	0.36		**6.96**	-1.41	
WL9YXV	**7.50**	0.13	0.51	**8.24**	0.95	1.38	**7.28**	-0.12	1.02
X4L2AA	**7.38**	-0.19	0.39	**7.83**	-4.70**X**	0.47	**7.18**	-0.52	0.31

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

	SRW2004	SRW2005	SRW2006
Grand Median	7.45	8.17	7.31
Median Abs Dev	0.16	0.05	0.15
Avg Within Lab SD	0.04	0.03	0.06
Labs Included	14	13	14
Labs Reporting	14	14	14

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.34**	0.40	0.08	**0.83**	1.07	0.17	**0.10**	-0.08	0.00
3YVGTM	**0.34**	-0.05	0.77	**0.81**	-0.02	1.09	**0.10**	0.00	0.00
8RURFX	**0.34**	0.45	0.77	**0.82**	0.42	0.63	**0.10**	0.00	0.00
C26KVA	**0.33**	-0.50	0.96	**0.78**	-1.94	0.55	**0.10**	0.06	0.17
EUL3DK	**0.36**	1.67	2.36	**0.81**	0.02	1.96	**0.14**	3.48	3.24
H3KUDP	**0.32**	-1.05	0.77	**0.80**	-0.47	0.63	**0.10**	0.00	0.00
KL9ZUE	**0.40**	4.65X	2.99	**0.91**	6.96X	2.45	**0.14**	3.71	1.21
MKM4G6	**0.33**	-0.27	0.85	**0.80**	-0.83	1.43	**0.10**	0.20	0.09
MQVLGJ	**0.33**	-0.62	0.00	**0.82**	0.49	0.13	**0.10**	0.06	0.02
QDCD62	**0.35**	0.95	0.00	**0.82**	0.65	1.09	**0.11**	0.85	0.00
UX4Q7V	**0.32**	-1.15		**0.80**	-0.40		**0.10**	-0.33	
WL9YXV	**0.34**	0.05	0.46	**0.82**	0.42	0.63	**0.10**	0.00	0.00
X4L2AA	**0.35**	0.95	1.33	**0.79**	-1.36	1.09	**0.10**	0.00	0.00

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.34	0.81	0.10
Median Abs Dev	0.01	0.01	0.00
Avg Within Lab SD	0.01	0.01	0.01
Labs Included	12	12	13
Labs Reporting	13	13	13

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.61**	0.00	0.06	**5.48**	-0.27	0.20	**0.54**	-0.12	0.23
3YVGTM	**0.52**	-0.87	2.33	**6.37**	1.33	2.92	**0.37**	-1.94	3.62
8RURFX	**0.51**	-1.00	0.09	**5.56**	-0.14	0.09	**0.46**	-0.94	0.25
BD4XFG	**0.78**	1.59	0.17	**5.63**	0.00	0.55	**0.68**	1.33	0.31
C26KVA	**0.67**	0.55	0.13	**5.12**	-0.92	1.24	**0.56**	0.10	0.28
EUL3DK	**0.20**	-4.05X	0.34	**3.40**	-4.02X	0.03	**0.44**	-1.20	0.19
H3KUDP	**0.63**	0.17	0.25	**5.88**	0.44	0.10	**0.59**	0.39	0.26
KL9ZUE	**0.71**	0.94	1.50	**5.90**	0.48	0.56	**0.60**	0.46	0.26
MKM4G6	**0.51**	-0.97	0.39	**5.25**	-0.68	0.62	**0.42**	-1.38	0.26
MQVLGJ	**0.56**	-0.48	0.15	**5.43**	-0.36	0.08	**0.51**	-0.48	0.15
QDCD62	**0.57**	-0.45	1.46	**5.27**	-0.66	0.38	**0.60**	0.49	0.00
UX4Q7V	**0.59**	-0.23	0.25	**5.98**	0.62	0.12	**0.54**	-0.10	0.46
WL9YXV	**0.70**	0.81	0.38	**6.12**	0.87	0.62	**0.58**	0.31	0.04
X4L2AA	**0.69**	0.71	1.65	**6.75**	2.00	1.16	**0.57**	0.20	0.36

