

- Pass 1 Results for 84 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
Ammoniacal Nitrogen, MgO Distillation	920.03	001.10	5	11.81	0.24	0.06	5	11.81	0.24	0.06
Ammoniacal Nitrogen, Other		001.99	9	11.79	0.41	0.05	9	11.79	0.41	0.05
Method Group 001.XX PCT			14	11.80	0.35	0.05	14	11.80	0.35	0.05
Nitrate Nitrogen, Other		002.99	2	0.01	0.01	0.00	2	0.01	0.01	0.00
Ammon & Nitrate N, Devarda	892.01	009.10	3	11.86	0.43	0.19	3	11.86	0.43	0.19
Ammon & Nitrate N, Other		009.99	1	12.07	0.01	0.01	1	12.07	0.01	0.01
Method Group 009.XX PCT			4	11.91	0.38	0.14	4	11.91	0.38	0.14
Total Nitrogen, Modified Comprehensive	978.02	010.11	7	12.08	0.11	0.06	7	12.08	0.11	0.06
Total Nitrogen, Salicylic	955.04D	010.12	3	12.06	0.24	0.04	3	12.06	0.24	0.04
Total Nitrogen, Combustion		010.60	58	12.02	0.19	0.09	55	12.03	0.17	0.08
Total Nitrogen, Other		010.99	6	12.10	0.08	0.03	6	12.10	0.08	0.03
Method Group 010.XX PCT			74	12.03	0.18	0.08	70	12.04	0.16	0.07
Total Phosphate, Grav Quimociac	962.02	020.10	8	40.51	0.55	0.17	8	40.51	0.55	0.17
Total Phosphate, Spectrometric	958.01	020.20	15	40.38	0.81	0.41	14	40.52	0.62	0.34
Total Phosphate, Automated	978.01	020.40	6	40.59	0.37	0.09	6	40.59	0.37	0.09
Total Phosphate, ICP		020.50	10	40.31	1.08	0.94	11	39.83	1.28	0.57
Total Phosphate, Other		020.99	3	40.43	0.33	0.09	3	40.43	0.33	0.09
Method Group 020.XX PCT			42	40.42	0.77	0.42	39	40.49	0.59	0.26
Insoluble Phosphate, Grav Quimociac	963.03C	030.10	1	0.17	0.01	0.01	1	0.17	0.01	0.01
Insoluble Phosphate, Spectrometric	963.03C	030.20	1	0.22	0.06	0.08	1	0.22	0.06	0.08
Insoluble Phosphate, Automated	978.01	030.40	1	0.20	0.07	0.10	1	0.20	0.07	0.10
Insoluble Phosphate, Other		030.99	2	0.19	0.08	0.04	2	0.19	0.08	0.04
Method Group 030.XX PCT			5	0.19	0.06	0.06	5	0.19	0.06	0.06
InDir Available Phosphate, Grav Quim	960.02	040.10	1	40.58	0.03	0.04	1	40.58	0.03	0.04
InDir Available Phosphate, Spectrometri	960.02	040.20	1	40.47	0.05	0.07	1	40.47	0.05	0.07
InDir Available Phosphate, Other		040.99	2	40.51	0.08	0.06	2	40.51	0.08	0.06
Method Group 040.XX PCT			4	40.52	0.07	0.06	4	40.52	0.07	0.06
Dir Available Phosphate, Grav Quimociac	960.03E	041.10	14	40.44	0.29	0.22	13	40.46	0.24	0.15
Dir Available Phosphate, Spectrometric	960.03D	041.20	3	39.99	0.17	0.20	3	39.99	0.17	0.20
Dir Available Phosphate, Automated	978.01	041.40	5	40.46	0.33	0.09	5	40.46	0.33	0.09
Dir Available Phosphate, ICP		041.50	7	40.10	0.39	0.29	7	40.10	0.39	0.29
Dir Available Phosphate, EDTA Extract	993.01	041.60	11	40.01	0.43	0.23	11	40.01	0.43	0.23
Dir Available Phosphate, Other		041.99	2	40.12	0.33	0.55	2	40.12	0.33	0.55
Method Group 041.XX PCT			44	40.19	0.45	0.25	42	40.19	0.44	0.21
Water Soluble Phosphate, Spectrometric	970.01	048.20	4	35.77	0.67	0.08	4	35.77	0.67	0.08
Water Soluble Phosphate, ICP		048.50	1	35.71	0.06	0.08	1	35.71	0.06	0.08
Method Group 048.XX PCT			5	35.76	0.59	0.08	5	35.76	0.59	0.08
Soluble Potash, STPB Oxalate	958.02	050.00	1	0.20	0.14	0.20	1	0.20	0.14	0.20
Soluble Potash, ICP (Oxalate)		050.50	1	0.00	0.00	0.00	1	0.00	0.00	0.00

