

- Pass 1 Results for 77 Labs - - Pass 2 Results for 77 Labs -

Method	AOAC Ref.	Method Code	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avg.	Std. Dev.	Average Range of Dups
Ammoniacal Nitrogen, MgO Distillation	920.03	001.10	2	14.43	0.45	0.04	2	14.43	0.45	0.04
Ammoniacal Nitrogen, Other		001.99	3	15.47	0.66	0.03	3	15.47	0.66	0.03
Method Group 001.XX PCT			5	15.05	0.77	0.03	5	15.05	0.77	0.03
Nitrate Nitrogen, Other		002.99	1	1.25	0.01	0.01	1	1.25	0.01	0.01
Water Insoluble Nitrogen, Other		003.99	1	0.75	0.01	0.02	1	0.75	0.01	0.02
Ammon & Nitrate N, Devarda	892.01	009.10	3	16.01	0.28	0.32	3	16.01	0.28	0.32
Total Nitrogen, Modified Comprehensive	978.02	010.11	4	16.09	0.17	0.03	4	16.09	0.17	0.03
Total Nitrogen, Salicylic	955.04D	010.12	2	16.35	0.21	0.04	2	16.35	0.21	0.04
Total Nitrogen, Combustion		010.60	53	16.44	0.19	0.07	49	16.43	0.18	0.06
Total Nitrogen, Other		010.99	5	16.23	0.40	0.13	5	16.23	0.40	0.13
Method Group 010.XX PCT			65	16.41	0.25	0.07	62	16.40	0.23	0.07
Total Phosphate, Grav Quimociac	962.02	020.10	6	7.78	0.09	0.04	6	7.78	0.09	0.04
Total Phosphate, Spectrometric	958.01	020.20	16	7.75	0.20	0.07	14	7.74	0.20	0.05
Total Phosphate, Automated	978.01	020.40	2	7.78	0.04	0.04	2	7.78	0.04	0.04
Total Phosphate, ICP		020.50	7	7.71	0.25	0.11	7	7.71	0.25	0.11
Total Phosphate, Other		020.99	2	7.28	0.26	0.00	2	7.28	0.26	0.00
Method Group 020.XX PCT			33	7.72	0.22	0.07	29	7.74	0.19	0.05
Insoluble Phosphate, Grav Quimociac	963.03C	030.10	1	0.01	0.00	0.00	1	0.01	0.00	0.00
Insoluble Phosphate, Automated	978.01	030.40	1	0.02	0.00	0.00	1	0.02	0.00	0.00
Insoluble Phosphate, ICP		030.50	1	0.01	0.00	0.00	1	0.01	0.00	0.00
Method Group 030.XX PCT			3	0.01	0.01	0.00	3	0.01	0.01	0.00
InDir Available Phosphate, Grav Quim	960.02	040.10	1	7.78	0.03	0.04	1	7.78	0.03	0.04
InDir Available Phosphate, Spectrometri	960.02	040.20	1	7.70	0.01	0.01	1	7.70	0.01	0.01
InDir Available Phosphate, Automated	960.02	040.40	1	7.74	0.01	0.02	1	7.74	0.01	0.02
InDir Available Phosphate, ICP		040.50	2	7.28	0.10	0.05	2	7.28	0.10	0.05
Method Group 040.XX PCT			5	7.55	0.25	0.03	5	7.55	0.25	0.03
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	19	7.72	0.08	0.05	18	7.72	0.08	0.04
Dir Available Phosphate, Spectrometric	960.03D	041.20	1	7.74	0.01	0.01	1	7.74	0.01	0.01
Dir Available Phosphate, Automated	978.01	041.40	5	7.66	0.11	0.03	5	7.66	0.11	0.03
Dir Available Phosphate, ICP		041.50	11	7.57	0.13	0.12	12	7.55	0.15	0.11
Dir Available Phosphate, EDTA Extract	993.01	041.60	11	7.67	0.07	0.04	10	7.67	0.06	0.02
Dir Available Phosphate, Other		041.99	1	7.82	0.03	0.04	1	7.82	0.03	0.04
Method Group 041.XX PCT			48	7.67	0.11	0.06	46	7.68	0.10	0.05
Water Soluble Phosphate, Spectrometric	970.01	048.20	3	7.03	0.15	0.03	3	7.03	0.15	0.03
Soluble Potash, STPB Oxalate	958.02	050.00	17	8.08	0.16	0.11	16	8.07	0.16	0.09
Soluble Potash, STPB Citrate	969.04	050.10	1	7.99	0.00	0.01	1	7.99	0.00	0.01
Soluble Potash, AA (Oxalate)		050.30	10	7.92	0.38	0.09	10	7.65	0.44	0.04
Soluble Potash, AA (Citrate)		050.31	2	7.85	0.63	0.09	2	7.85	0.63	0.09
Soluble Potash, ICP (Oxalate)		050.50	6	8.15	0.46	0.09	6	8.15	0.46	0.09

