

- Pass 1 Results for 79 Labs - - Pass 2 Results for 79 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	3	0.71	0.21	0.04	3	0.71	0.21	0.04
Ammoniacal Nitrogen, Other .....		001.99	3	2.33	2.99	0.00	3	2.33	2.99	0.00
Method Group 001.XX PCT			6	1.52	2.19	0.02	5	1.66	2.40	0.01
Water Insoluble Nitrogen, Meth I .....	945.01	003.10	6	5.04	0.25	0.09	6	5.04	0.25	0.09
Water Insoluble Nitrogen, Other .....		003.99	2	5.22	0.10	0.14	2	5.22	0.10	0.14
Method Group 003.XX PCT			8	5.09	0.23	0.11	8	5.09	0.23	0.11
Ammon & Nitrate N, Devarda .....	892.01	009.10	1	0.79	0.01	0.01	1	0.79	0.01	0.01
Total Nitrogen, Modified Comprehensive	978.02	010.11	5	6.18	0.10	0.03	5	6.18	0.10	0.03
Total Nitrogen, Salicylic .....	955.04D	010.12	7	6.19	0.24	0.05	7	6.19	0.24	0.05
Total Nitrogen, Combustion .....		010.60	51	6.33	0.11	0.06	48	6.32	0.10	0.04
Total Nitrogen, Other .....		010.99	5	6.23	0.33	0.10	5	6.23	0.33	0.10
Method Group 010.XX PCT			69	6.30	0.16	0.06	64	6.30	0.15	0.05
Total Phosphate, Grav Quimociac .....	962.02	020.10	7	3.41	0.56	0.08	7	3.41	0.56	0.08
Total Phosphate, Spectrometric .....	958.01	020.20	12	3.48	0.36	0.08	11	3.51	0.35	0.06
Total Phosphate, Automated .....	978.01	020.40	6	3.31	0.53	0.26	6	3.31	0.53	0.26
Total Phosphate, ICP .....		020.50	14	3.97	0.33	0.10	13	3.94	0.31	0.07
Total Phosphate, Other .....		020.99	6	3.51	0.43	0.06	5	3.53	0.47	0.03
Method Group 020.XX PCT			46	3.63	0.51	0.11	43	3.64	0.49	0.08
Insoluble Phosphate, Automated .....	978.01	030.40	1	0.49	0.01	0.02	1	0.49	0.01	0.02
InDir Available Phosphate, Spectrometri	960.02	040.20	1	3.48	0.04	0.05	1	3.48	0.04	0.05
InDir Available Phosphate, Automated ..	960.02	040.40	1	3.48	0.07	0.10	1	3.48	0.07	0.10
InDir Available Phosphate, ICP .....		040.50	1	3.71	0.01	0.01	1	3.71	0.01	0.01
Method Group 040.XX PCT			3	3.55	0.12	0.05	3	3.55	0.12	0.05
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	11	2.91	0.34	0.07	10	2.92	0.35	0.03
Dir Available Phosphate, Spectrometric	960.03D	041.20	2	3.62	0.27	0.10	2	3.62	0.27	0.10
Dir Available Phosphate, Automated ....	978.01	041.40	3	2.61	0.20	0.15	3	2.61	0.20	0.15
Dir Available Phosphate, ICP .....		041.50	11	3.46	0.30	0.08	10	3.44	0.30	0.06
Dir Available Phosphate, EDTA Extract .	993.01	041.60	8	2.91	0.16	0.09	8	2.91	0.16	0.09
Dir Available Phosphate, Other .....		041.99	1	2.88	0.04	0.06	1	2.88	0.04	0.06
Method Group 041.XX PCT			37	3.07	0.43	0.09	36	3.08	0.43	0.08
Water Soluble Phosphate, Spectrometric	970.01	048.20	1	0.31	0.01	0.01	1	0.31	0.01	0.01
Soluble Potash, STPB Oxalate .....	958.02	050.00	1	0.00	0.00	0.00	1	0.00	0.00	0.00
Soluble Potash, AA (Oxalate) .....		050.30	1	0.25	0.04	0.05	1	0.25	0.04	0.05
Soluble Potash, ICP (Oxalate) .....		050.50	3	0.28	0.03	0.04	3	0.28	0.03	0.04
Soluble Potash, ICP (Citrate) .....		050.51	3	0.20	0.16	0.01	3	0.20	0.16	0.01
Soluble Potash, Flame (Oxalate) .....	983.02(a)	050.60	2	0.21	0.01	0.01	2	0.21	0.01	0.01
Soluble Potash, Flame (Citrate) .....	983.02(b)	050.61	1	0.35	0.03	0.04	1	0.35	0.03	0.04
Soluble Potash, Other .....		050.99	5	0.21	0.08	0.01	5	0.21	0.08	0.01
Method Group 050.XX PCT			16	0.22	0.10	0.02	15	0.22	0.11	0.01

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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
Free Water, Vacuum Oven .....	965.08B	060.00	3	4.54	0.86	0.06	3	4.54	0.86	0.06
Free Water, Other .....		060.99	1	6.85	0.07	0.10	1	6.85	0.07	0.10
Method Group 060.XX PCT			4	5.12	1.29	0.07	4	5.12	1.29	0.07
Acid Soluble Calcium, AA .....	945.04	101.00	3	1.94	0.28	0.06	3	1.94	0.28	0.06
Acid Soluble Calcium, ICP .....		101.30	12	2.13	0.21	0.06	12	2.13	0.21	0.06
Acid Soluble Calcium, Other .....		101.99	1	2.13	0.18	0.25	1	2.13	0.18	0.25
Method Group 101.XX PCT			16	2.10	0.23	0.07	15	2.09	0.23	0.06
Acid Soluble Magnesium, AA .....	984.01	121.00	3	0.30	0.04	0.00	3	0.30	0.04	0.00
Acid Soluble Magnesium, ICP .....		121.30	11	0.30	0.03	0.01	11	0.30	0.03	0.01
Acid Soluble Magnesium, Other .....		121.99	1	0.25	0.00	0.01	1	0.25	0.00	0.01
Method Group 121.XX PCT			15	0.30	0.04	0.01	15	0.30	0.04	0.01
