

- Pass 1 Results for 81 Labs - - Pass 2 Results for 81 Labs -

Method	AOAC Ref.	Method Code	No. of Labs	Grand Avq.	Std. Dev.	Average Range of Dups	No. of Labs	Grand Avq.	Std. Dev.	Average Range of Dups
Ammoniacal Nitrogen, MgO Distillation .	920.03	001.10	9	4.76	0.55	0.06	9	4.76	0.55	0.06
Ammoniacal Nitrogen, Other		001.99	9	4.60	0.20	0.06	9	4.60	0.20	0.06
Method Group 001.XX PCT			18	4.68	0.41	0.06	18	4.68	0.41	0.06
Ammon & Nitrate N, Devarda	892.01	009.10	1	4.67	0.06	0.08	1	4.67	0.06	0.08
Total Nitrogen, Reduced Iron		010.10	1	5.85	0.04	0.06	1	5.85	0.04	0.06
Total Nitrogen, Modified Comprehensive	978.02	010.11	4	5.79	0.06	0.07	4	5.79	0.06	0.07
Total Nitrogen, Salicylic	955.04D	010.12	5	5.80	0.11	0.02	5	5.80	0.11	0.02
Total Nitrogen, Combustion		010.60	50	5.89	0.10	0.06	49	5.89	0.10	0.05
Total Nitrogen, Other		010.99	3	5.98	0.13	0.16	3	5.98	0.13	0.16
Method Group 010.XX PCT			65	5.87	0.12	0.06	62	5.87	0.11	0.05
Total Phosphate, Grav Quimociac	962.02	020.10	7	11.71	0.37	0.22	6	11.75	0.34	0.11
Total Phosphate, Spectrometric	958.01	020.20	19	11.71	0.25	0.12	17	11.72	0.21	0.06
Total Phosphate, Alka Quimociac	969.02	020.30	1	11.58	0.03	0.04	1	11.58	0.03	0.04
Total Phosphate, Automated	978.01	020.40	4	11.85	0.18	0.19	4	11.85	0.18	0.19
Total Phosphate, ICP		020.50	6	11.98	0.43	0.19	6	11.98	0.43	0.19
Total Phosphate, Other		020.99	1	12.14	0.03	0.04	1	12.14	0.03	0.04
Method Group 020.XX PCT			38	11.77	0.32	0.15	35	11.79	0.30	0.10
Insoluble Phosphate, Grav Quimociac ...	963.03C	030.10	2	0.15	0.11	0.00	2	0.15	0.11	0.00
Insoluble Phosphate, Spectrometric	963.03C	030.20	2	0.25	0.20	0.05	2	0.25	0.20	0.05
Insoluble Phosphate, Automated	978.01	030.40	2	0.12	0.05	0.03	2	0.12	0.05	0.03
Method Group 030.XX PCT			6	0.18	0.14	0.03	6	0.18	0.14	0.03
InDir Available Phosphate, Grav Quim ..	960.02	040.10	2	11.35	0.59	0.13	2	11.35	0.59	0.13
InDir Available Phosphate, Spectrometri	960.02	040.20	1	11.40	0.01	0.02	1	11.40	0.01	0.02
InDir Available Phosphate, Automated ..	960.02	040.40	2	11.80	0.19	0.21	2	11.80	0.19	0.21
InDir Available Phosphate, Other		040.99	1	11.67	0.11	0.15	1	11.67	0.11	0.15
Method Group 040.XX PCT			6	11.56	0.39	0.14	6	11.56	0.39	0.14
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	20	11.78	0.13	0.08	19	11.79	0.12	0.06
Dir Available Phosphate, Spectrometric	960.03D	041.20	2	11.49	0.04	0.05	2	11.49	0.04	0.05
Dir Available Phosphate, Automated	978.01	041.40	4	11.62	0.13	0.05	4	11.62	0.13	0.05
Dir Available Phosphate, ICP		041.50	9	11.81	0.39	0.09	10	11.91	0.48	0.09
Dir Available Phosphate, EDTA Extract .	993.01	041.60	14	11.78	0.23	0.05	13	11.79	0.23	0.03
Method Group 041.XX PCT			50	11.77	0.25	0.08	46	11.76	0.24	0.05
Water Soluble Phosphate, Spectrometric	970.01	048.20	4	9.94	0.20	0.04	4	9.94	0.20	0.04
Soluble Potash, STPB Oxalate	958.02	050.00	19	12.45	0.16	0.09	19	12.45	0.16	0.09
Soluble Potash, AA (Oxalate)		050.30	10	12.27	0.41	0.16	10	12.27	0.41	0.16
Soluble Potash, AA (Citrate)		050.31	1	12.40	0.00	0.00	1	12.40	0.00	0.00
Soluble Potash, ICP (Oxalate)		050.50	6	12.52	0.28	0.16	6	12.52	0.28	0.16
Soluble Potash, ICP (Citrate)		050.51	12	12.48	0.39	0.09	12	12.48	0.39	0.09
Soluble Potash, Flame (Oxalate)	983.02(a	050.60	6	12.50	0.10	0.06	6	12.50	0.10	0.06

- Pass 1 Results for 81 Labs - - Pass 2 Results for 81 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
Soluble Potash, Flame (Citrate)	983.02(b)	050.61	5	12.67	0.34	0.20	5	12.67	0.34	0.20
Soluble Potash, Other		050.99	11	12.34	0.32	0.19	11	12.34	0.32	0.19
Method Group 050.XX PCT			71	12.43	0.31	0.12	66	12.44	0.29	0.10
Free Water, Vacuum Oven	965.08B	060.00	6	1.05	0.09	0.07	6	1.05	0.09	0.07
Method Group 060.XX PCT			7	1.49	1.12	0.06	7	1.49	1.12	0.06
Acid Soluble Calcium, AA	945.04	101.00	1	18.35	0.10	0.14	1	18.35	0.10	0.14
Acid Soluble Calcium, ICP		101.30	6	19.17	1.17	0.26	6	19.17	1.17	0.26
Acid Soluble Calcium, Other		101.99	1	18.10	0.00	0.00	1	18.10	0.00	0.00
Method Group 101.XX PCT			8	18.93	1.09	0.21	7	19.08	1.08	0.13