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Soluble Potash, ICP (Citrate)		050.51	13	7.85	0.27	0.11	13	7.85	0.27	0.11
Soluble Potash, Flame (Oxalate)	983.02(a)	050.60	5	8.07	0.17	0.09	5	8.07	0.17	0.09
Soluble Potash, Flame (Citrate)	983.02(b)	050.61	10	7.99	0.17	0.06	10	7.99	0.17	0.06
Soluble Potash, Other		050.99	10	7.97	0.32	0.05	10	7.97	0.32	0.05
Method Group 050.XX PCT			74	7.99	0.30	0.09	69	7.98	0.29	0.07
Free Water, Vacuum Oven	965.08B	060.00	4	0.49	0.08	0.03	4	0.49	0.08	0.03
Free Water, Other		060.99	1	0.69	0.03	0.04	1	0.69	0.03	0.04
Method Group 060.XX PCT			5	0.53	0.11	0.03	5	0.53	0.11	0.03
Acid Soluble Calcium, ICP		101.30	14	0.30	0.02	0.01	12	0.31	0.02	0.00
Acid Soluble Calcium, Other		101.99	1	0.30	0.00	0.00	1	0.30	0.00	0.00
Method Group 101.XX PCT			15	0.30	0.02	0.01	13	0.30	0.02	0.00
Acid Soluble Magnesium, AA	984.01	121.00	13	0.97	0.06	0.01	12	0.97	0.06	0.01
Acid Soluble Magnesium, ICP		121.30	27	0.97	0.06	0.02	26	0.97	0.06	0.02
Method Group 121.XX PCT			40	0.97	0.06	0.02	38	0.97	0.06	0.01
Water Soluble Magnesium, ICP		131.30	3	0.85	0.08	0.01	3	0.85	0.08	0.01
Water Soluble Magnesium, Titrimetric		131.70	1	1.21	0.00	0.00	1	1.21	0.00	0.00
Method Group 131.XX PCT			4	0.94	0.18	0.01	4	0.94	0.18	0.01
Sulfur, Gravimetric	980.02a	144.01	17	15.65	0.20	0.10	17	15.65	0.20	0.10
Sulfur, Other		144.99	15	15.31	0.53	0.13	14	15.30	0.54	0.10
Method Group 144.XX PCT			33	15.47	0.42	0.13	30	15.53	0.36	0.10
Arsenic, Atomic Absorption		151.00	1	3.06	0.01	0.02	1	3.06	0.01	0.02
Arsenic, ICP		151.30	6	3.17	1.24	0.51	5	3.40	1.14	0.21
Method Group 151.XX PPM			7	3.15	1.14	0.44	6	3.34	1.04	0.18
Acid Soluble Boron, Spectrometric	982.01	165.00	8	0.023	0.004	0.002	8	0.023	0.004	0.002
Acid Soluble Boron, Other		165.99	14	0.023	0.006	0.002	13	0.023	0.006	0.001
Method Group 165.XX PCT			22	0.023	0.005	0.002	20	0.023	0.005	0.001
Water Soluble Boron, Spectrometric	982.01	171.10	1	0.020	0.000	0.000	1	0.020	0.000	0.000
Water Soluble Boron, Other		171.99	2	0.017	0.008	0.000	2	0.017	0.008	0.000
Method Group 171.XX PCT			3	0.018	0.006	0.000	3	0.018	0.006	0.000
Cadmium, Atomic Absorption		181.00	1	1.13	0.03	0.04	1	1.13	0.03	0.04
Cadmium, ICP		181.30	9	1.07	0.13	0.11	8	1.05	0.10	0.08
Cadmium, Other		181.99	1	0.65	0.07	0.10	1	0.65	0.07	0.10
Method Group 181.XX PPM			11	1.03	0.17	0.11	10	1.02	0.16	0.08
Water Soluble Chlorine, Titrimetric	928.02	190.00	1	5.20	0.03	0.04	1	5.20	0.03	0.04
Water Soluble Chlorine, Other		190.99	1	4.97	0.11	0.15	1	4.97	0.11	0.15
Method Group 190.XX PCT			2	5.09	0.15	0.10	2	5.09	0.15	0.10
Chromium, ICP		191.30	10	37.52	3.58	0.88	10	37.52	3.58	0.88
Acid Soluble Cobalt, ICP	965.11	202.30	10	8.41	2.84	0.55	10	8.41	2.84	0.55
Acid Soluble Cobalt, Other		202.99	1	10.50	0.71	1.00	1	10.50	0.71	1.00

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Method Group 202.XX PPM			11	8.60	2.77	0.59	11	8.60	2.77	0.59
Acid Soluble Copper, Atomic Absorption	975.01	221.00	6	0.0068	0.0017	0.0008	5	0.0070	0.0016	0.0004
Acid Soluble Copper, ICP		221.30	21	0.0071	0.0016	0.0005	19	0.0071	0.0015	0.0004
Acid Soluble Copper, Other		221.99	1	0.0060	0.0000	0.0000	1	0.0060	0.0000	0.0000
Method Group 221.XX PCT			28	0.0070	0.0016	0.0006	25	0.0070	0.0015	0.0003
Acid Soluble Iron, Atomic Absorption	980.01	241.00	13	0.26	0.03	0.01	12	0.26	0.02	0.00
Acid Soluble Iron, ICP		241.30	25	0.27	0.02	0.01	23	0.27	0.02	0.00
Acid Soluble Iron, Other		241.99	2	0.24	0.04	0.01	2	0.24	0.04	0.01
Method Group 241.XX PCT			40	0.27	0.02	0.01	38	0.27	0.02	0.01
Lead, ICP		251.30	7	6.39	0.72	0.62	7	6.39	0.72	0.62
Lead, Other		251.99	1	6.50	0.71	1.00	1	6.50	0.71	1.00
Method Group 251.XX PPM			8	6.40	0.69	0.66	8	6.40	0.69	0.66
Acid Soluble Manganese, AA	972.02a	261.00	11	0.100	0.010	0.005	10	0.101	0.010	0.004
Acid Soluble Manganese, AA	972.02b	261.11	2	0.106	0.010	0.006	2	0.106	0.010	0.006
Acid Soluble Manganese, ICP	972.02a	261.30	24	0.103	0.008	0.007	23	0.103	0.008	0.006
Acid Soluble Manganese, Other		261.99	3	0.094	0.013	0.007	3	0.094	0.013	0.007
Method Group 261.XX PCT			40	0.102	0.009	0.007	39	0.102	0.009	0.006
Mercury, Other		281.99	1	0.01	0.00	0.00	1	0.01	0.00	0.00
Molybdenum, ICP		289.30	10	4.46	0.63	0.45	9	4.52	0.56	0.30
Nickel, ICP		291.30	10	16.28	1.26	0.60	10	16.28	1.26	0.60
Sodium, Other		311.99	7	0.25	0.04	0.00	7	0.25	0.04	0.00
Acid Soluble Zinc, Atomic Absorption	975.02	321.00	11	0.063	0.007	0.004	10	0.061	0.004	0.003
Acid Soluble Zinc, ICP		321.30	24	0.063	0.006	0.003	21	0.062	0.004	0.001
Acid Soluble Zinc, Other		321.99	2	0.061	0.003	0.001	2	0.061	0.003	0.001
Method Group 321.XX PCT			37	0.063	0.006	0.003	34	0.062	0.005	0.002