Sulfur, Gravimetric .....	980.02b	144.02	1	0.92	0.02	0.03	1	0.92	0.02	0.03
Sulfur, Other .....		144.99	8	0.76	0.15	0.04	8	0.76	0.15	0.04
Method Group 144.XX PCT			9	0.78	0.15	0.04	9	0.78	0.15	0.04
Arsenic, Atomic Absorption .....		151.00	2	2.24	0.27	0.27	2	2.24	0.27	0.27
Arsenic, ICP .....		151.30	6	2.33	1.63	0.22	6	2.33	1.63	0.22
Arsenic, Other .....		151.99	1	3.05	0.07	0.10	1	3.05	0.07	0.10
Method Group 151.XX PPM			9	2.39	1.34	0.22	9	2.39	1.34	0.22
Acid Soluble Boron, Other .....		165.99	1	0.012	0.002	0.003	1	0.012	0.002	0.003
Cadmium, Atomic Absorption .....		181.00	2	0.62	0.16	0.06	2	0.62	0.16	0.06
Cadmium, ICP .....		181.30	4	0.61	0.06	0.03	4	0.61	0.06	0.03
Cadmium, Other .....		181.99	2	0.49	0.01	0.02	2	0.49	0.01	0.02
Method Group 181.XX PPM			8	0.58	0.10	0.03	8	0.58	0.10	0.03
Chromium, Atomic Absorption .....		191.00	1	31.75	1.06	1.50	1	31.75	1.06	1.50
Chromium, ICP .....		191.30	7	44.96	10.07	1.18	7	44.96	10.07	1.18
Chromium, Other .....		191.99	1	36.40	2.55	3.60	1	36.40	2.55	3.60
Method Group 191.XX PPM			9	42.54	10.05	1.49	9	42.54	10.05	1.49
Acid Soluble Cobalt, AA .....		202.00	1	10.00	0.00	0.00	1	10.00	0.00	0.00
Acid Soluble Cobalt, ICP .....	965.11	202.30	9	11.07	3.71	0.31	9	11.07	3.71	0.31
Acid Soluble Cobalt, Other .....		202.99	1	6.60	0.00	0.00	1	6.60	0.00	0.00
Method Group 202.XX PPM			11	10.57	3.59	0.25	11	10.57	3.59	0.25
Acid Soluble Copper, Atomic Absorption	975.01	221.00	5	0.0198	0.0008	0.0005	5	0.0198	0.0008	0.0005
Acid Soluble Copper, ICP .....		221.30	18	0.0217	0.0018	0.0005	17	0.0216	0.0017	0.0004
Acid Soluble Copper, Other .....		221.99	3	0.0203	0.0011	0.0013	3	0.0203	0.0011	0.0013
Method Group 221.XX PCT			26	0.0212	0.0017	0.0006	26	0.0212	0.0017	0.0006
Acid Soluble Iron, Atomic Absorption ..	980.01	241.00	3	0.63	0.01	0.02	3	0.63	0.01	0.02
Acid Soluble Iron, ICP .....		241.30	11	0.62	0.09	0.02	11	0.62	0.09	0.02
Acid Soluble Iron, Other .....		241.99	1	0.63	0.02	0.02	1	0.63	0.02	0.02
Method Group 241.XX PCT			15	0.62	0.07	0.02	15	0.62	0.07	0.02

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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
Lead, Atomic Absorption		251.00	3	20.16	10.09	0.38	3	20.16	10.09	0.38
Lead, ICP		251.30	8	32.12	3.20	1.54	8	32.12	3.20	1.54
Lead, Other		251.99	2	14.33	12.70	1.45	2	14.33	12.70	1.45
Method Group 251.XX PPM			14	25.89	9.96	1.18	13	24.95	9.70	0.97
Acid Soluble Manganese, AA	972.02a	261.00	1	0.016	0.000	0.000	1	0.016	0.000	0.000
Acid Soluble Manganese, AA	972.02b	261.11	1	0.016	0.000	0.000	1	0.016	0.000	0.000
Acid Soluble Manganese, ICP	972.02a	261.30	10	0.018	0.002	0.000	10	0.018	0.002	0.000
Acid Soluble Manganese, Other		261.99	1	0.017	0.000	0.000	1	0.017	0.000	0.000
Method Group 261.XX PCT			13	0.017	0.002	0.000	12	0.017	0.002	0.000
Mercury, Atomic Absorption		281.00	1	0.37	0.06	0.09	1	0.37	0.06	0.09
Mercury, Other		281.99	1	0.09	0.01	0.02	1	0.09	0.01	0.02
Method Group 281.XX PPM			2	0.23	0.16	0.05	2	0.23	0.16	0.05
Molybdenum, Atomic Absorption		289.00	1	10.80	0.28	0.40	1	10.80	0.28	0.40
Molybdenum, ICP		289.30	7	9.98	0.84	0.29	7	9.98	0.84	0.29
Molybdenum, Other		289.99	1	8.80	0.57	0.80	1	8.80	0.57	0.80
Method Group 289.XX PPM			9	9.94	0.89	0.36	9	9.94	0.89	0.36
Nickel, Atomic Absorption		291.00	3	48.85	1.97	1.90	3	48.85	1.97	1.90
Nickel, ICP		291.30	7	45.55	3.14	0.64	7	45.55	3.14	0.64
Nickel, Other		291.99	1	39.50	2.97	4.20	1	39.50	2.97	4.20
Method Group 291.XX PPM			11	45.90	3.73	1.31	11	45.90	3.73	1.31
Selenium, ICP		301.30	3	2.40	1.97	0.79	3	2.40	1.97	0.79
Selenium, Other		301.99	1	3.55	0.07	0.10	1	3.55	0.07	0.10
Method Group 301.XX PPM			4	2.69	1.75	0.62	4	2.69	1.75	0.62
Sodium, Flame Photometric	974.01	311.30	2	0.10	0.00	0.00	2	0.10	0.00	0.00
Sodium, Other		311.99	6	0.10	0.02	0.00	5	0.10	0.02	0.00
Method Group 311.XX PCT			8	0.10	0.02	0.00	7	0.10	0.01	0.00
Acid Soluble Zinc, Atomic Absorption	975.02	321.00	6	0.042	0.002	0.001	6	0.042	0.002	0.001
Acid Soluble Zinc, ICP		321.30	19	0.040	0.004	0.001	18	0.040	0.003	0.001
Acid Soluble Zinc, Other		321.99	3	0.037	0.003	0.001	3	0.037	0.003	0.001