Acid Soluble Magnesium, AA	984.01	121.00	1	1.12	0.02	0.03	1	1.12	0.02	0.03
Acid Soluble Magnesium, ICP		121.30	8	1.07	0.09	0.03	8	1.07	0.09	0.03
Method Group 121.XX PCT			9	1.07	0.09	0.03	9	1.07	0.09	0.03
Sulfur, Gravimetric	980.02a	144.01	1	0.48	0.01	0.01	1	0.48	0.01	0.01
Sulfur, Other		144.99	7	0.51	0.10	0.02	6	0.49	0.09	0.01
Method Group 144.XX PCT			8	0.51	0.10	0.02	7	0.49	0.09	0.01
Arsenic, Atomic Absorption		151.00	3	3.21	0.63	0.22	3	3.21	0.63	0.22
Arsenic, ICP		151.30	4	3.21	0.80	0.43	4	3.21	0.80	0.43
Arsenic, Other		151.99	1	3.00	0.00	0.00	1	3.00	0.00	0.00
Method Group 151.XX PPM			8	3.19	0.66	0.30	7	3.01	0.45	0.20
Acid Soluble Boron, Other		165.99	3	0.010	0.012	0.003	3	0.010	0.012	0.003
Cadmium, Atomic Absorption		181.00	3	0.99	0.26	0.17	3	0.99	0.26	0.17
Cadmium, ICP		181.30	8	0.98	0.31	0.09	8	0.98	0.31	0.09
Cadmium, Other		181.99	1	1.00	0.00	0.00	1	1.00	0.00	0.00
Method Group 181.XX PPM			12	0.98	0.28	0.10	12	0.98	0.28	0.10
Water Soluble Chlorine, Titrimetric ...	928.02	190.00	1	9.39	0.03	0.04	1	9.39	0.03	0.04
Water Soluble Chlorine, Other		190.99	2	9.77	0.29	0.36	2	9.77	0.29	0.36
Method Group 190.XX PCT			3	9.64	0.30	0.25	3	9.64	0.30	0.25
Chromium, ICP		191.30	8	53.44	6.17	1.17	8	53.44	6.17	1.17
Chromium, Other		191.99	1	51.50	4.95	7.00	1	51.50	4.95	7.00
Method Group 191.XX PPM			9	53.23	5.96	1.82	8	53.44	6.17	1.17
Acid Soluble Cobalt, ICP	965.11	202.30	9	3.16	1.03	0.26	8	3.36	0.87	0.17
Acid Soluble Cobalt, Other		202.99	1	3.50	0.71	1.00	1	3.50	0.71	1.00
Method Group 202.XX PPM			10	3.19	0.99	0.33	10	3.19	0.99	0.33
Acid Soluble Copper, ICP		221.30	6	0.0014	0.0016	0.0004	6	0.0014	0.0016	0.0004
Acid Soluble Copper, Other		221.99	1	0.0001	0.0000	0.0000	1	0.0001	0.0000	0.0000
Method Group 221.XX PCT			7	0.0012	0.0015	0.0004	7	0.0012	0.0015	0.0004
Acid Soluble Iron, Atomic Absorption ..	980.01	241.00	1	0.32	0.00	0.00	1	0.32	0.00	0.00
Acid Soluble Iron, ICP		241.30	8	0.31	0.03	0.00	7	0.31	0.03	0.00
Method Group 241.XX PCT			9	0.32	0.02	0.00	8	0.31	0.02	0.00

- Pass 1 Results for 81 Labs - - Pass 2 Results for 81 Labs -

<u>Method</u>	<u>AOAC Ref.</u>	<u>Method Code</u>	<u>No. of Labs</u>	<u>Grand Avq.</u>	<u>Std. Dev.</u>	<u>Average Range of Dups</u>	<u>No. of Labs</u>	<u>Grand Avq.</u>	<u>Std. Dev.</u>	<u>Average Range of Dups</u>
Lead, Atomic Absorption		251.00	2	1.42	0.28	0.47	2	1.42	0.28	0.47
Lead, ICP		251.30	3	6.23	5.83	0.60	3	6.23	5.83	0.60
Lead, Other		251.99	2	1.41	0.47	0.08	2	1.41	0.47	0.08
Method Group 251.XX PPM			7	3.48	4.39	0.41	6	3.40	4.75	0.20
Acid Soluble Manganese, ICP	972.02a	261.30	6	0.008	0.001	0.000	6	0.008	0.001	0.000
Method Group 261.XX PCT			6	0.008	0.001	0.000	6	0.008	0.001	0.000
Mercury, ICP		281.30	1	20.50	0.42	0.60	1	20.50	0.42	0.60
Molybdenum, Atomic Absorption		289.00	2	4.73	0.85	0.15	2	4.73	0.85	0.15
Molybdenum, ICP		289.30	8	4.21	0.57	0.35	8	4.21	0.57	0.35
Molybdenum, Other		289.99	1	5.50	0.71	1.00	1	5.50	0.71	1.00
Method Group 289.XX PPM			11	4.42	0.72	0.38	11	4.42	0.72	0.38
Nickel, ICP		291.30	6	18.21	1.49	0.64	6	18.21	1.49	0.64
Nickel, Other		291.99	2	15.83	1.61	1.35	2	15.83	1.61	1.35
Method Group 291.XX PPM			9	17.31	2.29	1.55	8	17.61	1.81	0.82
Selenium, Atomic Absorption		301.00	1	0.03	0.00	0.00	1	0.03	0.00	0.00
Selenium, ICP		301.30	1	5.80	0.14	0.20	1	5.80	0.14	0.20
Method Group 301.XX PPM			2	2.92	3.33	0.10	2	2.92	3.33	0.10
Sodium, Flame Photometric	974.01	311.30	1	0.27	0.02	0.03	1	0.27	0.02	0.03
Sodium, Other		311.99	6	0.31	0.06	0.01	6	0.31	0.06	0.01
Method Group 311.XX PCT			7	0.31	0.06	0.01	7	0.31	0.06	0.01
Acid Soluble Zinc, Atomic Absorption ..	975.02	321.00	4	0.002	0.001	0.000	3	0.001	0.001	0.000
Acid Soluble Zinc, ICP		321.30	9	0.002	0.001	0.000	8	0.001	0.000	0.000
Acid Soluble Zinc, Other		321.99	1	0.003	0.000	0.000	1	0.003	0.000	0.000
Method Group 321.XX PCT			14	0.002	0.001	0.000	12	0.002	0.001	0.000

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 001.10 PCT			Meth: 001.XX PCT			Meth: 010.12 PCT			Meth: 010.60 PCT			Meth: 010.XX PCT		