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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
Soluble Potash, ICP (Citrate)		050.51	5	0.12	0.05	0.02	5	0.12	0.05	0.02
Soluble Potash, Flame (Citrate)	983.02(b)	050.61	1	0.71	0.01	0.01	1	0.71	0.01	0.01
Soluble Potash, Other		050.99	4	0.10	0.07	0.01	3	0.10	0.08	0.00
Method Group 050.XX PCT			12	0.16	0.18	0.03	10	0.10	0.07	0.02
Free Water, Vacuum Oven	965.08B	060.00	5	0.61	0.15	0.04	5	0.61	0.15	0.04
Method Group 060.XX PCT			5	0.61	0.15	0.04	5	0.61	0.15	0.04
Acid Soluble Calcium, ICP		101.30	14	0.23	0.02	0.01	14	0.23	0.02	0.01
Acid Soluble Magnesium, ICP		121.30	20	0.43	0.04	0.01	19	0.43	0.04	0.01
Sulfur, Gravimetric	980.02a	144.01	12	8.70	2.45	0.13	12	8.70	2.45	0.13
Sulfur, Gravimetric	980.02b	144.02	2	7.06	2.24	0.02	2	7.06	2.24	0.02
Sulfur, Gravimetric	980.02c	144.03	1	5.21	0.08	0.12	1	5.21	0.08	0.12
Sulfur, Other		144.99	31	9.01	2.46	0.20	30	8.98	2.49	0.14
Method Group 144.XX PCT			46	8.76	2.49	0.17	44	8.69	2.52	0.12
Arsenic, ICP		151.30	7	8.63	2.74	0.42	7	8.63	2.74	0.42
Acid Soluble Boron, Other		165.99	11	0.017	0.011	0.001	11	0.017	0.011	0.001
Cadmium, Atomic Absorption		181.00	1	4.61	0.08	0.11	1	4.61	0.08	0.11
Cadmium, ICP		181.30	11	3.55	0.54	0.20	10	3.62	0.51	0.14
Method Group 181.XX PPM			12	3.64	0.60	0.19	11	3.71	0.56	0.14
Water Soluble Chlorine, Other		190.99	1	9.14	0.13	0.18	1	9.14	0.13	0.18
Chromium, ICP		191.30	13	70.08	5.91	1.64	13	70.08	5.91	1.64
Acid Soluble Cobalt, ICP	965.11	202.30	8	3.46	0.48	0.20	8	3.46	0.48	0.20
Acid Soluble Cobalt, Other		202.99	1	5.08	0.10	0.14	1	5.08	0.10	0.14
Method Group 202.XX PPM			9	3.64	0.69	0.20	9	3.64	0.69	0.20
Acid Soluble Copper, Atomic Absorption	975.01	221.00	3	0.0025	0.0030	0.0001	3	0.0025	0.0030	0.0001
Acid Soluble Copper, ICP		221.30	9	0.0004	0.0005	0.0001	8	0.0003	0.0002	0.0000
Method Group 221.XX PCT			13	0.0013	0.0021	0.0001	12	0.0013	0.0022	0.0001
Acid Soluble Iron, Atomic Absorption	980.01	241.00	2	1.00	0.00	0.00	2	1.00	0.00	0.00
Acid Soluble Iron, ICP		241.30	15	0.99	0.05	0.02	14	0.99	0.04	0.01
Method Group 241.XX PCT			17	0.99	0.04	0.02	15	0.99	0.04	0.01
Lead, ICP		251.30	7	1.88	1.58	0.46	6	1.54	1.31	0.08
Acid Soluble Manganese, AA	972.02a	261.00	1	0.027	0.000	0.000	1	0.027	0.000	0.000
Acid Soluble Manganese, ICP	972.02a	261.30	18	0.027	0.002	0.001	16	0.027	0.002	0.001
Method Group 261.XX PCT			19	0.027	0.002	0.001	17	0.027	0.002	0.001
Mercury, ICP		281.30	2	0.18	0.21	0.01	2	0.18	0.21	0.01
Molybdenum, ICP		289.30	12	11.57	1.04	0.49	11	11.66	0.96	0.29
Nickel, ICP		291.30	9	15.07	0.96	0.47	8	15.13	0.94	0.29
Selenium, ICP		301.30	4	1.46	1.41	0.10	4	1.46	1.41	0.10
Sodium, Other		311.99	6	0.13	0.03	0.01	6	0.13	0.03	0.01
Acid Soluble Zinc, Atomic Absorption	975.02	321.00	12	0.958	0.049	0.022	11	0.954	0.047	0.016

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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
Acid Soluble Zinc, ICP	.....	321.30	41	0.982	0.068	0.023	38	0.980	0.068	0.018
Acid Soluble Zinc, Other	.....	321.99	1	1.040	0.000	0.000	1	1.040	0.000	0.000
Method Group	321.XX PCT		54	0.978	0.065	0.022	50	0.976	0.065	0.017