Method Group 321.XX PCT			28	0.040	0.003	0.001	27	0.040	0.003	0.001

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
<u>Meth: 001.10 PCT</u>			<u>Meth: 003.99 PCT</u>			<u>Meth: 010.12 PCT</u>			<u>Meth: 010.60 PCT</u>			<u>Meth: 010.99 PCT</u>		
Ammoniacal Nitrogen			Water Insoluble Nitr			Total Nitrogen			Total Nitrogen			Total Nitrogen		
<u>MgO Distillation</u>			<u>Other</u>			<u>Salicylic</u>			<u>Combustion</u>			<u>Other</u>		
456	0.87	.77	027	5.23	1.20	416	6.66	1.95	377	6.36	.31	504	6.21	-.08
444	0.81	.53	Avg	5.22		185	6.27	.32	086	6.35	.27	460	6.00	-.71
Avg	0.71		486	5.22	-.26	397	6.24	.24	354	6.35	.27	506	5.82	-1.28
258	0.44	-1.27				504	6.24	.24	025	6.33	.21	487	5.35 S	-2.90
			<u>Meth: 003.XX PCT</u>			Avg			360	6.34	.18	500	5.00 S	-3.79
<u>Meth: 001.99 PCT</u>			<u>Water Insoluble Nitr</u>			498			390			<u>Meth: 010.XX PCT</u>		
Ammoniacal Nitrogen			027			211			Avg			Total Nitrogen		
<u>Other</u>			105			481			007			136		
114	6.20	1.29	486	5.22	.55	472	6.29	-.37	230	6.31	-.33	416	6.66	2.49
Avg	2.33		494	5.21	.52	307	6.29	-.38	472	6.29	-.37	493	6.65	2.40
500	0.50	-.61	090	5.19	.44	<u>Meth: 010.60 PCT</u>			234	6.28	-.45	042	6.54	1.76
510	0.30 X	-.68	504	5.10	.07	Total Nitrogen			452	6.28	-.49	451	6.51	1.55
			Avg	5.09		<u>Combustion</u>			037	6.31	-.52	351	6.51	1.41
<u>Meth: 001.XX PCT</u>			498	5.05	-.26	136	7.27 s	9.40	486	6.28	-.55	420	6.46 R	1.32
Ammoniacal Nitrogen			029	4.54	-2.38	042	6.54 R	2.36	405	6.28	-.55	444	6.43 R	1.25
114	6.20	1.89	230	1.72 s	-14.42	451	6.51	2.05	023	6.25	-.74	482	6.47	1.16
Avg	1.66					351	6.51	1.82	368	6.25	-.74	095	6.47	1.12
456	0.87	-.33	<u>Meth: 009.10 PCT</u>			444	6.43 R	1.67	291	6.25	-.79	034	6.43	.99
444	0.81 R	-.35	Ammon & Nitrate N			482	6.47	1.46	043	6.25	-.80	102	6.40 R	.96
500	0.50	-.48	<u>Devarda</u>			095	6.47	1.40	117	6.24	-.84	049	6.43	.85
258	0.44	-.51	444	0.79	.71	102	6.40 R	1.26	035	6.25	-.86	073	6.43	.85
510	0.30 X	-.57				034	6.43	1.25	494	6.23	-.98	406	6.43	.85
			<u>Meth: 010.11 PCT</u>			049	6.43	1.00	041	6.20 X	-1.36	055	6.40	.72
<u>Meth: 003.10 PCT</u>			Total Nitrogen			073	6.43	1.00	162	6.18	-1.66	040	6.40	.68
Water Insoluble Nitr			<u>Modified Comprehensi</u>			406	6.43	1.00	402	6.15	-1.78	325	6.40	.68
<u>Meth I</u>			105	6.29	1.09	055	6.40	.81	443	6.10	-2.23	096	6.39	.65
105	5.17	.67	027	6.29	1.08	325	6.40	.75	072	6.25 s	-2.59	157	6.39	.61
494	5.21	.67	Avg	6.18		040	6.40	.75	275	6.07	-2.60	177	6.38	.52
090	5.19	.59	090	6.14	-.42	096	6.39	.75	489	5.45 s	-8.74	029	6.34	.51
504	5.10	.22	455	6.14	-.50	157	6.39	.66				292	6.38	.51
498	5.05	.20	456	6.06	-1.32	029	6.34	.64	<u>Meth: 010.99 PCT</u>			324	6.35	.48
Avg	5.04		470	5.52 S	-6.83	105	6.35	.56	Total Nitrogen			105	6.35	.48
029	4.54	-2.04	510	5.40 S	-8.07	324	6.35	.56	<u>Other</u>			483	6.37	.48
230	1.72 s	-13.25				177	6.38	.54	493	6.65	1.31	231	6.37	.45
						292	6.38	.51	420	6.46	.80	070	6.37	.44
						483	6.37	.46	Avg	6.23		377	6.36	.37
						231	6.37	.43						
						070	6.37	.41						

\* 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			Meth: 010.XX PCT			Meth: 020.20 PCT			Meth: 020.99 PCT			Meth: 020.XX PCT		
<u>Total Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>		
037	6.31	.35	460	6.00	-2.07	<u>Spectrometric</u>			<u>Other</u>			455	3.40	-.55
354	6.35	.34	211	5.98	-2.19	481	2.98	-1.51	Avg	3.53		177	3.30	-.70
086	6.35	.34	481	5.95	-2.42	Meth: 020.40 PCT			500	3.38	-.33	470	3.29	-.72
360	6.34	.26	506	5.82 A	-3.31	<u>Total Phosphate</u>			455	3.40 R	-.36	489	3.28	-.74
025	6.33	.24	470	5.52 s	-5.29	<u>Automated</u>			416	3.13	-.86	292	3.18	-.95
230	6.31	.21	489	5.45 s	-5.80	096	3.97	1.25	443	3.04	-1.06	506	3.17	-.97
390	6.32	.20	510	5.40 s	-6.11	105	3.91	1.14	Meth: 020.XX PCT			322	3.16	-.98
Avg	6.30		487	5.35 s	-6.87	Avg	3.31		<u>Total Phosphate</u>			090	3.16	-.98
007	6.30	.00	500	5.00 s	-8.86	042	3.09	-.43	510	4.85	2.46	416	3.13	-1.05
307	6.29	-.10	Meth: 020.10 PCT			035	3.26	-.77	483	4.53	1.80	420	3.15	-1.05
472	6.29	-.11	<u>Total Phosphate</u>			456	2.88	-.82	157	4.42	1.58	042	3.09	-1.14
027	6.29	-.11	<u>Grav Quimociac</u>			027	2.77	-1.09	157	4.39	1.52	035	3.26 R	-1.14