<u>Ammoniacal Nitrogen</u>			<u>Ammoniacal Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Nitrogen</u>			<u>Total Nitrogen</u>		
<u>MgO Distillation</u>			320 4.51 -.42			<u>Salicylic</u>			<u>Combustion</u>			090 6.56 s 6.13		
292	5.82	1.94	420	4.50	-.46	137	5.81	.11	162	5.89	-.26	034	6.29 s	3.71
415	5.27	.94	096	4.47	-.53	Avg	5.80		232	5.87	-.27	157	6.15	2.49
309	5.25	.89	200	4.46	-.55	211	5.62	-1.78	389	5.86	-.30	369	5.98 R	1.98
Avg	4.76		288	4.41	-.67	415	5.30 S	-4.84	422	5.86	-.35	072	6.08	1.87
029	4.68	-.16	354	4.40	-.70	Meth: 010.60 PCT			106	5.85	-.40	405	5.98 R	1.81
416	4.60	-.32	418	4.39 X	-.72	<u>Total Nitrogen</u>			406	5.87	-.44	390	6.05	1.77
200	4.46	-.57	324	4.26	-1.02	<u>Combustion</u>			007	5.88	-.47	262	6.07	1.73
288	4.41	-.66	Meth: 009.10 PCT			034	6.29 s	3.94	049	5.85	-.49	354	6.06	1.68
324	4.26	-.93	Ammon & Nitrate N			157	6.15	2.59	055	5.84	-.56	029	6.04	1.52
251	4.14	-1.15	<u>Devarda</u>			369	5.98 R	2.12	377	5.84	-.59	231	6.02	1.29
Meth: 001.99 PCT			392 4.67 .71			072	6.08	1.90	024	5.82	-.65	073	5.99	1.28
<u>Ammoniacal Nitrogen</u>			Meth: 010.10 PCT			390	6.05	1.82	136	5.86	-.66	037	5.95	1.07
<u>Other</u>			<u>Total Nitrogen</u>			262	6.07	1.75	042	5.83	-.72	234	5.99	1.06
393	4.92	1.61	<u>Reduced Iron</u>			029	6.04	1.51	393	5.82	-.79	251	5.92	.85
376	4.85	1.26	072 5.85 .71			073	5.99	1.28	009	5.80	-.94	023	5.95	.83
409	4.81	1.03	Meth: 010.11 PCT			231	6.02	1.26	028	5.80	-1.08	025	5.96	.81
Avg	4.60		<u>Modified Comprehensi</u>			037	5.95	1.08	296	5.78	-1.19	324	5.95	.70
234	4.55	-.26	090 6.56 S 13.36			234	5.99	1.00	043	5.77	-1.22	022	5.94	.63
320	4.51	-.47	288 5.83 .97			251	5.92	.88	018	5.76	-1.35	402	5.94	.61
420	4.50	-.53	073 5.82 .86			023	5.95	.78	040	5.75	-1.38	411	5.92	.46
096	4.47	-.68	Avg 5.79			025	5.96	.73	142	5.74	-1.48	330	5.92	.41
354	4.40	-1.04	414 5.79 -.79			324	5.95	.62	409	5.73	-1.66	007	5.88	.40
418	4.39 X	-1.06	029 5.73 -1.09			022	5.94	.55	233	5.72	-1.75	035	5.89	.39
Meth: 001.XX PCT			309 5.20 S -10.34			402	5.94	.52	114	5.55 s	-3.42	420	5.90	.37
<u>Ammoniacal Nitrogen</u>			322 4.61 S -20.73			035	5.89	.40	360	5.49 s	-3.99	177	5.89	.34
292	5.82	2.75	Meth: 010.12 PCT			411	5.92	.37	Meth: 010.99 PCT			131	5.91	.34
415	5.27	1.44	<u>Total Nitrogen</u>			177	5.89	.31	<u>Total Nitrogen</u>			102	5.91	.30
309	5.25	1.38	<u>Salicylic</u>			330	5.92	.30	<u>Other</u>			096	5.91	.30
393	4.92	.59	102 5.91 .97			131	5.91	.21	405	5.98	1.29	162	5.89	.26
376	4.85	.41	185 5.85 .48			096	5.91	.17	354	6.06	.66	247	5.90	.21
409	4.81	.30	351 5.83 .38			247	5.90	.08	Avg	5.98		325	5.88	.11
Avg	4.68		361 5.87 -.21			Avg	5.89		420	5.90	-.64	307	5.88	.05
029	4.68	-.05	* X=Excluded from lab performance			325	5.88	-.13	030	5.36 S	-4.70	027	5.87	.02
* X=Excluded from lab performance			S/s=Screened Outlier			307	5.88	-.15	072	4.55 S	-10.87	361	5.87	-.09
* X=Excluded from lab performance			R=Duplicate Range too large			027	5.87	-.16	A=Analysis beyond 3-s limits			389	5.86	-.14
* X=Excluded from lab performance			A=Analysis beyond 3-s limits			361	5.87	-.21	A=Analysis beyond 3-s limits			232	5.87	-.18

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 010.XX PCT			Meth: 020.10 PCT			Meth: 020.40 PCT			Meth: 020.XX PCT			Meth: 030.20 PCT		
<u>Total Nitrogen</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Total Phosphate</u>			<u>Insoluble Phosphate</u>		
422	5.86	-.21	411	12.07	.95	409	12.04	1.49	090	11.91	.43	363	0.43	.87
106	5.85	-.22	<u>Grav Quimociac</u>			<u>Automated</u>			<u>Spectrometric</u>					
185	5.85	-.27	090	11.91	.49	320	11.88	.69	157	11.89	.37	095	11.88	.30
049	5.85	-.34	157	11.89	.44	Avg 11.85			363	11.83	.19	Avg 0.25		
072	5.85	-.34	095	11.88	.38	096	11.79	-.41	292	11.83	.17	247 0.08 -.86		
406	5.87	-.36	Avg 11.75			035	11.71	-.79	392	11.82	.12	Meth: 030.40 PCT		
055	5.84	-.36	114	11.66	-.40	042	10.86 S	-5.49	232	11.80	.09	<u>Insoluble Phosphate</u>		