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index				
Meth: 001.10 PCT															
Ammoniacal Nitrogen															
MgO Distillation	372	14.81	.86												
Avg	14.43														
420	14.04	-.87													
Meth: 001.99 PCT															
Ammoniacal Nitrogen															
Other	106	16.32	1.29												
Avg	15.47														
096	15.07	-.62													
027	15.03	-.68													
Meth: 001.XX PCT															
Ammoniacal Nitrogen															
096	15.07	.04													
Avg	15.05														
027	15.03	-.03													
372	14.81	-.32													
420	14.04	-1.31													
Meth: 002.99 PCT															
Nitrate Nitrogen															
Other	027	1.25	-.71												
Meth: 003.99 PCT															
Water Insoluble Nitr															
Other	372	0.75	.71												
Meth: 009.10 PCT															
Ammon & Nitrate N															
Devarda	090	16.09	.30												
Avg	16.01														
416	15.98	-.13													
Meth: 009.10 PCT															
Ammon & Nitrate N															
Devarda	030	15.97	-1.55												
Avg	16.18	.53													
322	16.08	-.13													
211	15.84	-1.47													
114	15.46 S	-3.67													
415	14.73 S	-7.84													
Meth: 010.10 PCT															
Total Nitrogen															
Salicylic	137	16.54	.87												
Avg	16.35														
254	16.17	-.86													
Meth: 010.12 PCT															
Total Nitrogen															
Other	292	17.10 s	3.71												
Avg	16.94 A	2.82													
102	16.87	2.45													
043	16.77	1.89													
157	16.73	1.63													
027	16.70	1.47													
232	16.68	1.36													
422	16.66	1.26													
361	16.65	1.22													
024	16.65	1.22													
072	16.56 R	.98													
377	16.60	.95													
070	16.53 R	.91													
406	16.58	.82													
Meth: 010.60 PCT															
Total Nitrogen															
Combustion	292	17.10 A	3.06												
Avg	16.94	2.35													
102	16.87	2.06													
354	16.83	1.87													
043	16.77	1.61													
157	16.73	1.40													
027	16.70	1.27													
232	16.68	1.19													
422	16.66	1.11													
361	16.65	1.08													
024	16.65	1.08													
377	16.60	.86													
072	16.56	.86													
070	16.53 R	.79													
406	16.58	.75													
234	16.56	.72													
137	16.54	.59													
035	16.53	.54													
Meth: 010.60 PCT															
Total Nitrogen															
Combustion	023	16.22	-1.15												
Avg	16.13	-1.73													
073	16.02	-2.30													
230	16.00	-2.35													
325	15.67 s	-4.23													
Meth: 010.99 PCT															
Total Nitrogen															
Other	354	16.83	1.51												
Avg	16.45	.57													
300	16.45	.57													
255	16.11	-.35													
402	15.95	-.77													
072	15.80	-1.09													
420	14.02 S	-5.52													
Meth: 010.XX PCT															
Total Nitrogen															
Other	292	17.10 A	3.06												
Avg	16.94	2.35													
102	16.87	2.06													
354	16.83	1.87													
043	16.77	1.61													
157	16.73	1.40													
027	16.70	1.27													
232	16.68	1.19													
422	16.66	1.11													
361	16.65	1.08													
024	16.65	1.08													
377	16.60	.86													
072	16.56	.86													
070	16.53 R	.79													
406	16.58	.75													
234	16.56	.72													
137	16.54	.59													
035	16.53	.54													
Meth: 010.XX PCT															
Total Nitrogen															
Other	292	17.10 A	3.06												
Avg	16.94	2.35													
102	16.87	2.06													
354	16.83	1.87													
043	16.77	1.61													
157	16.73	1.40													
027	16.70	1.27													
232	16.68	1.19													
422	16.66	1.11													
361	16.65	1.08													
024	16.65	1.08													
377	16.60	.86													
072	16.56	.86													
070	16.53 R	.79													
406	16.58	.75													
234	16.56	.72													
137	16.54	.59													
035	16.53	.54													