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.61	5.63	0.55
Median Abs Dev	0.07	0.34	0.05
Avg Within Lab SD	0.04	0.30	0.04
Labs Included	13	13	14
Labs Reporting	14	14	14

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.79**	-0.51	0.08	**2.72**	-0.99	0.13	**0.24**	-1.41	0.22
3YVGTM	**0.72**	-1.33	3.28	**2.58**	-1.59	3.03	**0.28**	-0.18	3.35
8RURFX	**0.83**	0.00	0.10				**0.26**	-0.91	0.10
BD4XFG	**0.89**	0.82	0.22	**2.82**	-0.52	0.16	**0.34**	1.35	0.33
C26KVA	**0.90**	0.89	0.40	**3.10**	0.71	0.23	**0.29**	0.04	0.31
EUL3DK	**0.61**	-2.76X	0.15	**2.19**	-3.32X	0.04	**0.20**	-2.52X	0.08
H3KUDP	**0.89**	0.82	0.65	**2.91**	-0.11	0.16	**0.29**	0.00	0.72
KL9ZUE	**0.87**	0.48	0.30	**3.05**	0.51	0.31	**0.30**	0.21	0.50
MKM4G6	**0.78**	-0.57	0.23	**2.98**	0.19	0.39	**0.23**	-1.57	0.42
MQVLGJ	**0.78**	-0.61	0.00	**2.80**	-0.60	0.03	**0.26**	-0.83	0.00
QDCD62	**0.80**	-0.36	0.00	**2.93**	-0.02	0.26	**0.30**	0.28	0.00
UX4Q7V	**0.81**	-0.28	0.20	**2.94**	0.02	0.02	**0.26**	-0.85	0.59
WL9YXV	**0.91**	0.98	0.37	**3.14**	0.88	0.38	**0.30**	0.17	0.00
X4L2AA	**0.92**	1.13	1.13	**3.38**	1.95	1.50	**0.32**	0.96	0.49

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.83	2.94	0.29
Median Abs Dev	0.05	0.13	0.03
Avg Within Lab SD	0.05	0.22	0.01
Labs Included	13	12	13
Labs Reporting	14	13	14

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**1.48**	-0.02	0.25	**0.60**	-0.15	0.23	**0.17**	0.05	0.14
8RURFX	**1.49**	0.00	0.45	**0.61**	0.03	0.26	**0.16**	-0.65	0.22
BD4XFG	**1.48**	-0.05	0.51	**0.61**	0.00	0.40	**0.19**	1.43	0.42
C26KVA	**1.53**	0.42	1.16	**0.61**	0.08	1.16	**0.17**	0.19	0.15
EUL3DK	**1.28**	-1.91	2.13	**0.52**	-1.76	1.31	**0.14**	-2.22	0.14
H3KUDP	**1.51**	0.22	0.59	**0.57**	-0.71	0.96	**0.16**	-0.89	0.00
KL9ZUE	**1.66**	1.58	0.86	**0.66**	1.17	2.00	**0.19**	1.11	0.45
MKM4G6	**1.47**	-0.15	0.51	**0.61**	-0.01	0.73	**0.17**	-0.40	0.32
MQVLGJ	**1.47**	-0.15	0.00	**0.62**	0.33	0.36			
QDCD62	**1.20**	-2.66	0.00	**0.50**	-2.23		**0.17**	-0.40	3.15
UX4Q7V	**1.52**	0.31	0.54	**0.62**	0.34	0.71	**0.17**	0.00	0.30
WL9YXV	**1.60**	1.09	0.17	**0.63**	0.57	1.57	**0.17**	0.10	0.63
X4L2AA	**1.51**	0.20	2.21	**0.54**	-1.40	0.33	**0.08**	-6.76**X**	0.99