377	5.84	-.40	414	11.45 R	-1.60	Meth: 020.50 PCT			<u>Automated</u>					
351	5.83	-.41	405	11.10	-1.96	<u>Total Phosphate</u>			Avg 11.79			409 0.16 .77		
024	5.82	-.45	Meth: 020.20 PCT			<u>ICP</u>			096 11.79 -.14			Avg 0.12		
288	5.83	-.52	<u>Total Phosphate</u>			330	12.35	.92	247	11.75	-.27	096 0.08 -.96		
042	5.83	-.53	<u>Spectrometric</u>			422	12.27	.66	035	11.71	-.27			
136	5.86	-.55	390	11.97 R	2.16	361	12.25	.62	234	11.70	-.31	Meth: 030.XX PCT		
137	5.81	-.57	142	12.09	1.76	389	12.15	.41	200	11.69	-.36	<u>Insoluble Phosphate</u>		
393	5.82	-.59	415	12.03	1.49	Avg 11.98			420	11.65	-.52	363 0.43 1.84		
073	5.82	-.59	231	11.96	1.17	402	11.52	-1.09	376	11.63	-.54	405 0.25 .55		
009	5.80	-.71	363	11.83	.55	307	11.37	-1.58	114	11.66	-.56	Avg 0.18		
028	5.80	-.85	292	11.83	.55	Meth: 020.99 PCT			416	11.61	-.61	409 0.16 -.11		
414	5.79	-.88	392	11.82	.47	<u>Total Phosphate</u>			288	11.61	-.64	247 0.08 -.70		
296	5.78	-.94	232	11.80	.38	<u>Other</u>			406	11.58	-.71	096 0.08 -.73		
043	5.77	-.96	247	11.75	.34	418 12.14 X -.71			397	11.54	-.83	090 0.06 -.88		
018	5.76	-1.08	Avg 11.72			Meth: 020.XX PCT			402	11.52	-.94	Meth: 040.10 PCT		
040	5.75	-1.10	234	11.70	-.14	<u>Total Phosphate</u>			324	11.51	-.98	<u>InDir Available Phos</u>		
142	5.74	-1.19	200	11.69	-.18	330	12.35	1.94	307	11.37 R	-1.73	<u>Grav Quim</u>		
029	5.73	-1.28	376	11.63	-.44	422	12.27	1.60	414	11.45 R	-1.90	090 11.86 .86		
409	5.73	-1.36	420	11.65	-.45	361	12.25	1.54	309	11.23	-1.91	Avg 11.35		
233	5.72	-1.43	416	11.61	-.53	390	11.97 R	1.40	369	11.27	-1.93	405 10.85 -.87		
211	5.62	-2.31	288	11.61	-.61	390	11.97 R	1.40	405	11.10	-2.37			
114	5.55	-2.95	397	11.54	-.85	389	12.15	1.23	042	10.86 s	-3.18	Meth: 030.10 PCT		
360	5.49 A	-3.46	324	11.51	-1.07	418	12.14 X	1.18	Meth: 030.10 PCT			Meth: 040.20 PCT		
030	5.36 s	-4.62	309	11.23	-2.39	409	12.04	1.08	<u>Insoluble Phosphate</u>			<u>InDir Available Phos</u>		
415	5.30 s	-5.21	369	11.27 R	-2.46	142	12.09	.99	<u>Grav Quimociac</u>			<u>Spectrometri</u>		
309	5.20 s	-6.04	Meth: 020.30 PCT			411	12.07	.95	405	0.25	.87	363 11.40 .71		
322	4.61 s	-11.37	<u>Total Phosphate</u>			415	12.03	.81	Avg 0.15			Meth: 040.40 PCT		
072	4.55 s	-11.93	<u>Alka Quimociac</u>			231	11.96	.59	090 0.06 -.87			<u>InDir Available Phos</u>		
			406	11.58	.71	320	11.88	.51				<u>Automated</u>		

* 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: 040.40 PCT			Meth: 041.10 PCT			Meth: 041.60 PCT			Meth: 041.XX PCT			Meth: 048.20 PCT		
<u>InDir Available Phos Automated</u>			<u>Dir Available Phosph Grav Quimociac</u>			<u>Dir Available Phosph EDTA Extract</u>			<u>Dir Available Phosph</u>			<u>Water Soluble Phosph Spectrometric</u>		
Avg	11.80		322	11.67	-.98	018	12.25	2.06	288	11.84	.31	Avg	9.94	
096	11.71	-.45	029	11.66	-1.09	034	12.03	1.05	233	11.81	.22	363	9.90	-.26
			136	11.65	-1.37	028	11.96	.74	131	11.78	.20	420	9.87	-.41
Meth: 040.99 PCT			260 11.61 -1.55			377 11.89 .46			262 11.80 .16			247 9.75 -.95		
<u>InDir Available Phos Other</u>			185 11.63 R -2.56			296 11.87 .35			049 11.79 .11			Meth: 050.00 PCT		
247	11.67	.71	Meth: 041.20 PCT			288 11.84 .22			009 11.79 .11			Soluble Potash		
			<u>Dir Available Phosph Spectrometric</u>			262 11.80 .05			Avg 11.76			<u>STPB Oxalate</u>		
Meth: 040.XX PCT			030 11.51 .47			073 11.75 -.19			073 11.75 -.08			073 12.70 1.80		
<u>InDir Available Phos</u>			Avg 11.49			043 11.74 -.24			043 11.74 -.14			022 12.68 1.52		
409	11.88	.98	055 11.47 -1.13			095 11.70 -.41			040 11.72 -.19			231 12.60 1.08		
090	11.86	.77	Meth: 041.40 PCT			177 11.62 -.77			414 11.74 -.27			055 12.54 1.02		
096	11.71	.39	<u>Dir Available Phosph Automated</u>			397 11.64 R -1.06			102 11.71 -.28			043 12.53 .51		
247	11.67	.34	072 12.36 s 5.96			106 11.47 -1.43			095 11.70 -.29			102 12.51 .50		
Avg	11.56		131 11.78 1.23			351 11.38 -1.83			029 11.70 -.35			029 12.48 .44		
363	11.40	-.41	029 11.70 .66			Meth: 041.XX PCT			296 11.68 -.39			350 12.50 .40		