105	6.29	-.15	157	4.42	1.79	Meth: 020.50 PCT			390	4.34 R	1.49	443	3.04	-1.24
234	6.28	-.15	105	3.98	1.02	<u>Total Phosphate</u>			368	4.09	.94	481	2.98	-1.35
452	6.28	-.17	Avg	3.41		<u>ICP</u>			451	4.10	.94	456	2.88	-1.55
185	6.27	-.21	470	3.29	-.22	483	4.53	1.86	487	4.10	.93	027	2.77 R	-1.82
405	6.28	-.24	322	3.16	-.44	390	4.34 R	1.45	234	4.06	.87	211	2.71	-1.91
486	6.28	-.24	090	3.16	-.45	157	4.39	1.43	324	4.00	.75	Meth: 030.40 PCT		
368	6.25	-.34	049	3.17	-.47	368	4.09	.59	444	4.01	.74	Insoluble Phosphate		
023	6.25	-.35	211	2.71	-1.26	451	4.10	.52	460	4.01	.74	<u>Automated</u>		
291	6.25	-.38	Meth: 020.20 PCT			234	4.06	.47	105	3.98	.71	096	0.49	.71
043	6.25	-.39	<u>Total Phosphate</u>			444	4.01	.22	096	3.97	.67	Meth: 040.20 PCT		
117	6.24	-.41	<u>Spectrometric</u>			Avg	3.94		231	3.94	.61	InDir Available Phos		
504	6.24	-.41	510	4.85 s	3.80	402	3.94	-.02	402	3.94	.60	<u>Spectrometri</u>		
397	6.24	-.41	324	4.00	1.40	307	3.90	-.15	105	3.91	.57	504	3.48	.71
035	6.25	-.44	169	3.92	1.16	231	3.94	-.18	169	3.92	.57	Meth: 040.40 PCT		
494	6.23	-.52	504	3.85	.95	482	3.75	-.67	307	3.90	.52	InDir Available Phos		
504	6.21	-.63	406	3.84	.92	025	3.59	-1.13	504	3.85	.41	<u>Automated</u>		
041	6.20 X	-.78	405	3.73	.63	291	3.53	-1.32	406	3.84	.39	096	3.48	.71
162	6.18	-.99	Avg	3.51		452	3.44	-1.61	482	3.75	.29	Meth: 040.50 PCT		
402	6.15	-1.05	258	3.40	-.34	Meth: 020.99 PCT			405	3.73	.20	InDir Available Phos		
090	6.14	-1.09	177	3.30	-.61	<u>Total Phosphate</u>			Avg	3.64		<u>ICP</u>		
455	6.14	-1.13	489	3.28	-.66	<u>Other</u>			025	3.59	-.12	096	3.48	.71
443	6.10	-1.36	292	3.18	-.95	487	4.10	1.22	291	3.53	-.24	Meth: 040.50 PCT		
275	6.07	-1.61	506	3.17	-.98	460	4.01	1.02	452	3.44	-.42	InDir Available Phos		
456	6.06	-1.65	420	3.15 R	-1.11				258	3.40	-.51	<u>ICP</u>		
072	6.25 R	-1.73							500	3.38	-.55	072	3.71	.71
498	6.00	-2.04												

\* 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: 040.XX PCT			Meth: 041.50 PCT			Meth: 041.XX PCT			Meth: 041.XX PCT			Meth: 050.60 PCT		
<u>InDir Available Phos</u>			<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>			<u>Dir Available Phosph</u>			<u>Soluble Potash</u>		
072	3.71	1.24	ICP			230	6.10 s	7.07	472	2.25	-1.95	<u>Flame (Oxalate)</u>		
Avg	3.55		023	3.84	1.29	498	3.85	1.81	Meth: 048.20 PCT			510	0.20	-.83
504	3.48	-.67	360	3.66	.72	023	3.84	1.78	Water Soluble Phosph			Meth: 050.61 PCT		
096	3.48	-.72	231	3.61 R	.70	040	3.70	1.46	<u>Spectrometric</u>			<u>Soluble Potash</u>		
Meth: 041.10 PCT			377	3.62	.59	360	3.66	1.37	096	0.31	.71	<u>Flame (Citrate)</u>		
<u>Dir Available Phosph</u>			486	3.61	.59	231	3.61	1.28	Meth: 050.00 PCT			105	0.35	.71
<u>Grav Quimociac</u>			007	3.55	.39	377	3.62	1.27	Soluble Potash			Meth: 050.99 PCT		
040	3.70	2.23	368	3.50	.27	486	3.61	1.26	<u>STPB Oxalate</u>			<u>Soluble Potash</u>		
105	3.30	1.06	Avg	3.44		007	3.55	1.12	072	0.00	.00	<u>Other</u>		
055	3.19	.76	354	3.42	-.07	368	3.50	1.00	Meth: 050.30 PCT			482	0.30	1.11
Avg	2.92		043	3.42	-.09	354	3.42	.81	Soluble Potash			504	0.28	.85
493	2.85	-.26	325	2.95	-1.62	043	3.42	.79	<u>AA (Oxalate)</u>			105	0.23	.16
041	2.81 X	-.38	055	2.85	-1.94	504	3.39	.74	185	0.25	.71	Avg	0.21	
485	2.75	-.50	Meth: 041.60 PCT			105	3.30	.51	Meth: 050.50 PCT			460	0.16	-.68
072	2.73	-.55	<u>Dir Available Phosph</u>			034	3.17	.38	Soluble Potash			325	0.10	-1.43
086	2.70	-.64	<u>EDTA Extract</u>			055	3.19	.27	<u>ICP (Oxalate)</u>			Meth: 050.XX PCT		
494	2.73 R	-.80	034	3.17	1.84	105	3.11	.15	292	0.30	1.38	<u>Soluble Potash</u>		
185	2.62	-.89	Avg	2.91		Avg	3.08		Avg	0.28		105	0.35	1.28
102	2.60	-.93	105	3.11	1.29	325	2.95	-.32	420	0.27	-.32	096	0.31	.84
Meth: 041.20 PCT			029	2.92	.05	029	2.92	-.38	354	0.27	-.71	292	0.30 R	.82
<u>Dir Available Phosph</u>			Avg	2.91		105	2.88	-.46	Meth: 050.51 PCT			377	0.30	.80
<u>Spectrometric</u>			043	2.87	-.31	043	2.87	-.50	Soluble Potash			482	0.30	.80
498	3.85	.87	037	2.87	-.61	037	2.87	-.52	<u>ICP (Citrate)</u>			504	0.28	.60
Avg	3.62		136	2.81	-.65	055	2.85	-.53	096	0.31	.66	354	0.27	.58