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 010.XX PCT														
<u>Total Nitrogen</u>														
090	16.18	- .99												
254	16.17	-1.03												
351	16.13	-1.28												
255	16.11	-1.34												
322	16.08	-1.43												
073	16.02	-1.73												
230	16.00	-1.77												
402	15.95 R	-2.08												
211	15.84	-2.49												
072	15.80	-2.68												
325	15.67 s	-3.27												
114	15.46 s	-4.16												
415	14.73 s	-7.31												
420	14.02 s	-10.46												
Meth: 020.10 PCT														
<u>Total Phosphate</u>														
095	7.94	1.67												
090	7.79	.23												
444	7.80	.21												
114	7.79	.06												
Avg	7.78													
137	7.74	-.47												
300	7.65	-1.55												
Meth: 020.20 PCT														
<u>Total Phosphate</u>														
425	8.02	1.37												
262	8.00	1.29												
450	7.95 R	1.22												
406	7.94	1.00												
416	7.93	.94												
030	7.82	.37												
292	7.80	.27												
232	7.78	.21												
372	7.75	.06												
Meth: 020.20 PCT														
<u>Spectrometric</u>														
425	8.02	1.37												
262	8.00	1.29												
450	7.95 R	1.22												
406	7.94	1.00												
416	7.93	.94												
030	7.82	.37												
292	7.80	.27												
232	7.78	.21												
372	7.75	.06												
Meth: 020.20 PCT														
<u>Total Phosphate</u>														
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.50 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.50 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
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Avg	7.71													
423	7.58	-.52												
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255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
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Avg	7.71													
423	7.58	-.52												
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<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
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Avg	7.71													
423	7.58	-.52												
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255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
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157	7.71	.61												
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Avg	7.71													
423	7.58	-.52												
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255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												
157	7.71	.61												
361	7.76	.19												
Avg	7.71													
423	7.58	-.52												
444	7.52	-.83												
255	7.37	-1.37												
Meth: 020.40 PCT														
<u>Total Phosphate</u>														
426	8.74 s	4.19												
432	8.01	1.28												
422	8.02	1.26												

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index			
Meth: 041.20 PCT														
Dir Available Phosph														
<u>Spectrometric</u>														
415	8.51 S	109.53										Meth: 050.30 PCT		
055	7.74	.71										Soluble Potash		
Avg	7.74											<u>AA (Oxalate)</u>		
262	6.52 S	-171.85										234	8.17	1.16
Meth: 041.40 PCT														
Dir Available Phosph														
<u>Automated</u>														
027	7.77	.92										137	8.15	1.11
131	7.77	.91										136	7.98	.73
029	7.71	.37										451	7.98	.72
Avg	7.66											040	7.72 R	.40
072	7.57	-.84										351	7.71	.12
025	7.51	-1.40										193	7.66	.07
Meth: 041.50 PCT														
Dir Available Phosph														
<u>ICP</u>														
023	7.72	1.14										Avg	7.84	
291	7.71	1.12										073	7.61	-.12
022	7.58	1.11										428	7.49	-.38
325	7.71	1.07										262	7.00 S	-1.47
009	7.57	.36										425	6.82 S	-1.88
354	7.59	.34										Meth: 050.31 PCT		
360	7.57	.24										Soluble Potash		
Avg	7.57											<u>AA (Citrate)</u>		
043	7.50	-.46										095	8.40	.86
377	7.47	-.55										Avg	7.85	
007	7.50	-1.17										254	7.31	-.87
361	7.37	-1.18										Meth: 050.50 PCT		
070	7.29 S	-1.73										Soluble Potash		
<u>ICP (Oxalate)</u>														
292	8.86	1.53										292	8.86	1.53
426	8.31	.36										426	8.31	.36
106	8.15	.02										106	8.15	.02
Avg	8.15											Avg	8.15	
422	8.13	-.05										422	8.13	-.05
324	8.10	-.32										324	8.10	-.32
420	7.36	-1.71										420	7.36	-1.71
Meth: 050.51 PCT														
Soluble Potash														
<u>ICP (Citrate)</u>														
432	8.23	1.39										432	8.23	1.39
377	8.10	.93										377	8.10	.93
043	8.08	.85										043	8.08	.85