Water Soluble Zinc, ICP	.....	325.30	4	0.766	0.283	0.045	4	0.766	0.283	0.045
Water Soluble Zinc, Other	.....	325.99	1	1.011	0.036	0.051	1	1.011	0.036	0.051
Method Group	325.XX PCT		5	0.815	0.270	0.046	5	0.815	0.270	0.046

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 001.10 PCT											
Ammoniacal Nitrogen											
MgO Distillation											
416	12.03	.91									
444	11.98	.73									
456	11.96	.62									
Avg	11.81										
Meth: 002.99 PCT											
Nitrate Nitrogen											
029	11.59	-.90									
232	11.48	-1.39									
230	3.71 s	-33.66									
Meth: 001.99 PCT											
Ammoniacal Nitrogen											
Other											
096	12.07	.69									
371	12.07	.68									
419	12.05	.65									
397	12.03	.59									
409	12.00	.50									
420	11.90	.27									
393	11.80	.21									
Avg	11.79										
Meth: 009.99 PCT											
Ammon & Nitrate N											
027	11.35	-1.09									
368	10.86	-2.29									
Meth: 001.XX PCT											
Ammoniacal Nitrogen											
096	12.07	.78									
371	12.07	.77									
419	12.05	.74									
397	12.03	.67									
416	12.03	.65									
409	12.00	.57									
444	11.98	.53									
456	11.96	.45									
420	11.90	.30									
Avg	11.80										
Meth: 010.11 PCT											
Total Nitrogen											
Modified Comprehensi											
211	12.02	-.58									
309	12.08	-.66									
029	11.97	-.99									
105	11.95	-1.18									
Meth: 010.12 PCT											
Total Nitrogen											
Salicylic											
455	12.37	1.29									
Avg	12.06										
Meth: 009.10 PCT											
Ammon & Nitrate N											
Devarda											
258	12.20	.91									
090	12.05	.45									
Avg	11.86										
Meth: 010.60 PCT											
Total Nitrogen											
Combustion											
230	13.40 s	8.23									
042	13.15 s	6.47									
255	12.47	2.55									
360	12.33	1.81									
043	12.30	1.59									
453	12.11 R	1.37									
177	12.24	1.20									
035	12.20	1.13									
296	12.22	1.12									
231	12.22	1.11									
055	12.17	1.01									
377	12.18	.89									
072	12.14	.87									
049	12.18	.86									
419	12.15	.77									
106	12.15	.77									
073	12.16	.74									
029	12.13	.68									
025	12.14	.63									
402	12.14	.63									
Meth: 009.99 PCT											
Ammon & Nitrate N											
258	12.20	.93									
300	12.07	.41									
090	12.05	.38									
Avg	11.91										
Meth: 010.11 PCT											
Total Nitrogen											
Modified Comprehensi											
460	12.25	1.54									
456	12.19	.91									
114	12.13	.40									
Meth: 010.60 PCT											
Total Nitrogen											
Combustion											
037	12.10	.48									
351	12.10	.45									
291	12.10	.43									
007	12.10	.43									
307	12.10	.42									
233	12.09	.41									
057	12.06	.31									
027	12.08	.29									
247	12.08	.29									
292	12.08	.28									
096	12.07	.28									
393	12.06	.23									
354	12.06	.21									
390	12.03	.02									
Avg	12.03										
Meth: 010.60 PCT											
Total Nitrogen											
Combustion											
232	12.02	-.11									
136	12.03	-.20									