405	10.85	-1.87	Avg 11.62			<u>Dir Available Phosph</u>			029 11.66 -.44			416 12.51 .37		
			025 11.51 -.87			007 12.77 s 4.29			136 11.65 -.59			131 12.50 .37		
Meth: 041.10 PCT			027 11.51 -.88			072 12.36 R 2.70			177 11.62 -.63			418 12.46 X .08		
<u>Dir Available Phosph Grav Quimociac</u>			Meth: 041.50 PCT			360 12.34 2.43			260 11.61 -.67			Avg 12.45		
137	12.02	1.92	<u>Dir Available Phosph ICP</u>			018 12.25 2.08			325 11.54 -.95			211 12.44 -.10		
055	11.98	1.63	007 12.77 S 1.83			043 12.18 1.82			397 11.64 R -.95			095 12.45 -.23		
211	11.92	1.07	360 12.34 .90			361 12.17 1.71			025 11.51 -1.08			296 12.37 -.58		
072	11.83	.70	043 12.18 .62			393 12.08 1.35			027 11.51 -1.09			090 12.34 -.76		
177	11.85	.70	361 12.17 .55			034 12.03 1.11			030 11.51 -1.10			392 12.35 -.79		
131	11.87	.68	393 12.08 .37			137 12.02 1.07			354 11.49 -1.15			049 12.33 -.90		
254	11.85	.67	Avg 11.81			055 11.98 .93			185 11.63 R -1.23			233 12.17 -1.84		
022	11.86	.63	022 11.87 -.28			028 11.96 .82			106 11.47 -1.27			411 12.15 -1.94		
233	11.81	.25	325 11.54 -.77			022 11.87 R .72			055 11.47 -1.28			072 11.90 s -3.55		
009	11.79	.01	354 11.49 -.87			211 11.92 .65			023 11.33 -1.87			Meth: 050.30 PCT		
049	11.79	.01	023 11.33 -1.22			377 11.89 .54			251 11.30 -1.98			Soluble Potash		
Avg	11.79		251 11.30 -1.28			131 11.87 .45						<u>AA (Oxalate)</u>		
040	11.72	-.59	S/s=Screened Outlier			296 11.87 .44			Meth: 048.20 PCT			369 12.96 S 2.16		
414	11.74	-.65	R=Duplicate			177 11.85 .44			Water Soluble Phosph			137 13.12 2.09		
102	11.71	-.75	Range too large			254 11.85 .43			<u>Spectrometric</u>			095 12.62 .87		
296	11.68	-.98	A=Analysis beyond 3-s limits			022 11.86 .42			096 10.26 1.54			234 12.50 .56		
* X=Excluded from lab performance														

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 050.30 PCT			Meth: 050.51 PCT			Meth: 050.99 PCT			Meth: 050.XX PCT			Meth: 050.XX PCT		
Soluble Potash			Soluble Potash			Soluble Potash			<u>Soluble Potash</u>			<u>Soluble Potash</u>		
<u>AA (Oxalate)</u>			<u>ICP (Citrate)</u>			<u>Other</u>			043 12.53 .33			262 12.05 -1.42		
136	12.37	.24	007	12.40	-.30	027	12.44	.32	406	12.53	.32	096	12.01	-1.46
Avg	12.27		043	12.28	-.53	Avg	12.34		102	12.51	.31	376	12.01	-1.46
040	12.27	-.02	377	12.18	-.76	232	12.31	-.13	177	12.50	.27	072	11.99	-1.55
262	12.05	-.66	096	12.01	-1.19	042	12.14	-.70	029	12.48	.26	185	12.05 R	-1.58
420	12.10	-.67	251	11.73	-1.92	376	12.01	-1.03	350	12.50	.26	072	11.90	-1.84
185	12.05	-.83	Meth: 050.60 PCT			072	11.99	-1.12	416	12.51	.25	351	11.89	-1.88
351	11.89	-.95	Soluble Potash			397	11.88 X	-1.58	131	12.50	.24	397	11.88 R	-2.04
142	11.78	-1.23	<u>Flame (Oxalate)</u>			Meth: 050.XX PCT			234	12.50	.23	142	11.78	-2.27
Meth: 050.31 PCT			415	12.62	1.36	<u>Soluble Potash</u>			095	12.45	.12	251	11.73	-2.44
Soluble Potash			055	12.60	1.13	030	13.90 s	5.08	035	12.45	.11	354	11.16 s	-4.46
<u>AA (Citrate)</u>			406	12.53	.36	390	13.67 s	4.72	418	12.46 X	.09	Meth: 060.00 PCT		
254	12.40	.00	Avg	12.50		389	13.21	2.66	027	12.44	.04	Free Water		
Meth: 050.50 PCT			288	12.43	-.69	369	12.96 s	2.58	211	12.44	.04	<u>Vacuum Oven</u>		
Soluble Potash			200	12.42	-.90	137	13.12	2.35	288	12.43	-.04	361	4.14 s	35.95
<u>ICP (Oxalate)</u>			309	12.40	-.98	018	13.00 R	2.19	361	12.41	-.11	096	1.14	1.42
324	12.78	1.12	Meth: 050.61 PCT			034	12.97	1.84	254	12.40	-.12	247	1.15	1.13
292	12.72	.94	Soluble Potash			330	12.72 R	1.42	309	12.40	-.12	Avg	1.05	
422	12.75	.84	<u>Flame (Citrate)</u>			324	12.78	1.32	157	12.40	-.13	007	1.02	-.40
Avg	12.52		030	13.90 S	3.71	025	12.78	1.17	200	12.42	-.14	416	0.98	-.79
157	12.40	-.43	018	13.00	1.33	393	12.76	1.14	296	12.37	-.26	363	1.03	-.84
106	12.34	-.66	034	12.97	.90	292	12.72	1.14	136	12.37	-.26	320	0.98	-.85
402	12.13	-1.43	Avg	12.67		360	12.72	1.13	007	12.40	-.33	Meth: 060.10 PCT		
354	11.16 S	-4.97	028	12.66	-.12	422	12.75	1.09	106	12.34	-.34	Free Water		
Meth: 050.51 PCT			035	12.45	-.66	073	12.70	1.01	090	12.34	-.35	<u>Vacuum Desiccate</u>		