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 050.51 PCT											
Soluble Potash											
ICP (Citrate)											
291	8.02	.64									
007	7.96	.63									
023	7.92	.62									
423	7.88	.29									
022	7.90	.17									
Avg	7.85										
009	7.83	-.11									
070	7.74	-.46									
444	7.70	-.59									
361	7.47	-1.41									
096	7.25	-2.26									
Meth: 050.60 PCT											
Soluble Potash											
Flame (Oxalate)											
415	8.31	1.37									
406	8.14	.40									
Avg	8.07										
131	8.06	-.18									
055	8.03	-.31									
157	7.84	-1.53									
Meth: 050.61 PCT											
Soluble Potash											
Flame (Citrate)											
030	8.79	4.92									
025	8.35	2.10									
057	8.09	.62									
024	8.09	.54									
035	8.05	.37									
Avg	7.99										
028	7.99	-.06									
029	7.96	-.39									
041	7.96	-.49									
037	7.90	-.53									
018	7.84	-.89									
034	7.71	-1.68									
Meth: 050.99 PCT											
Soluble Potash											
Other											
072	44.00	s 160.21									
260	9.12	S 3.61									
300	8.45	1.52									
402	8.25	.91									
232	8.13	.50									
360	8.09	.38									
177	8.02	.18									
354	8.00	.12									
Avg	7.97										
027	7.96	-.05									
131	7.88	-.29									
255	7.64	-1.03									
325	7.28	-2.18									
Meth: 050.99 PCT											
Soluble Potash											
Other											
324	8.10	.63									
137	8.15	.61									
106	8.15	.60									
406	8.14	.57									
422	8.13	.53									
232	8.13	.52									
377	8.10	.43									
057	8.07	.43									
057	8.09	.42									
360	8.09	.39									
024	8.09	.38									
043	8.08	.36									
233	8.07	.33									
043	8.07	.31									
131	8.06	.28									
211	8.06	.27									
035	8.05	.27									
055	8.03	.21									
009	8.02	.20									
231	7.98	.19									
291	8.02	.18									
177	8.02	.17									
354	8.00	.11									
028	7.99	.06									
136	7.98	.04									
322	7.99	.03									
Avg	7.98										
451	7.98	-.05									
027	7.96	-.08									
029	7.95	-.13									
296	7.95	-.14									
029	7.96	-.21									
037	7.90	-.27									
041	7.96	-.27									
022	7.90	-.29									
131	7.88	-.35									
049	7.86	-.41									
423	7.88	-.44									
Meth: 050.99 PCT											
Soluble Potash											
Free Water											
372	0.56	.95									
096	0.55	.69									
Avg	0.49										
416	0.47	-.34									
007	0.37	-1.42									
Meth: 060.00 PCT											
Free Water											
372	0.56	.95									
096	0.55	.69									
Avg	0.49										
416	0.47	-.34									
007	0.37	-1.42									
Meth: 060.99 PCT											
Free Water											
405	0.69	.71									
Other											
405	0.69	.71									

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 101.XX PCT														
<u>Acid Soluble Calcium</u>														
231	0.34	1.95												
433	0.34	1.70												
106	0.32	.84												
420	0.31 R	.81												
096	0.32	.63												
423	0.31	.28												
Avg	0.30													
009	0.30	-.22												
022	0.30	-.27												
131	0.30	-.41												
102	0.30	-.42												
232	0.30	-.60												
292	0.29	-.82												
057	0.29	-.90												
065	0.29 R	-1.22												
027	0.28	-1.52												
041	0.05 s	-14.35												
Meth: 121.00 PCT														
<u>Acid Soluble Magnesi</u>														
AA														
030	1.10	2.09												
136	1.00	.56												
450	1.00	.54												
028	1.00	.51												
029	0.98 R	.50												
296	0.98	.31												
043	0.98	.24												
Avg	0.97													
177	0.96	-.04												
137	0.95	-.24												
040	0.95	-.31												
095	0.95	-.33												
055	0.89	-1.21												
262	0.84	-2.09												
351	0.37 s	-9.64												
Meth: 121.30 PCT														
<u>Acid Soluble Magnesi</u>														
ICP														
422	1.56 s	10.32												
041	1.23 s	4.55												
291	1.10	2.20												
433	1.09	2.01												
027	1.06	1.58												
426	1.04	1.24												
035	1.03	1.00												
231	1.02	.80												
432	1.00	.57												
136	1.00	.54												
450	1.00	.52												
029	0.98 R	.52												
028	1.00	.49												
049	0.99	.39												
444	0.97	.35												
057	0.98	.27												
Avg	0.97													
131	0.96	-.20												
023	0.97	-.21												
009	0.95	-.39												
037	0.96	-.39												
354	0.95	-.40												
420	0.95	-.46												
106	0.94	-.52												
102	0.94	-.53												
065	0.95 R	-.76												
022	0.93	-.79												
096	0.92	-.96												
232	0.91	-.98												
292	0.91	-1.05												
324	0.91	-1.06												
233	0.89	-1.34												
255	0.88	-1.51												
360	0.55 s	-10.79												
Meth: 121.XX PCT														
<u>Acid Soluble Magnesi</u>														
422	1.56 s	10.13												
041	1.23 s	4.48												
291	1.10	2.18												
Meth: 121.XX PCT														
<u>Acid Soluble Magnesi</u>														
255	0.88	-1.46												
262	0.84	-2.29												
351	0.37 s	-10.32												
360	0.55 s	-10.54												
Meth: 131.30 PCT														
<u>Water Soluble Magnes</u>														
ICP														
291	0.92	.98												
027	0.87	.25												
Avg	0.85													
432	0.76	-1.22												
Meth: 131.70 PCT														
<u>Water Soluble Magnes</u>														
Titrimetric														
415	1.21	-.71												
Meth: 144.01 PCT														
<u>Sulfur</u>														
009	15.45 R	.53												
354	15.54	.47												
351	15.54	.46												
291	15.47	.37												
Avg	15.30													
131	15.13	-.31												
232	14.91	-.73												
422	14.84	-.86												
255	14.31	-1.84												
023	14.17	-2.10												
035	13.45 S	-3.44												
Meth: 144.99 PCT														
<u>Sulfur</u>														
Other														
027	15.88	1.08												
423	15.78	.89												
360	15.70	.75												
450	15.66	.69												
177	15.64	.63												
361	15.62	.59												
009	15.45 R	.53												
354	15.54	.47												
351	15.54	.46												
291	15.47	.37												
Avg	15.30													
131	15.13	-.31												
232	14.91	-.73												
422	14.84	-.86												
255	14.31	-1.84												
023	14.17	-2.10												
035	13.45 S	-3.44												