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

	SRW2004	SRW2005	SRW2006
Grand Median	1.49	0.61	0.17
Median Abs Dev	0.02	0.02	0.01
Avg Within Lab SD	0.03	0.02	0.02
Labs Included	13	13	11
Labs Reporting	13	13	12

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.095**	-3.43	0.22	**0.248**	19.15X	0.27	**0.034**	1.65	1.05
3YVGTM	**0.210**	-0.69	2.83	**0.030**	0.57		**0.010**	-0.71	
8RURFX	**0.245**	0.14	0.19	**0.012**	-0.98	0.70	**0.007**	-1.05	1.21
BD4XFG	**0.248**	0.22	0.17						
C26KVA	**0.251**	0.29	0.49	**0.027**	0.33	0.11	**0.022**	0.42	0.58
EUL3DK	**0.198**	-0.99	1.11	**0.019**	-0.37	0.00	**0.018**	0.06	0.42
H3KUDP	**0.230**	-0.22	0.00	**0.023**	0.00	1.35	**0.020**	0.26	0.00
KL9ZUE	**0.252**	0.30	0.36	**0.013**	-0.88	1.92	**0.010**	-0.71	0.14
MKM4G6	**0.233**	-0.14	0.47	**0.033**	0.85	1.35	**0.017**	-0.06	2.41
UX4Q7V	**0.253**	0.34	0.25	**0.028**	0.39	0.38	**0.020**	0.22	0.29
X4L2AA	**0.014**	-5.35X	0.12	**0.003**	-1.70	0.13	**0.001**	-1.59	0.00

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.24	0.023	0.017
Median Abs Dev	0.01	0.007	0.006
Avg Within Lab SD	0.01	0.004	0.002
Labs Included	10	9	10
Labs Reporting	11	10	10

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V							**0.005**		0.00
KL9ZUE	**0.002**		0.28	**0.003**		1.39	**0.005**		1.73
X4L2AA	**0.028**		1.39	**0.004**		0.27	**0.003**		0.00

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.015	0.004	0.005
Median Abs Dev			
Avg Within Lab SD	0.001	0.002	0.001
Labs Included	2	2	3
Labs Reporting	2	2	3

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**2.98**	-0.99	0.14	**9.05**	-0.28	0.12	**0.99**	-0.03	0.68
8RURFX	**3.07**	-0.51	0.11	**6.18**	-2.62	0.08	**0.89**	-1.44	0.63
C26KVA	**3.35**	0.96	0.64	**8.86**	-0.43	1.20	**1.05**	0.76	0.40
H3KUDP	**3.26**	0.51	0.43	**9.39**	0.00	0.18	**1.06**	0.90	0.76
KL9ZUE	**3.48**	1.67	1.10	**9.63**	0.20	0.87	**1.10**	1.40	1.05
UX4Q7V	**3.17**	0.00	0.45	**9.57**	0.15	0.07	**0.99**	0.00	1.42
X4L2AA	**3.15**	-0.07	2.22	**10.67**	1.05	2.18	**0.98**	-0.18	1.50

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

	SRW2004	SRW2005	SRW2006
Grand Median	3.17	9.39	0.99
Median Abs Dev	0.10	0.34	0.06
Avg Within Lab SD	0.09	0.30	0.02
Labs Included	7	7	7
Labs Reporting	7	7	7

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**1.77**	0.35	0.17	**0.30**	0.27	0.23	**0.28**	0.07	0.04
C26KVA	**1.73**	-0.01	1.26	**0.30**	0.39	1.44	**0.33**	0.79	0.16
H3KUDP	**1.73**	0.01	0.69	**0.27**	-0.25	0.88			
QDCD62	**1.43**	-2.55	1.73	**0.20**	-1.90	0.00	**0.23**	-0.52	2.18
UX4Q7V	**1.82**	0.74	0.39	**0.30**	0.25	0.90	**0.27**	0.00	0.08
X4L2AA	**1.69**	-0.39	0.87	**0.24**	-1.00	1.52	**0.12**	-2.00	0.47