Soluble Potash			029	12.27	-1.22	022	12.69	.97	392	12.35	-.38	322 12.81 S .00		
<u>ICP (Citrate)</u>			Meth: 050.99 PCT			022	12.68	.86	049	12.33	-.44	Meth: 060.XX PCT		
389	13.21	1.86	Soluble Potash			023	12.66	.81	232	12.31	-.44	<u>Free Water</u>		
025	12.78	.76	<u>Other</u>			028	12.66	.78	043	12.28	-.57	322 12.81 s 10.07		
393	12.76	.75	390	13.67 s	4.62	009	12.65	.72	040	12.27	-.59	361 4.14 2.35		
022	12.69	.63	330	12.72	1.54	095	12.62	.68	029	12.27	-.65	Avg 1.49		
023	12.66	.50	360	12.72	1.32	415	12.62	.67	377	12.18	-.88	247 1.15 -.31		
009	12.65	.43	325	12.55	.67	231	12.60	.63	233	12.17	-.93	096 1.14 -.32		
Avg	12.48		177	12.50	.54	055	12.60	.59	411	12.15	-.98	363 1.03 -.41		
361	12.41	-.18	260	12.46	.50	055	12.54	.58	402	12.13	-1.08	007 1.02 -.42		
* X=Excluded from lab performance			S/s=Screened Outlier			022	12.66	.81	042	12.14	-1.08	A=Analysis beyond 3-s limits		
						260	12.46	.37	420	12.10 R	-1.37			
						R=Duplicate Range too large								

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 060.XX PCT			Meth: 121.00 PCT			Meth: 144.99 PCT			Meth: 151.99 PPM			Meth: 181.30 PPM		
<u>Free Water</u>			Acid Soluble Magnesi			Sulfur			Arsenic			Cadmium		
416	0.98	-.45	<u>AA</u>			<u>Other</u>			<u>Other</u>			<u>ICP</u>		
320	0.98	-.46	095	1.12	.71	009	0.68	1.97	409	3.00	.00	Avg	0.98	
Meth: 101.00 PCT			Meth: 121.30 PCT			361 0.50 .10			Meth: 151.XX PPM			393 0.93 -.18		
Acid Soluble Calcium			Acid Soluble Magnesi			Avg 0.49			<u>Arsenic</u>			232 0.79 -.63		
<u>AA</u>			<u>ICP</u>			232 0.48 -.18			106 4.40 R 3.24			009 0.65 -1.08		
095	18.35	.71	422	2.03 s	10.39	247	0.47	-.25	040	3.99	2.15	035	0.64	-1.10
Meth: 101.30 PCT			096 1.16 .94			035 0.44 -.60			Avg 3.01			Meth: 181.99 PPM		
Acid Soluble Calcium			307 1.12 .65			422 0.39 -1.08			409 3.00 -.03			Cadmium		
<u>ICP</u>			361 1.11 .39			Meth: 144.XX PCT			096 3.00 -.03			<u>Other</u>		
035	21.10	1.66	Avg	1.07		<u>Sulfur</u>			136 2.90 -.25			409 1.00 .00		
361	19.83	.56	009	1.06	-.08	009	0.68	2.16	376	2.73	-.66	Meth: 181.XX PPM		
422	19.52	.30	102	1.01	-.72	102	0.64 R	1.81	233	2.75	-.80	<u>Cadmium</u>		
Avg	19.17		320	1.00	-.79	361	0.50	.13	102	2.73	-.85	324	1.60	2.22
009	18.42	-.65	035	0.91	-1.74	Avg	0.49		Meth: 165.99 PCT			296	1.25	.96
102	18.22	-.82	Meth: 121.XX PCT			232	0.48	-.17	Acid Soluble Boron			106	1.20	.85
320	17.92	-1.12	<u>Acid Soluble Magnesi</u>			288	0.48	-.17	<u>Other</u>			040	1.02	.38
Meth: 101.99 PCT			422 2.03 s 10.83			247	0.47	-.25	422 0.025 1.31			376	1.03	.17
Acid Soluble Calcium			232 1.20 1.38			035	0.44	-.62	Avg 0.010			102	1.02	.11
<u>Other</u>			096 1.16 .92			422	0.39	-1.15	009 0.004 -.53			409	1.00	.05
376	18.10	.00	307	1.12	.64	Meth: 151.00 PPM			232 0.001 -.71			Avg	0.98	
Meth: 101.XX PCT			095 1.12 .49			Arsenic			Meth: 181.00 PPM			393	0.93	-.21
Acid Soluble Calcium			361 1.11 .35			<u>Atomic Absorption</u>			Cadmium			232	0.79	-.72
035	21.10	1.88	Avg	1.07		040	3.99	1.24	<u>Atomic Absorption</u>			136	0.70	-1.08
361	19.83	.70	009	1.06	-.13	Avg	3.21		296 1.25 1.00			009	0.65	-1.21
422	19.52	.41	102	1.01	-.81	136	2.90	-.50	040 1.02 .39			035	0.64	-1.24
Avg	19.08		320	1.00	-.88	233	2.75	-.84	Avg 0.99			Meth: 190.00 PCT		
009	18.42	-.63	035	0.91	-1.88	Meth: 151.30 PPM			136 0.70 -1.16			Water Soluble Chlори		
095	18.35	-.68	Meth: 144.01 PCT			Arsenic			Meth: 181.30 PPM			<u>Titrimetric</u>		
102	18.22	-.80	Sulfur			<u>ICP</u>			Cadmium			422 9.39 -.71		
376	18.10	-.90	<u>Gravimetric</u>			106 4.40 1.61			<u>ICP</u>			Meth: 190.99 PCT		
320	17.92 R	-1.14	288	0.48	.71	Avg	3.21		324 1.60 2.01			Water Soluble Chlори		
						096	3.00	-.27	106 1.20 .77			<u>Other</u>		
						376	2.73	-.62	376 1.03 .16			009 9.79 .09		
						102	2.73	-.69	102 1.02 .11			Avg 9.77		

* 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: 190.99 PCT			Meth: 191.XX PPM			Meth: 221.00 PCT			Meth: 241.30 PCT			Meth: 251.99 PPM		