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 144.XX PCT											
<u>Sulfur</u>											
324	16.01	1.35									
296	15.91	1.08									
027	15.88	.98									
057	15.80	.84									
043	15.78	.71									
102	15.78	.71									
423	15.78	.70									
055	15.72	.67									
029	15.74	.62									
040	15.75	.60									
360	15.70	.49									
450	15.66	.45									
114	15.66	.37									
233	15.65	.33									
177	15.64	.29									
361	15.62	.24									
354	15.54	.20									
372	15.59	.18									
351	15.54	.13									
095	15.57	.12									
Avg	15.53										
193	15.51	-.12									
444	15.46	-.30									
291	15.47	-.33									
137	15.42	-.33									
106	15.38	-.45									
028	15.29	-.70									
009	15.45 R	-.73									
131	15.13	-1.13									
157	15.03 R	-1.57									
232	14.91	-1.76									
422	14.84	-1.97									
255	14.31	-3.45									
023	14.17 A	-3.85									
292	13.93 s	-4.53									
035	13.45 s	-5.88									
Meth: 151.00 PPM											
<u>Arsenic</u>											
136	3.06	.71									
Meth: 151.30 PPM											
<u>Arsenic</u>											
233	5.12	1.52									
450	4.00	.53									
Avg	3.40										
096	3.05	-.34									
102	2.81	-.52									
065	2.02 X	-1.24									
106	2.00 R	-1.51									
Meth: 151.XX PPM											
<u>Arsenic</u>											
233	5.12	1.72									
450	4.00	.63									
Avg	3.34										
136	3.06	-.27									
096	3.05	-.32									
102	2.81	-.51									
065	2.02 X	-1.30									
106	2.00 R	-1.62									
Meth: 165.00 PCT											
<u>Acid Soluble Boron</u>											
428	0.050 s	6.22									
137	0.030	1.60									
057	0.025	.76									
029	0.025	.47									
028	0.025	.44									
Avg	0.023										
055	0.023	-.19									
023	0.023	-.24									
296	0.020	-.73									
037	0.016	-1.82									
Meth: 165.99 PCT											
<u>Acid Soluble Boron</u>											
Other											
231	0.215 s	33.92									
354	0.048 s	4.70									
426	0.032	1.46									
433	0.031	1.31									
422	0.030	1.09									
009	0.029	.97									
106	0.025 R	.93									
360	0.025	.29									
255	0.024	.21									
Avg	0.023										
324	0.023	-.05									
040	0.021	-.38									
423	0.020	-.60									
432	0.020	-.60									
444	0.020	-.69									
232	0.019	-.79									
043	0.012	-2.10									
Meth: 165.XX PCT											
<u>Acid Soluble Boron</u>											
027	0.023	.87									
Avg	0.017										
432	0.010	-.87									
Meth: 171.10 PCT											
<u>Water Soluble Boron</u>											
296	0.020	.00									
Meth: 171.99 PCT											
<u>Water Soluble Boron</u>											
Other											
027	0.023	.87									
Avg	0.017										
432	0.010	-.87									
Meth: 171.XX PCT											
<u>Water Soluble Boron</u>											
027	0.023	.88									
296	0.020	.38									
Avg	0.018										
432	0.010	-1.26									
Meth: 181.00 PPM											
<u>Cadmium</u>											
193	1.13	.71									
136	0.65	-.71									
Meth: 181.30 PPM											
<u>Acid Soluble Boron</u>											
023	0.023	-.20									
040	0.021	-.38									
432	0.020	-.62									
296	0.020	-.62									
423	0.020	-.62									
444	0.020	-.72									
232	0.019	-.83									
037	0.016	-1.51									
043	0.012	-2.26									
Meth: 181.99 PPM											
<u>Cadmium</u>											
Other											
136	0.65	.71									
Meth: 181.XX PPM											
<u>Cadmium</u>											
450	57.00 s	355.27									
096	1.20 R	1.72									
232	1.15	1.27									
035	1.16	.90									
193	1.13	.72									
324	1.10	.52									
037	1.08	.47									
Avg	1.02										
102	1.01	-.06									
106	1.00	-.12									
009	0.96	-.43									
065	0.95	-.57									
136	0.65	-2.36									
Meth: 190.00 PCT											
<u>Water Soluble Chlori</u>											
<u>Titrimetric</u>											
422	5.20	.71									
450	57.00 s	553.11									

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 190.99 PCT														
Water Soluble Chlori														
Other														
009	4.97	.71												
Meth: 202.99 PPM														
Acid Soluble Cobalt														
Other														
136	10.50	.71												
Meth: 202.99 PPM														
Acid Soluble Cobalt														
065	11.33	1.00												
009	11.25	.97												
057	10.85	.82												
136	10.50	.71												
037	10.08	.55												
035	9.88	.46												
423	9.65	.38												
Avg	8.60													
106	7.50	-.44												
065	38.96	.50												
102	4.75	-1.39												
106	38.50	.31												
450	38.00	.13												
Avg	37.52													
Meth: 221.00 PCT														
Acid Soluble Copper														
Other														
262	0.0100	1.84												
Avg	0.0070													
043	0.0067	-.25												
095	0.0066	-.32												
428	0.0060	-.67												
028	0.0060	-.71												
029	0.0054	-1.33												
Meth: 221.00 PCT														
Acid Soluble Copper														
022	0.0100	2.01												
106	0.0100	2.01												
262	0.0100	2.01												
292	0.0100	2.01												
Avg	0.0094	1.78												
Meth: 221.30 PCT														
Acid Soluble Copper														
ICP														
022	0.0100	1.97												
106	0.0100	1.97												
292	0.0100	1.97												
065	0.0094	1.74												
433	0.0088	1.14												
354	0.0075	.45												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												
Meth: 221.30 PCT														
Acid Soluble Cobalt														
ICP														
065	11.33	1.04												
009	11.25	1.01												
057	10.85	.87												
037	10.08	.60												
035	9.88	.52												
423	9.65	.44												
Avg	8.41													
106	7.50	-.37												
102	4.75	-1.29												
232	4.40	-1.42												
324	4.40	-1.42												