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

	SRW2004	SRW2005	SRW2006
Grand Median	1.73	0.28	0.27
Median Abs Dev	0.04	0.01	0.04
Avg Within Lab SD	0.03	0.01	0.05
Labs Included	6	6	5
Labs Reporting	6	6	5

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QDCD62	**1.43**		1.00	**0.30**		0.00	**0.13**		1.34
UX4Q7V	**1.68**			**0.76**			**0.15**		
X4L2AA	**1.87**		1.00	**0.60**		1.41	**0.10**		0.46

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

	SRW2004	SRW2005	SRW2006
Grand Median	1.68	0.60	0.13
Median Abs Dev			
Avg Within Lab SD	0.06	0.02	0.04
Labs Included	3	3	3
Labs Reporting	3	3	3

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.77**	-0.52	0.00	**5.60**	-0.16	0.00	**0.47**	-0.05	0.00
3YVGTM	**0.92**	1.31	0.16	**5.80**	0.31	0.17	**0.56**	1.20	0.63
8RURFX	**0.79**	-0.23	0.41	**5.40**	-0.65	0.37	**0.47**	0.00	0.18
C26KVA	**0.97**	1.96	2.21	**6.31**	1.54	2.76	**0.50**	0.45	2.03
H3KUDP	**0.80**	-0.15	0.00	**6.00**	0.80		**0.41**	-0.91	0.27
KL9ZUE	**0.83**	0.15	0.41	**5.46**	-0.49	0.09	**0.54**	0.89	0.30
MKM4G6	**0.85**	0.50	0.09	**5.51**	-0.38	0.05	**0.50**	0.43	0.09
QDCD62	**0.73**	-0.97	1.89	**5.73**	0.16	0.40	**0.33**	-2.01	1.81
UX4Q7V	**0.80**	-0.19		**5.96**	0.70		**0.46**	-0.13	
X4L2AA	**0.88**	0.76	0.41	**5.02**	-1.56	0.26	**0.75**	3.97X	0.16

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.81	5.67	0.47
Median Abs Dev	0.04	0.24	0.03
Avg Within Lab SD	0.06	0.29	0.06
Labs Included	10	10	9
Labs Reporting	10	10	10

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V				**0.010**		1.00			

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

	SRW2004	SRW2005	SRW2006
Grand Median		0.010	
Median Abs Dev			
Avg Within Lab SD	0.00	0.000	0.00
Labs Included	0	1	0
Labs Reporting	0	1	0

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.69**	1.06	0.00	**0.69**	1.21	0.00	**0.09**	0.54	0.00
8RURFX	**0.63**	0.33	0.40	**0.61**	-0.03	0.40	**0.04**	-0.21	0.17
BD4XFG	**0.63**	0.32	1.10	**0.68**	1.03	1.02			
C26KVA	**0.54**	-0.98	0.45	**0.54**	-0.98	0.66	**0.12**	1.21	3.02
EUL3DK	**0.61**	-0.02	1.60	**0.61**	0.03	1.57	**0.09**	0.69	0.97
H3KUDP	**0.58**	-0.51	0.43	**0.59**	-0.27	0.49	**0.05**	-0.06	0.00
KL9ZUE	**0.57**	-0.64	0.75	**0.57**	-0.50	1.87	**0.05**	0.00	0.20
MKM4G6	**0.47**	-2.00	2.37	**0.49**	-1.73	0.84	**0.18**	2.20	0.90
MQVLGJ	**0.63**	0.21	0.21	**0.62**	0.17	0.00			
QDCD62	**0.61**	0.02	1.19	**0.64**	0.46	1.75	**0.01**	-0.73	0.00
UX4Q7V	**0.64**	0.34	0.03	**0.62**	0.10	0.36	**0.04**	-0.14	0.02
WL9YXV	**0.50**	-1.67	0.21	**0.50**	-1.58	0.49	**0.11**	0.93	0.16
X4L2AA	**0.07**	-7.81X	0.00	**0.08**	-7.66X	0.05	**0.01**	-0.72	0.06