<u>Water Soluble Chlori</u>			<u>Chromium</u>			<u>Acid Soluble Copper</u>			<u>Acid Soluble Iron</u>			<u>Lead</u>		
<u>Other</u>			409 51.50 R	- .65		<u>Atomic Absorption</u>			<u>ICP</u>			<u>Other</u>		
288 9.75	-1.22		232 48.00	- .88		043 0.0039 S	.00		035 0.35	1.47		376 1.81	.87	
			035 43.25	-1.66					009 0.34	1.11		Avg 1.41		
Meth: 190.XX PCT			393 37.30 s	-3.99		Meth: 221.30 PCT			320 0.33 R	.67		409 1.00	- .86	
<u>Water Soluble Chlori</u>						<u>Acid Soluble Copper</u>			102 0.32	.11				
288 9.75	1.23		Meth: 202.30 PPM			<u>ICP</u>			Avg 0.31			Meth: 251.XX PPM		
009 9.79	.51		<u>Acid Soluble Cobalt</u>			422 0.0045	2.02		422 0.31	- .11		<u>Lead</u>		
Avg 9.64			<u>ICP</u>			354 0.0015	.33		096 0.31	- .11		393 13.56	2.14	
422 9.39	- .85		389 4.70	1.54		Avg 0.0014			232 0.28	-1.09		324 3.95 R	.21	
			009 4.40	1.20		330 0.0010	- .26		402 0.28	-1.37		Avg 3.40		
Meth: 191.30 PPM			040 3.80	.50		393 0.0009	- .29					376 1.81	- .34	
<u>Chromium</u>			324 3.45	.31		324 0.0003	- .70		Meth: 241.XX PCT			040 1.45	- .41	
<u>ICP</u>			Avg 3.36			232 0.0001	- .82		<u>Acid Soluble Iron</u>			136 1.40	- .43	
096 63.00	1.55		035 3.11	- .29					035 0.35	1.53		389 1.20	- .46	
009 60.40	1.16		102 2.69	- .78		Meth: 221.99 PCT			009 0.34	1.15		409 1.00	- .51	
389 55.00	.25		106 2.45	-1.06		<u>Acid Soluble Copper</u>			320 0.33 R	.69				
102 53.45	.22		232 2.30	-1.23		<u>Other</u>			095 0.32	.27		Meth: 261.00 PCT		
Avg 53.44			320 1.50 R	-2.22		409 0.0001	.00		102 0.32	.09		<u>Acid Soluble Mangane</u>		
376 52.86	- .10								Avg 0.31			<u>AA</u>		
324 51.60	- .30		Meth: 202.99 PPM			Meth: 221.XX PCT			422 0.31	- .16		095 0.044 S	.00	
232 48.00	- .88		<u>Acid Soluble Cobalt</u>			<u>Acid Soluble Copper</u>			096 0.31	- .16				
			<u>Other</u>			043 0.0039 s	2.72		232 0.28	-1.20		Meth: 261.30 PCT		
393 37.30 s	-3.99		409 3.50	.71		422 0.0045	2.21		402 0.28	-1.50		<u>Acid Soluble Mangane</u>		
						354 0.0015	.38					<u>ICP</u>		
Meth: 191.99 PPM			Meth: 202.XX PPM			Avg 0.0012			Meth: 251.00 PPM			422 0.075 s	85.82	
<u>Chromium</u>			<u>Acid Soluble Cobalt</u>			330 0.0010	- .15		<u>Lead</u>			096 0.009	1.24	
<u>Other</u>			389 4.70	1.52		393 0.0009	- .18		<u>Atomic Absorption</u>			009 0.009	.95	
409 51.50	.71		009 4.40	1.22		324 0.0003	- .60		040 1.45	.59		102 0.009	.53	
			040 3.80	.62		232 0.0001	- .73		Avg 1.42			Avg 0.008		
Meth: 191.XX PPM			409 3.50	.59		409 0.0001	- .73		136 1.40	-1.07		232 0.008	- .64	
<u>Chromium</u>			324 3.45	.36								320 0.008	- .84	
096 63.00	1.55		Avg 3.19			Meth: 241.00 PCT			Meth: 251.30 PPM			035 0.007	-1.29	
009 60.40	1.16		035 3.11	- .09		<u>Acid Soluble Iron</u>			<u>Lead</u>					
389 55.00	.25		102 2.69	- .51		<u>Atomic Absorption</u>			<u>ICP</u>			Meth: 261.XX PCT		
102 53.45	.22		106 2.45	- .76		095 0.32	.71		393 13.56	1.26		<u>Acid Soluble Mangane</u>		
Avg 53.44			232 2.30	- .90					Avg 6.23			422 0.075 s	85.82	
376 52.86	- .10		320 1.50	-1.78					324 3.95	- .42		095 0.044 s	65.96	
324 51.60	- .30								389 1.20	- .86		096 0.009	1.24	
* 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: 261.XX PCT			Meth: 289.XX PPM			Meth: 291.XX PPM			Meth: 311.99 PCT			Meth: 321.30 PCT		
<u>Acid Soluble Mangane</u>			<u>Molybdenum</u>			<u>Nickel</u>			<u>Sodium</u>			<u>Acid Soluble Zinc</u>		
009	0.009	.95	393	33.97 s	51.57	096	27.50 s	5.46	<u>Other</u>			<u>ICP</u>		
102	0.009	.53	409	5.50	1.65	009	19.75	1.25	009	0.31	.03	040	0.001	.02
Avg	0.008		040	5.45	1.45	102	19.19	.88	Avg	0.31		Avg	0.001	
232	0.008	-.64	009	4.90	.68	376	18.91	.71	232	0.29	-.32	035	0.001	-.61
320	0.008	-.84	324	4.55	.52	324	18.00	.24	102	0.28	-.61	102	0.001	-2.20
035	0.007	-1.29	232	4.55	.39	232	17.90	.19	035	0.25	-1.10	Meth: 321.99 PCT		
Meth: 281.30 PPM			Avg	4.42		Avg	17.61		Meth: 311.XX PCT			Acid Soluble Zinc		
Mercury			102	4.28	-.20	409	17.00	-.65	<u>Sodium</u>			<u>Other</u>		
ICP			422	4.10	-.44	106	15.50	-1.20	422	0.43	2.12	409	0.003	.71
040	20.50	.71	035	4.04	-.56	035	14.65	-1.65	307	0.32	.29	Meth: 321.XX PCT		