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 241.XX PCT														
<u>Acid Soluble Iron</u>														
432	0.37 s	4.21	095	0.24	-1.24	137	0.120	1.99	426	0.103	.12	360	0.112	1.17
354	0.33 R	2.58	136	0.23	-1.67	262	0.110	.97	Avg	0.103		423	0.112	1.07
137	0.31	1.84	193	0.22	-2.33	043	0.107	.76	420	0.101	-.34	037	0.108	.94
422	0.31	1.64	402	0.21	-2.36	028	0.103	.45	422	0.100	-.38	262	0.110	.90
324	0.30	1.35	428	0.14 s	-5.48	Avg	0.101		027	0.100	-.42	324	0.104	.73
106	0.30	1.35	Meth: 251.30 PPM											
029	0.30	1.32	Lead											
426	0.30	1.16	ICP											
433	0.29	1.01	065	7.00	1.28	296	0.095	-.77	096	0.095	-.98	049	0.105	.65
102	0.29	.88	450	7.00	.86	177	0.092	-.94	233	0.097	-1.03	106	0.105	.65
055	0.28	.56	324	6.55	.80	193	0.092	-1.00	232	0.094	-1.30	065	0.107	.60
131	0.28	.52	106	6.50	.72	055	0.098 R	-1.03	292	0.090	-1.59	131	0.107	.55
262	0.28	.49	009	6.55	.24	095	0.090	-1.09	432	0.090	-1.59	102	0.107	.55
233	0.28	.38	Avg											
360	0.28	.36	102	5.65	-1.11	Meth: 261.11 PCT								
231	0.28	.35	035	5.46	-1.30	<u>Acid Soluble Manganese</u>								
096	0.28	.35	029	0.114	.79	ICP								
057	0.28	.34	Avg											
035	0.28	.32	040	0.099	-.94	Meth: 261.31 PCT								
009	0.27	.28	Lead											
040	0.27	.22	Other											
043	0.27	.13	136	6.50	.71	<u>Acid Soluble Manganese</u>								
420	0.27	.13	Meth: 261.30 PCT											
423	0.27	.11	ICP											
041	0.27	.06	009	5.106 s	870.85	009	0.108	1.23	037	0.108	1.23	023	0.099	-.68
Avg	0.27		065	7.00	1.31	354	0.106 R	1.57	Avg	0.094		096	0.095	-.72
028	0.27	-.08	450	7.00	.87	433	0.116	1.55	444	0.091	-.23	233	0.097	-.81
351	0.27	-.10	324	6.55	.82	022	0.110	1.51	255	0.082	-.97	296	0.095	-.90
444	0.26	-.37	106	6.50	.74	041	0.110	1.51	402	0.053 S	-3.26	232	0.094	-1.03
177	0.26	-.42	136	6.50	.74	360	0.112	1.20	Meth: 261.XX PCT					
027	0.26	-.52	009	6.55	.23	423	0.112	1.06	<u>Acid Soluble Manganese</u>					
023	0.26	-.53	Avg											
255	0.26	-.54	102	5.65	-1.17	324	0.104	.80	009	5.106 s	764.49	193	0.091	-1.15
049	0.27 R	-.67	035	5.46	-1.36	057	0.107	.70	231	0.980 s	94.94	292	0.090	-1.26
296	0.25	-.90	029	0.114	1.32	106	0.105	.67	137	0.120	1.98	095	0.090	-1.26
232	0.24	-1.04	049	0.105	.67	049	0.105	.67	433	0.116	1.50	432	0.090	-1.26
065	0.24	-1.09	065	0.107	.54	131	0.107	.48	354	0.106 R	1.41	255	0.082	-2.13
292	0.24	-1.24	102	0.107	.48	102	0.107	.48	022	0.110	1.41	402	0.053 s	-5.26