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.61	0.61	0.053
Median Abs Dev	0.03	0.03	0.041
Avg Within Lab SD	0.03	0.02	0.017
Labs Included	12	12	11
Labs Reporting	13	13	11

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.01**	0.05	0.00	**1.08**	0.21	0.00	**0.01**	-0.09	0.00
3YVGTM	**0.07**	3.00	0.00	**1.57**	1.77	2.45	**0.07**	2.98	0.00
8RURFX	**0.01**	-0.03	0.48	**0.97**	-0.13	0.45	**0.02**	0.01	0.18
BD4XFG				**1.09**	0.25	0.40			
C26KVA				**1.06**	0.14	1.06	**0.04**	1.25	3.15
EUL3DK	**0.04**	1.70	1.94	**0.87**	-0.43	1.03	**0.06**	2.20	0.99
H3KUDP				**0.25**	-2.42				
KL9ZUE	**0.00**	-0.28	0.00	**1.04**	0.08	1.21	**0.01**	-0.36	0.88
MKM4G6	**0.03**	0.97	1.94	**1.10**	0.28	1.40	**0.01**	-0.44	0.48
MQVLGJ				**0.99**	-0.08	0.12	**0.02**	-0.01	0.07
QDCD62				**0.96**	-0.15	0.84	**0.02**	0.24	0.00
UX4Q7V	**0.01**	-0.03		**1.09**	0.25	0.23	**0.01**	-0.06	0.01
WL9YXV	**0.01**	-0.02	0.48	**0.88**	-0.43	0.46	**0.02**	0.13	0.20
X4L2AA	**0.01**	0.00	0.06	**0.13**	-2.81	0.04	**0.01**	-0.31	0.06

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.006	1.01	0.016
Median Abs Dev	0.001	0.08	0.005
Avg Within Lab SD	0.008	0.05	0.008
Labs Included	9	14	12
Labs Reporting	9	14	12

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**1.58**	-0.86	0.07	**1.54**	-0.47	0.88	**0.39**	-0.16	0.30
8RURFX	**1.68**	0.07	0.13	**1.57**	-0.10	0.06	**0.39**	-0.22	1.05
BD4XFG	**1.54**	-1.15	2.27	**1.46**	-1.40	1.69	**0.37**	-1.27	0.90
C26KVA	**1.90**	1.90	2.20	**1.70**	1.39	2.45	**0.40**	0.27	2.96
H3KUDP	**1.55**	-1.09	0.13	**1.49**	-1.05	0.19	**0.39**	-0.40	0.36
KL9ZUE	**1.73**	0.48	0.84	**1.60**	0.27	0.25	**0.40**	0.39	0.07
MKM4G6	**1.62**	-0.48	0.80	**1.49**	-1.09	1.11	**0.39**	-0.21	0.74
MQVLGJ	**1.65**	-0.22	0.00	**1.58**	0.06	0.11	**0.41**	0.53	0.21
QDCD62	**1.67**	-0.02	0.54	**1.57**	-0.06	0.72	**0.40**	0.16	0.71
UX4Q7V	**1.68**	0.02	0.02	**1.59**	0.16	0.25	**0.38**	-1.22	0.01
WL9YXV	**1.72**	0.35	0.41	**1.66**	0.93	0.55	**0.41**	0.90	0.15
X4L2AA	**1.84**	1.45	0.39	**1.67**	1.12	0.40	**0.44**	2.38	0.00

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

	SRW2004	SRW2005	SRW2006
Grand Median	1.68	1.58	0.40
Median Abs Dev	0.06	0.06	0.01
Avg Within Lab SD	0.08	0.05	0.03
Labs Included	12	12	12
Labs Reporting	12	12	12