Meth: 289.00 PPM			296	4.00	-.58	393	14.91 R	-2.52	009	0.31	.12	<u>Acid Soluble Zinc</u>		
Molybdenum			106	4.15	-.73	Meth: 301.00 PPM			Avg	0.31		422	0.025 s	41.20
<u>Atomic Absorption</u>			389	3.10	-1.84	Selenium			232	0.29	-.24	096	0.017 s	26.29
040	5.45	.88	251	0.00 s	-6.13	<u>Atomic Absorption</u>			102	0.28	-.54	393	0.004 R	3.43
Avg	4.73		Meth: 291.30 PPM			040	0.03	.00	320	0.27	-.66	409	0.003	2.04
296	4.00	-.86	Nickel			Meth: 301.30 PPM			035	0.25	-1.05	043	0.003 R	1.82
Meth: 289.30 PPM			<u>ICP</u>			Selenium			Meth: 321.00 PCT			296	0.002	.74
Molybdenum			096	27.50 s	6.24	<u>ICP</u>			Acid Soluble Zinc			330	0.002	.71
ICP			009	19.75	1.15	009	5.80	-.71	<u>Atomic Absorption</u>			320	0.002	.41
393	33.97 s	65.77	102	19.19	.68	Meth: 301.XX PPM			043	0.003 R	1.98	009	0.002	.26
009	4.90	1.23	376	18.91	.47	Selenium			296	0.002	.95	324	0.002	.10
324	4.55	.86	Avg	18.21		009			028	0.002	.28	232	0.002	.06
232	4.55	.75	324	18.00	-.19	Avg			095	0.001	-1.23	028	0.002	.06
102	4.28	.14	232	17.90	-.25	040			Meth: 321.30 PCT			040	0.001	-.16
Avg	4.21		106	15.50	-1.84	040			Acid Soluble Zinc			035	0.001	-.63
422	4.10	-.19	393	14.91 s	-3.31	Meth: 311.30 PCT			<u>ICP</u>			095	0.001	-1.49
035	4.04	-.38	Meth: 291.99 PPM			Sodium			422	0.025 s	54.33	102	0.001	-1.84
106	4.15	-.80	Nickel			<u>Flame Photometric</u>			096	0.017 s	34.75			
389	3.10	-1.96	<u>Other</u>			320			393	0.004 R	4.72			
251	0.00 s	-7.41	409	17.00	.96	Avg			330	0.002	1.14			
Meth: 289.99 PPM			Avg	15.83		Meth: 311.99 PCT			320	0.002	.69			
Molybdenum			035	14.65	-.76	Sodium			009	0.002	.57			
<u>Other</u>						<u>Other</u>			324	0.002	.33			
409	5.50	.71				422			232	0.002	.30			
* X=Excluded from lab performance			S/s=Screened Outlier			307			A=Analysis beyond 3-s limits					
						0.32								

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	9	0.00	1.03	0.07	101.XX	8	- 0.13	1.03	0.15
001.99	9	0.00	1.01	0.20	121.30	9	1.15	3.59	0.18
001.XX	18	0.00	1.01	0.10	121.XX	10	1.08	3.55	0.18
010.11	7	- 2.53	10.58	0.52	144.99	7	0.23	1.13	0.18
010.12	6	- 0.80	2.17	0.29	144.XX	8	0.22	1.14	0.18
010.60	53	- 0.05	1.28	0.44	151.00	3	0.00	1.08	0.24
010.99	5	- 3.11	4.81	0.64	151.30	4	0.00	1.00	0.36
010.XX	68	- 0.36	2.21	0.87	151.XX	8	0.38	1.41	0.49
020.10	7	- 0.13	1.00	0.53	165.99	3	0.000	1.079	0.239
020.20	19	- 0.05	1.11	0.52	165.XX	3	0.000	1.079	0.239
020.40	5	- 1.09	2.53	0.64	181.00	3	0.00	1.04	0.33
020.50	6	0.00	0.99	0.31	181.30	8	0.00	1.02	0.18
020.XX	39	- 0.13	1.09	0.43	181.XX	12	0.00	0.99	0.23
030.10	2	0.00	1.22	0.03	190.99	2	0.00	0.12	0.86
030.20	2	0.00	1.21	0.13	190.XX	3	0.00	0.74	0.69
030.40	2	0.00	1.08	0.41	191.30	9	- 0.29	1.29	1.02
030.XX	6	0.00	1.04	0.14	191.XX	10	- 0.29	1.22	0.98
040.10	2	0.00	1.21	0.12	202.30	9	- 0.24	1.20	0.23
040.40	2	0.00	0.63	0.74	202.XX	10	0.00	0.99	0.25
040.XX	6	0.00	1.01	0.25	221.30	6	0.0000	1.0282	0.1887
041.10	20	- 0.07	0.98	0.57	221.XX	8	0.2188	1.1309	0.7564
041.20	2	0.00	0.65	0.73	241.30	8	0.07	0.98	0.16
041.40	5	1.14	2.71	0.79	241.XX	9	0.06	0.98	0.16
041.50	10	0.00	1.02	0.13	251.00	2	0.00	0.11	0.86
041.60	14	- 0.05	0.99	0.24	251.30	3	0.00	1.11	0.08
041.XX	43	0.09	1.19	0.41	251.99	2	0.00	1.21	0.12
048.20	4	0.00	1.07	0.12	251.XX	7	0.02	0.96	0.07
048.XX	4	0.00	1.07	0.12	261.30	7	12.226	32.361	2.428
050.00	20	- 0.18	1.20	0.38	261.XX	8	16.473	32.279	16.800
050.30	11	0.15	1.06	0.49	289.00	2	0.00	1.21	0.13
050.50	7	- 0.70	2.05	0.47	289.30	10	4.50	17.03	12.56
050.51	12	0.00	1.01	0.16	289.XX	13	2.68	11.67	8.68
050.60	6	0.00	0.97	0.37	291.30	8	0.50	2.58	0.91
050.61	6	0.61	1.72	0.46	291.99	2	0.00	1.03	0.47
050.99	12	0.35	1.50	0.69	291.XX	10	0.40	2.04	0.69
050.XX	69	0.08	1.40	0.49	301.XX	2	0.00	1.22	0.02
060.00	7	5.14	13.61	0.50	311.99	6	0.00	1.04	0.11
060.XX	8	1.26	3.69	0.04	311.XX	7	0.00	1.03	0.15
101.30	6	0.00	1.03	0.16	321.00	4	0.448	1.279	0.420

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
321.30	11	8.406	18.116	3.435					
321.XX	15	2.081	6.817	0.371					