504	3.39	-.87	351	2.78	-.83	493	2.85	-.54	377	0.30	.63	420	0.27	.53
Meth: 041.40 PCT			397	2.76	-.94	494	2.82	-.63	Meth: 050.60 PCT			185	0.25	.36
<u>Dir Available Phosph</u>			472	2.25 s	-4.18	136	2.81	-.63	Soluble Potash			105	0.23	.10
<u>Automated</u>			Meth: 041.99 PCT			041	2.81 X	-.64	<u>Flame (Oxalate)</u>			105	0.23	.10
494	2.82	1.15	<u>Dir Available Phosph</u>			351	2.78	-.70	096	0.31	.66	Avg	0.22	
Avg	2.61		<u>Other</u>			397	2.76	-.74	377	0.30	.63	510	0.20	-.15
095	2.59	-.31	230	6.10 S	75.90	485	2.75	-.76	Meth: 050.60 PCT			460	0.16	-.53
027	2.43	-1.04	105	2.88	.71	072	2.73	-.80	Soluble Potash			325	0.10	-1.09
Meth: 041.40 PCT			Avg	2.88		086	2.70	-.88	<u>Flame (Oxalate)</u>			072	0.00	-2.03
<u>Dir Available Phosph</u>			<u>Other</u>			494	2.73 R	-.93	105	0.23	.90	072	0.00	-2.03
494	2.82	1.15	<u>Other</u>			185	2.62	-1.08	Avg	0.21				
Avg	2.61		<u>Other</u>			102	2.60	-1.11						
095	2.59	-.31	<u>Other</u>			095	2.59	-1.15						
027	2.43	-1.04	<u>Other</u>			027	2.43	-1.53						

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	
Meth: 060.00 PCT			Meth: 101.30 PCT			Meth: 121.00 PCT			Meth: 121.XX PCT			Meth: 144.XX PCT			
Free Water			Acid Soluble Calcium			Acid Soluble Magnesi			Acid Soluble Magnesi			Sulfur			
<u>Vacuum Oven</u>			<u>ICP</u>			<u>AA</u>									
096	5.64	1.28	086	2.02	-.51	105	0.26	-1.02	043	0.29	-.16	292	0.92	.93	
Avg	4.54		035	2.03	-.55				086	0.29	-.19	102	0.90	.79	
007	4.14	-.47	472	1.99	-.69	Meth: 121.30 PCT			035	0.29	-.20	086	0.87	.64	
416	3.84	-.81	482	1.96	-.95	Acid Soluble Magnesi			494	0.29	-.24	472	0.81	.28	
			102	1.81	-1.55	<u>ICP</u>			354	0.29	-.30	Avg	0.78		
						483			420	0.28	-.41	307	0.72	-.44	
Meth: 060.99 PCT			Meth: 101.99 PCT			096			482	0.27	-.98	482	0.77	-.48	
Free Water			Acid Soluble Calcium			041			105	0.26	-1.00	096	0.56	-1.46	
<u>Other</u>			<u>Other</u>			102			105	0.25	-1.23	354	0.53	-1.67	
510	6.85 X	.71	105	2.13	.71	Avg			472	0.24	-1.56				
						086						Meth: 151.00 PPM			
						035			Meth: 144.01 PCT			Arsenic			
Meth: 060.XX PCT			Meth: 101.XX PCT			0494			Sulfur			<u>Atomic Absorption</u>			
<u>Free Water</u>			<u>Acid Soluble Calcium</u>			354			<u>Gravimetric</u>			498			
510	6.85 X	1.34	483	2.58	2.09	420			114	12.66 S	.00	Avg	2.24		
096	5.64	.41	041	2.24 X	1.49	482						136	2.10	-.50	
Avg	5.12		307	2.21	.58	472			Meth: 144.02 PCT			Meth: 151.30 PPM			
007	4.14	-.76	105	2.13 R	.56				Sulfur			Arsenic			
416	3.84	-.98	420	2.19	.40				<u>Gravimetric</u>			<u>ICP</u>			
			105	2.17	.33	Meth: 121.70 PCT			292			368			
Meth: 101.00 PCT			105			2.15	Acid Soluble Magnesi			0.92			5.23		
Acid Soluble Calcium			494			.22	<u>Titrimetric</u>			.71			230		
<u>AA</u>			354			.19	510			Meth: 144.99 PCT			Avg		
105	2.17	.81	Avg	2.09					Sulfur			2.33			
504	2.07	.48	096	2.09	-.01	Meth: 121.99 PCT			0.93			096			
Avg	1.94		504	2.07	-.20	Acid Soluble Magnesi			1.19			102			
043	1.59	-1.27	086	2.02	-.30	<u>Other</u>			.91			481			
			035	2.03	-.35	105			.75			095			
			472	1.99	-.46	0.25			.48			1.00			
Meth: 101.30 PCT			482			-.72	Meth: 121.XX PCT			0.81			Meth: 151.99 PPM		
Acid Soluble Calcium			102			-1.23	Acid Soluble Magnesi			.37			Arsenic		
<u>ICP</u>			043			-2.17	<u>Acid Soluble Magnesi</u>			Avg			Other		
483	2.58	2.14				510			0.76			042			
041	2.44 X	1.48	Meth: 121.00 PCT			0.50 s			-0.33			3.05			
307	2.21	.50	Acid Soluble Magnesi			5.82			-1.34			.71			
420	2.19	.26	<u>AA</u>						-1.55			Meth: 151.XX PPM			
494	2.15	.07	504			1.26						<u>Arsenic</u>			
Avg	2.13		504	0.34	1.19	041			Meth: 144.XX PCT			368			
354	2.12	-.16	Avg	0.30		1.19			Sulfur			5.23			
096	2.09	-.20	043	0.29	-.20	.44			114			230			
						Avg			12.66 s			.74			
						0.30			0.93			042			
						0.30			1.08			3.05			

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
<u>Meth: 151.XX PPM</u>			<u>Meth: 181.XX PPM</u>			<u>Meth: 191.XX PPM</u>			<u>Meth: 202.XX PPM</u>			<u>Meth: 221.30 PCT</u>		
<u>Arsenic</u>			<u>Cadmium</u>			<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			<u>Acid Soluble Copper</u>		