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**3.04**	-0.21	0.05	**8.92**	0.16	0.13	**0.96**	0.13	0.08
8RURFX	**3.12**	0.22	0.23	**8.54**	-0.32	0.29	**0.92**	-0.13	0.35
C26KVA	**3.41**	1.84	2.21	**9.60**	1.03	2.54	**1.07**	0.84	2.44
H3KUDP	**2.93**	-0.82	0.16	**8.33**	-0.59	0.03	**0.85**	-0.62	0.19
KL9ZUE	**3.12**	0.26	0.53	**8.68**	-0.15	0.34	**1.00**	0.39	0.25
QDCD62	**3.02**	-0.31	1.31	**8.91**	0.15	0.55	**0.76**	-1.20	0.91
UX4Q7V	**3.11**	0.21		**9.27**	0.61		**0.90**	-0.30	
X4L2AA	**2.80**	-1.53	0.18	**6.90**	-2.40	0.23	**1.21**	1.78	0.09

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

	SRW2004	SRW2005	SRW2006
Grand Median	3.08	8.79	0.94
Median Abs Dev	0.05	0.36	0.08
Avg Within Lab SD	0.13	0.37	0.11
Labs Included	8	8	8
Labs Reporting	8	8	8

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**-0.06**	-0.35	0.06	**0.13**	-0.08	0.05	**0.03**	0.00	0.06
8RURFX	**-0.05**	-0.30	0.24	**-2.37**	-1.42	0.24	**-0.03**	-0.42	0.45
C26KVA	**-0.06**	-0.36	1.91	**-0.74**	-0.55	1.82	**-0.02**	-0.32	2.36
H3KUDP	**0.34**	1.18	0.27	**1.06**	0.42	0.14	**0.21**	1.20	0.31
KL9ZUE	**0.36**	1.27	0.46	**0.96**	0.37	0.30	**0.09**	0.43	0.16
UX4Q7V	**0.03**	0.00		**0.27**	0.00		**0.13**	0.64	
X4L2AA	**0.36**	1.26	1.42	**3.77**	1.88	1.59	**-0.23**	-1.71	0.32

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.031	0.27	0.029
Median Abs Dev	0.094	0.78	0.066
Avg Within Lab SD	0.153	0.46	0.115
Labs Included	7	7	7
Labs Reporting	7	7	7

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.049**	0.12	0.84	**0.059**	0.46	0.22	**0.007**	-0.23	0.91
8RURFX	**0.032**	-0.78	0.42	**0.039**	-1.16	0.34			
KL9ZUE	**0.040**	-0.34	0.52	**0.047**	-0.52	0.53	**0.008**	-0.14	0.73
QDCD62	**0.097**	2.64	1.58	**0.077**	1.87	1.28	**0.037**	2.53	1.82
UX4Q7V	**0.045**	-0.08	0.03	**0.054**	0.02	0.24	**0.009**	0.00	0.32
WL9YXV	**0.048**	0.08	1.53	**0.053**	-0.02	1.97	**0.014**	0.48	0.48

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.046	0.053	0.009
Median Abs Dev	0.004	0.006	0.003
Avg Within Lab SD	0.004	0.005	0.003
Labs Included	6	6	5
Labs Reporting	6	6	5

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

	SRW2004			SRW2005			SRW2006		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
38LZ8V	**0.040**		0.00	**0.050**		0.00	**0.020**		0.00
3YVGTM	**0.020**			**0.020**			**0.020**		
KL9ZUE	**0.019**		0.11	**0.059**		0.11	**0.013**		0.40
UX4Q7V	**0.051**		1.73	**0.047**		1.73	**0.019**		1.69

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

	SRW2004	SRW2005	SRW2006
Grand Median	0.030	0.048	0.019
Median Abs Dev			
Avg Within Lab SD	0.009	0.005	0.003
Labs Included	4	4	4
Labs Reporting	4	4	4