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 281.99 PPM											
Mercury											
Other											
009	0.01	.71									
Meth: 289.30 PPM											
Molybdenum											
ICP											
106	5.50	1.96									
035	4.89	.67									
037	4.68	.43									
057	4.60	.38									
232	4.70	.36									
433	4.59	.13									
Meth: 311.99 PCT											
Sodium											
Other											
Avg	0.25										
102	0.24	-.36									
057	0.23	-.40									
009	0.23	-.53									
423	0.23	-.61									
232	0.22	-.83									
Meth: 321.30 PCT											
Acid Soluble Zinc											
ICP											
420	0.064	.48									
233	0.062	.33									
023	0.063	.32									
037	0.063	.32									
131	0.063	.15									
Avg	0.062										
423	0.062	-.15									
360	0.061	-.31									
009	0.061	-.32									
292	0.060	-.44									
022	0.060	-.44									
035	0.060	-.47									
231	0.060	-.56									
065	0.060	-.72									
255	0.058	-.81									
324	0.056	-1.29									
027	0.056	-1.33									
232	0.056	-1.33									
422	0.036 s	-5.92									
Meth: 321.99 PCT											
Acid Soluble Zinc											
Other											
444	0.064	.87									
Avg	0.061										
402	0.059	-.87									
Meth: 321.99 PCT											
Acid Soluble Zinc											
ICP											
432	0.190 s	28.69									
426	0.096 s	7.62									
450	0.086 S	5.44									
106	0.075 R	3.12									
049	0.070 R	2.87									
433	0.073	2.38									
354	0.069 R	2.06									
041	0.070	1.80									
102	0.070	1.71									
057	0.065	.76									
Meth: 321.30 PCT											
Acid Soluble Zinc											
ICP											
432	0.190 s	28.69									
426	0.096 s	7.62									
450	0.086 S	5.44									
106	0.075 R	3.12									
049	0.070 R	2.87									
433	0.073	2.38									
354	0.069 R	2.06									
041	0.070	1.80									
102	0.070	1.71									
057	0.065	.76									
Meth: 321.99 PCT											
Sodium											
Other											
422	0.34	2.12									
035	0.28	.61									

* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
001.10	2	0.00	1.22	0.05	101.XX	18	1.98	10.98	0.37
001.99	3	0.00	1.12	0.03	121.00	14	- 0.68	2.75	0.15
001.XX	5	0.00	1.06	0.03	121.30	30	0.24	2.66	1.45
009.10	3	0.00	0.25	0.89	121.XX	44	- 0.07	2.72	1.18
009.XX	3	0.00	0.25	0.89	131.30	3	0.00	1.11	0.09
010.11	6	- 1.92	3.35	0.13	131.XX	4	0.00	1.08	0.03
010.12	2	0.00	1.21	0.12	144.01	18	- 0.17	1.17	0.42
010.60	55	0.06	1.26	0.28	144.99	16	- 0.20	1.28	0.17
010.99	6	- 0.92	2.44	0.18	144.XX	35	- 0.45	1.65	0.25
010.XX	67	- 0.33	1.94	0.30	151.30	6	- 0.21	1.07	0.38
020.10	6	0.00	1.01	0.27	151.XX	7	- 0.19	1.07	0.38
020.20	17	- 0.28	1.69	0.28	165.00	9	0.686	2.253	0.387
020.40	2	0.00	0.69	0.72	165.99	16	2.409	8.518	0.553
020.50	8	0.52	1.74	0.30	165.XX	25	1.894	7.472	0.518
020.99	2	0.00	1.22	0.01	171.99	2	0.000	1.225	0.000
020.XX	34	- 0.09	1.77	0.31	171.XX	3	0.000	1.118	0.000
030.XX	3	0.00	1.12	0.03	181.30	10	55.46	174.86	0.82
040.50	2	0.00	1.17	0.25	181.XX	12	29.70	102.53	0.49
040.XX	5	0.00	1.06	0.08	190.XX	2	0.00	1.10	0.39
041.10	19	0.00	0.93	0.42	191.30	10	0.00	1.01	0.16
041.20	3	- 20.77	141.82	1.69	191.XX	10	0.00	1.01	0.16
041.40	5	0.00	1.05	0.15	202.30	10	0.00	1.02	0.11
041.50	12	0.00	0.88	0.50	202.XX	11	0.00	1.02	0.12
041.60	11	- 0.01	0.95	0.48	221.00	6	- 0.168	1.0236	0.3781
041.XX	41	- 0.25	2.43	0.50	221.30	21	0.0082	1.0513	0.2897
048.20	3	0.00	1.11	0.12	221.XX	28	- 0.030	1.0395	0.3159
048.XX	3	0.00	1.11	0.12	241.00	14	- 0.21	1.78	0.17
050.00	19	- 0.08	1.95	0.68	241.30	26	0.28	1.45	0.33
050.30	12	0.22	1.18	0.16	241.99	2	0.00	1.22	0.11
050.31	2	0.00	1.22	0.07	241.XX	42	0.02	1.48	0.23
050.50	6	0.00	1.04	0.14	251.30	7	0.00	0.85	0.56
050.51	13	0.00	0.98	0.26	251.XX	8	0.00	0.81	0.60
050.60	5	0.00	0.99	0.33	261.00	11	- 0.029	0.936	0.402
050.61	11	0.42	1.69	0.54	261.11	2	0.000	1.102	0.378
050.99	12	9.73	32.61	32.73	261.30	25	24.654	123.20	123.11
050.XX	72	0.88	7.60	12.85	261.99	4	- 0.814	1.834	0.302
060.00	4	0.00	1.06	0.20	261.XX	43	14.673	83.428	82.397
060.XX	5	0.00	1.05	0.15	289.30	10	- 0.11	0.96	0.60
101.30	17	2.01	10.87	0.37	289.XX	10	- 0.11	0.96	0.60

Method Evaluation - Z Values Based on 1 Reports

Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs	Method Code	Number Of Labs	Avg Bias of Labs	Std Dev of Biases	Std Dev Within Labs
291.30	10	0.00	0.97	0.33					
291.XX	10	0.00	0.97	0.33					
311.99	7	0.00	1.04	0.07					
311.XX	7	0.00	1.04	0.07					
321.00	12	0.986	2.496	0.642					
321.30	28	1.494	5.807	0.743					
321.99	2	0.000	1.201	0.170					
321.XX	41	0.988	4.557	0.624					