Avg	2.39		035	1.21 s	9.61	096	64.45	2.18	482	15.40	1.34	<u>ICP</u>		
096	2.20	-.16	086	1.49 s	9.25	086	49.40	.70	086	14.46	1.08	027	0.0215	-.30
498	2.37	-.20	136	0.75	1.81	482	46.35	.38	494	14.07	.98	420	0.0207	-.52
136	2.10	-.21	102	0.67	.92	035	45.60	.30	095	14.00	.96	086	0.0204	-.71
102	1.08	-.98	481	0.65	.67	Avg	42.54		035	11.65	.30	035	0.0201	-.92
481	1.08	-.98	Avg	0.58		102	40.41	-.22	096	11.09	.16	095	0.0200	-.93
095	1.00	-1.04	230	0.55	-.28	042	36.40	-.64	Avg	10.57		482	0.0200	-.93
<u>Meth: 165.99 PCT</u>			444	0.55	-.44	230	35.55	-.70	506	10.00	-.16	494	0.0198	-1.09
<u>Acid Soluble Boron</u>			487	0.50	-.81	368	32.95	-.96	230	7.20	-.94	230	0.0192	-1.41
<u>Other</u>			042	0.49	-.98	506	31.75	-1.08	042	6.60	-1.10	<u>Meth: 221.99 PCT</u>		
354	0.012	.71	498	0.48	-1.02	<u>Meth: 202.00 PPM</u>			102	6.12	-1.24	<u>Acid Soluble Copper</u>		
<u>Meth: 181.00 PPM</u>			095	0.00 s	-5.92	<u>Acid Soluble Cobalt</u>			368	5.68	-1.36	<u>Other</u>		
<u>Cadmium</u>			<u>Meth: 191.00 PPM</u>			<u>AA</u>			<u>Meth: 221.00 PCT</u>			<u>Acid Soluble Copper</u>		
<u>Atomic Absorption</u>			<u>Chromium</u>			<u>506 10.00 .00</u>			<u>Acid Soluble Copper</u>			<u>Atomic Absorption</u>		
136	0.75	.89	<u>Atomic Absorption</u>			<u>Meth: 202.30 PPM</u>			<u>498 0.0210 1.50</u>			<u>487 0.0197 -1.00</u>		
Avg	0.62		<u>506 31.75 .71</u>			<u>Acid Soluble Cobalt</u>			<u>105 0.0199 .44</u>			<u>Meth: 221.XX PCT</u>		
498	0.48	-.84	<u>Meth: 191.30 PPM</u>			<u>ICP</u>			<u>Avg 0.0198</u>			<u>Acid Soluble Copper</u>		
<u>Meth: 181.30 PPM</u>			<u>Chromium</u>			<u>482 15.40 1.17</u>			<u>043 0.0198 -.25</u>			<u>102 0.0250 2.19</u>		
<u>Cadmium</u>			<u>ICP</u>			<u>086 14.46 .91</u>			<u>481 0.0195 -.73</u>			<u>444 0.0243 1.87</u>		
035	1.21 S	15.67	096	64.45	1.94	494	14.07	.81	504	0.0189	-1.20	368	0.0238	1.57
086	1.49 S	14.91	086	49.40	.46	095	14.00	.79	506	0.0150 s	-8.68	483	0.0239	1.54
102	0.67	1.08	482	46.35	.14	035	11.65	.16	<u>Meth: 221.30 PCT</u>			<u>096 0.0230 1.06</u>		
481	0.65	.67	035	45.60	.06	096	11.09	.06	<u>Acid Soluble Copper</u>			<u>307 0.0230 1.04</u>		
Avg	0.61		Avg	44.96		Avg	11.07		<u>ICP</u>			<u>433 0.0218 .37</u>		
230	0.55	-.89	102	40.41	-.45	230	7.20	-1.04	<u>102 0.0250 2.05</u>			<u>027 0.0215 .34</u>		
444	0.55	-1.05	230	35.55	-.93	102	6.12	-1.33	<u>444 0.0243 R 1.72</u>			<u>354 0.0215 .34</u>		
095	0.00 S	-10.27	368	32.95	-1.19	368	5.68	-1.46	<u>368 0.0238 1.42</u>			<u>472 0.0215 .34</u>		
<u>Meth: 181.99 PPM</u>			<u>Meth: 191.99 PPM</u>			<u>Meth: 202.99 PPM</u>			<u>Meth: 221.30 PCT</u>			<u>Acid Soluble Copper</u>		
<u>Cadmium</u>			<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			<u>Acid Soluble Copper</u>			<u>ICP</u>		
<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>ICP</u>			<u>ICP</u>		
487	0.50	.50	042	36.40	-.71	042	6.60	.00	<u>102 0.0250 2.05</u>			<u>027 0.0215 .34</u>		
Avg	0.49		<u>Meth: 191.99 PPM</u>			<u>Acid Soluble Cobalt</u>			<u>444 0.0243 R 1.72</u>			<u>354 0.0215 .34</u>		
042	0.49	-1.12	<u>Chromium</u>			<u>Other</u>			<u>368 0.0238 1.42</u>			<u>472 0.0215 .34</u>		
<u>Meth: 181.99 PPM</u>			<u>Other</u>			<u>Other</u>			<u>483 0.0239 1.37</u>			<u>041 0.0215 X .34</u>		
<u>Cadmium</u>			<u>Other</u>			<u>Other</u>			<u>096 0.0230 .87</u>			<u>105 0.0213 .24</u>		
<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>307 0.0230 .86</u>			<u>Avg 0.0212</u>		
<u>487 0.50 .50</u>			<u>Other</u>			<u>Other</u>			<u>433 0.0218 .16</u>			<u>498 0.0210 -.11</u>		
<u>Avg 0.49</u>			<u>Other</u>			<u>Other</u>			<u>Avg 0.0216</u>			<u>420 0.0207 -.28</u>		
<u>042 0.49 -1.12</u>			<u>Other</u>			<u>Other</u>			<u>354 0.0215 -.30</u>			<u>086 0.0204 -.47</u>		
<u>Meth: 181.99 PPM</u>			<u>Other</u>			<u>Other</u>			<u>472 0.0215 -.30</u>			<u>035 0.0201 -.67</u>		
<u>Cadmium</u>			<u>Other</u>			<u>Other</u>			<u>041 0.0215 X -.30</u>			<u>482 0.0200 -.68</u>		
<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>Other</u>		

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Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
<u>Meth: 221.XX PCT</u>			<u>Meth: 241.99 PCT</u>			<u>Meth: 251.30 PPM</u>			<u>Meth: 261.11 PCT</u>			<u>Meth: 261.XX PCT</u>		
<u>Acid Soluble Copper</u>			<u>Acid Soluble Iron</u>			<u>Lead</u>			<u>Acid Soluble Manganese</u>			<u>Acid Soluble Manganese</u>		
095	0.0200	-.68	<u>Other</u>			<u>ICP</u>			<u>AA</u>			086 0.016 -.87		
105	0.0199	-.79	105	0.63	.71	444	30.95	-.45	105	0.016	-.71	Meth: 281.00 PPM		
043	0.0198	-.81	Meth: 241.XX PCT			096	30.00	-.71	Meth: 261.30 PCT			Mercury		
042	0.0199	-.83	<u>Acid Soluble Iron</u>			230	29.65	-.78	<u>Acid Soluble Manganese</u>			<u>Atomic Absorption</u>		
494	0.0198	-.84	096	0.77	2.00	095	29.50	-.83	<u>ICP</u>			230 0.37 .71		
487	0.0197	-1.00	041	0.73 X	1.39	481	16.35 s	-4.92	420	0.021	1.54	Meth: 281.99 PPM		
481	0.0195	-1.01	494	0.67	.64	Meth: 251.99 PPM			096	0.020	1.44	Mercury		
230	0.0192	-1.14	354	0.64	.32	<u>Lead</u>			482	0.020	1.21	<u>Other</u>		
504	0.0189	-1.35	420	0.64	.29	<u>Other</u>			102	0.018	.11	042 0.09 .71		
506	0.0150 s	-4.58	043	0.64	.28	487	25.30	.87	Avg	0.018		Meth: 281.XX PPM		
Meth: 241.00 PCT			105	0.63	.16	Avg	14.33		041	0.017 X	-.45	Mercury		
<u>Acid Soluble Iron</u>			105	0.63	.15	042	3.35	-.87	307	0.017	-.45	230 0.37 .88		
<u>Atomic Absorption</u>			504	0.63	.07	Meth: 251.XX PPM			354	0.017	-.45	Avg 0.23		
043	0.64	1.27	Avg	0.62		<u>Lead</u>			494	0.016	-.95	042 0.09 -.85		
105	0.63	.46	086	0.61	-.12	482	38.05 R	1.36	035	0.016	-.97	Meth: 289.00 PPM		
Avg	0.63		035	0.61	-.40	368	35.90	1.14	086	0.016	-1.05	Molybdenum		
504	0.63	-.83	482	0.62	-.41	086	31.88	.71	Meth: 261.99 PCT			<u>Atomic Absorption</u>		
Meth: 241.30 PCT			102	0.52	-1.38	444	30.95	.62	<u>Acid Soluble Manganese</u>			506 10.80 -.71		
<u>Acid Soluble Iron</u>			307	0.51	-1.58	035	31.00	.62	<u>Other</u>			Meth: 289.30 PPM		
<u>ICP</u>			472	0.50	-1.76	096	30.00	.53	105 0.017 .71			Molybdenum		
096	0.77	1.75	Meth: 251.00 PPM			230	29.65	.49	Meth: 261.XX PCT			<u>ICP</u>		
041	0.73 X	1.22	<u>Lead</u>			095	29.50	.47	<u>Acid Soluble Manganese</u>			086 13.96 s 4.76		
494	0.67	.58	<u>Atomic Absorption</u>			136	29.00	.42	420 0.021 2.20			433 11.18 1.43		
354	0.64	.30	136	29.00	.88	487	25.30	.07	096 0.020 R 2.08			102 10.61 .82		
420	0.64	.28	506	24.00	.38	Avg	24.95		482 0.020 1.81			035 10.50 .79		
Avg	0.62		498	7.47	-1.26	506	24.00	-.11	102 0.018 .50			Avg 9.98		
086	0.61	-.07	Meth: 251.30 PPM			481	16.35	-.89	Avg 0.017			368 9.97 -.04		
035	0.61	-.33	<u>Lead</u>			498	7.47	-1.80	041 0.017 X -.15			494 9.66 -.47		
482	0.62	-.35	<u>ICP</u>			042	3.35	-2.23	307 0.017 -.15			095 9.00 -1.17		
102	0.52	-1.15	482	38.05	1.95	Meth: 261.00 PCT			354 0.017 -.15			230 8.93 -1.25		
307	0.51	-1.31	368	35.90	1.25	<u>Acid Soluble Manganese</u>			105 0.017 -.25			096 1.45 s -10.19		
472	0.50	-1.47	Avg	32.12		<u>AA</u>			105 0.016 -.64					
			086	31.88	-.13	504 0.016 .00			494 0.016 -.76					
			035	31.00	-.35				035 0.016 -.78					
									504 0.016 -.80					

\* 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: 289.99 PPM			Meth: 291.99 PPM			Meth: 301.XX PPM			Meth: 321.00 PCT			Meth: 321.XX PCT			
Molybdenum			Nickel			Selenium			Acid Soluble Zinc			Acid Soluble Zinc			
<u>Other</u>			<u>Other</u>			<u>Other</u>			<u>Atomic Absorption</u>			<u>Other</u>			
042	8.80	- .71	042	39.50	.71	095	0.00	-1.53	Avg	0.042		096	0.053 s	4.04	
Meth: 289.XX PPM			Meth: 291.XX PPM			Meth: 311.30 PCT			481	0.041	-.64	390	0.045	1.75	
Molybdenum			Nickel			Sodium			506	0.040	-.85	483	0.045	1.60	
086	13.96 s	4.49	096	67.35 s	5.75	<u>Flame Photometric</u>			105	0.039	-1.21	354	0.045	1.45	
433	11.18	1.38	102	50.44	1.22	510	0.10	.39	Meth: 321.30 PCT			498	0.044	1.28	
506	10.80	.99	506	50.25	1.21	Avg			0.10	Acid Soluble Zinc			504	0.043	1.01
102	10.61	.81	498	49.30	1.01	086	0.10	-1.16	<u>ICP</u>			368	0.043	.91	
035	10.50	.77	086	47.84	.52	Meth: 311.99 PCT			096	0.053 S	3.95	043	0.043	.82	
368	9.97	.05	482	47.80	.51	Sodium			041	0.048 R	2.66	307	0.042	.64	
Avg	9.94		136	47.00	.29	<u>Other</u>			390	0.045	1.72	102	0.041	.32	
494	9.66	-.41	Avg	45.90		354	0.14 R	2.14	483	0.045	1.58	481	0.041	.23	
095	9.00	-1.05	368	45.10	-.23	096	0.13	1.75	354	0.045	1.43	494	0.040	.12	
230	8.93	-1.13	095	43.50	-.66	035	0.10	.11	368	0.043	.91	292	0.040	.01	
042	8.80	-1.35	035	42.65	-.89	Avg	0.10		307	0.042	.65	095	0.040	.01	
096	1.45 s	-9.49	230	41.55	-1.17	102	0.09	-.31	102	0.041	.34	231	0.040	.01	
Meth: 291.00 PPM			042	39.50	-1.81	494	0.09	-.51	494	0.040	.13	482	0.040	.01	
Nickel			Meth: 301.30 PPM			482	0.08	-1.03	095	0.040	.03	Avg	0.040		
<u>Atomic Absorption</u>			Selenium			Meth: 311.XX PCT			482	0.040	.03	433	0.039	-.17	
506	50.25	.95	<u>ICP</u>			Sodium			231	0.040	.03	042	0.039	-.23	
498	49.30	.84	368	3.94	.90	354	0.14 R	2.55	292	0.040	.03	105	0.039	-.29	
Avg	48.85		230	3.26	.46	096	0.13	2.07	Avg	0.040		105	0.039	-.34	
136	47.00	-.94	Avg	2.40		035	0.10	.11	433	0.039	-.14	035	0.038	-.69	
Meth: 291.30 PPM			095	0.00	-1.21	510	0.10	.07	035	0.038	-.64	027	0.038	-.80	
Nickel			Meth: 301.99 PPM			086	0.10	.06	027	0.038	-.75	086	0.037	-.84	
<u>ICP</u>			Selenium			Avg	0.10		086	0.037	-.79	472	0.036	-1.30	
096	67.35 s	6.95	<u>Other</u>			102	0.09	-.40	472	0.036	-1.24	230	0.035	-1.70	
102	50.44	1.56	042	3.55	.71	494	0.09	-.64	230	0.035	-1.62	420	0.034	-1.77	
086	47.84	.73	Meth: 301.XX PPM			482	0.08	-1.27	420	0.034	-1.69	460	0.034	-2.07	
482	47.80	.72	Selenium			Meth: 321.00 PCT			Meth: 321.99 PCT			Acid Soluble Zinc			
Avg	45.55		368	3.94	.88	Acid Soluble Zinc			<u>Other</u>			Other			
368	45.10	-.17	042	3.55	.49	<u>Atomic Absorption</u>			042	0.039	.72	042			
095	43.50	-.67	230	3.26	.36	498	0.044	1.31	105	0.039	.58	105			
035	42.65	-.95	Avg	2.69		504	0.043	.94	Avg	0.037		Avg			
230	41.55	-1.28				043	0.043	.57	460	0.034	-1.28	460			

\* 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	3	0.00	1.11	0.10	144.XX	10	8.09	25.60	0.30
001.99	3	0.00	1.12	0.00	151.00	2	0.00	0.71	0.71
001.XX	6	- 0.06	0.96	0.01	151.30	6	0.00	1.04	0.09
003.10	7	- 1.88	5.07	0.54	151.XX	9	0.00	1.02	0.11
003.99	2	0.00	0.11	0.86	181.00	2	0.00	1.18	0.22
003.XX	9	- 1.59	4.87	0.54	181.30	7	2.12	8.20	4.50
010.11	7	- 2.13	3.75	0.18	181.99	2	0.00	0.71	0.71
010.12	7	0.00	1.03	0.14	181.XX	11	0.89	4.00	2.17
010.60	54	0.07	2.01	0.53	191.30	7	0.00	1.04	0.08
010.99	7	- 0.93	1.82	0.44	191.XX	9	0.00	1.03	0.09
010.XX	73	- 0.36	2.13	0.44	202.30	9	0.00	1.03	0.06
020.10	7	0.00	1.04	0.09	202.XX	11	0.00	1.02	0.05
020.20	13	0.21	1.45	0.16	221.00	6	- 1.001	2.6047	2.5781
020.40	6	0.00	0.97	0.36	221.30	18	0.0907	1.0389	0.2306
020.50	14	0.09	1.02	0.25	221.99	3	0.0000	0.7993	0.6383
020.99	6	- 0.05	0.95	0.10	221.XX	26	- 0.123	1.1964	0.6175
020.XX	44	- 0.08	1.02	0.19	241.00	3	0.00	0.65	0.74
040.XX	3	0.00	1.07	0.26	241.30	11	0.00	1.01	0.18
041.10	11	- 0.05	0.99	0.19	241.XX	14	- 0.01	1.04	0.19
041.20	2	0.00	1.20	0.18	251.00	3	0.00	1.12	0.03
041.40	3	0.00	1.02	0.38	251.30	9	- 0.55	1.88	0.28
041.50	11	0.05	0.98	0.18	251.99	2	0.00	1.22	0.06
041.60	9	- 0.46	1.64	0.41	251.XX	14	0.10	1.04	0.08
041.99	2	37.95	53.67	0.53	261.30	10	0.000	1.024	0.079
041.XX	33	0.21	1.60	0.20	261.XX	12	0.210	1.165	0.103
050.50	3	0.00	0.46	0.83	281.XX	2	0.000	1.195	0.190
050.51	3	0.00	1.12	0.04	289.30	9	- 0.60	4.02	0.22
050.60	2	0.00	1.18	0.24	289.XX	11	- 0.45	3.40	0.24
050.99	5	0.00	1.06	0.09	291.00	3	0.00	0.85	0.59
050.XX	13	0.14	0.87	0.20	291.30	8	0.87	2.64	0.11
060.00	3	0.00	1.12	0.04	291.XX	12	0.48	1.91	0.24
060.XX	4	0.00	1.08	0.03	301.30	3	0.00	1.07	0.28
101.00	3	0.00	1.11	0.11	301.XX	4	0.00	1.03	0.27
101.30	12	0.00	1.00	0.20	311.30	2	0.00	0.55	0.77
101.XX	15	- 0.01	1.00	0.20	311.99	6	0.35	1.27	0.21
121.00	3	0.00	1.12	0.05	311.XX	8	0.31	1.30	0.21
121.30	11	0.00	0.99	0.25	321.00	6	0.000	0.990	0.316
121.XX	15	0.46	1.76	0.22	321.30	20	0.322	1.390	0.264
144.99	8	0.00	1.01	0.21	321.99	3	0.000	1.102	0.152

## Method Evaluation - Z Values Based on 1 Reports

<u>Method Code</u>	<u>Number Of Labs</u>	<u>Avg Bias of Labs</u>	<u>Std Dev of Biases</u>	<u>Std Dev Within Labs</u>	<u>Method Code</u>	<u>Number Of Labs</u>	<u>Avg Bias of Labs</u>	<u>Std Dev of Biases</u>	<u>Std Dev Within Labs</u>
321.XX	27	0.253	1.340	0.252					