131	11.99	-.39									
368	11.96	-.41									
040	11.95	-.44									
102	12.02	-.49									
325	11.95	-.52									
423	11.91	-.67									
034	11.91	-.75									
444	11.89	-.87									
041	11.93	-.92									
070	11.99 R	-1.00									
028	11.85	-1.01									
389	11.85	-1.02									
450	11.85	-1.05									
023	11.83	-1.13									
009	11.83	-1.13									
406	11.81	-1.24									
234	11.81	-1.32									
157	11.79	-1.39									
428	11.75	-1.61									
443	11.75	-1.61									
Meth: 010.99 PCT											
Total Nitrogen											
Other											
072	12.23	1.62									
105	12.14	.58									
300	12.12	.30									
Avg	12.10										
Meth: 010.XX PCT											
Total Nitrogen											
230	13.40 s	8.63									
042	13.15 s	6.76									
255	12.47	2.61									
455	12.37	1.98									
360	12.33	1.82									
043	12.30	1.58									
453	12.11 R	1.42									
460	12.25	1.30									
177	12.24	1.17									
072	12.23	1.12									
035	12.20	1.11									
296	12.22	1.09									
231	12.22	1.07									
055	12.17	.99									
456	12.19	.87									
072	12.14	.85									
377	12.18	.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	Lab	Average*	Index
Meth: 010.XX PCT														
Total Nitrogen														
049	12.18	.81	325	11.95	-.64	234	41.52	1.86	393	40.10	.21	096	40.65	.26
106	12.15	.72	117	11.93	-.72	406	41.50	1.59	389	39.85	.04	292	40.58	.14
419	12.15	.72	423	11.91	-.81	232	41.08	.92	Avg	40.30		405	40.58	.14
073	12.16	.69	034	11.91	-.89	231	40.70	.44	432	39.69	-.25	Avg	40.49	
029	12.13	.64	185	11.88	-1.00	419	40.70	.34	368	39.47	-.28	444	40.39	-.19
105	12.14	.61	444	11.89	-1.02	409	40.70	.29	255	39.80	-.57	371	40.38	-.30
025	12.14	.57	041	11.93	-1.05	292	40.58	.09	390	37.80 S	-1.67	363	40.26	-.39
402	12.14	.56	070	11.99 R	-1.09	Avg	40.52		444	37.59 S	-1.75	402	40.25	-.44
114	12.13	.51	028	11.85	-1.18	371	40.38	-.32	137	40.19	-.51	137	40.19	-.51
309	12.08	.50	389	11.85	-1.18	363	40.26	-.42	420	40.19	-.53	420	40.19	-.53
300	12.12	.48	450	11.85	-1.22	420	40.19	-.55	Meth: 020.99 PCT			456	40.15	-.58
037	12.10	.43	023	11.83	-1.30	416	40.15	-.60	Total Phosphate			416	40.15	-.58
351	12.10	.38	009	11.83	-1.30	460	40.03	-.80	Other			453	40.45	-.61
291	12.10	.35	406	11.81	-1.42	450	39.71	-1.45	455	40.85	1.27	042	40.10	-.66
307	12.10	.35	234	11.81	-1.50	258	39.77	-1.60	Avg	40.43		393	40.10	-.67
007	12.10	.35	157	11.79	-1.58	428	38.47 R	-3.51	137	40.19	-.72	117	40.05	-.75
233	12.09	.34	428	11.75	-1.81	324	17.80 s	-36.86	443	26.41 S	-42.47	460	40.03	-.79
057	12.06	.28	443	11.75	-1.81	Meth: 020.40 PCT								
371	12.08	.25	324	11.75	-1.81	Total Phosphate								
027	12.08	.22	426	11.77 R	-1.84	Automated								
247	12.08	.22	330	11.70	-2.18	035	41.02	1.19	330	41.90	2.54	258	39.77	-1.63
096	12.07	.21	018	11.40 A	-3.92	247	40.82	.67	234	41.52	1.99	255	39.80 R	-1.70
292	12.08	.20	260	11.05 s	-6.12	105	40.81	.60	406	41.50	1.71	368	39.47	-1.73
393	12.06	.16	405	10.91 s	-6.94	096	40.65	.16	114	41.24	1.27	041	39.45	-1.79
354	12.06	.12	Meth: 020.10 PCT									428	38.47 R	-3.62
Avg	12.04		Total Phosphate									307	40.36 R	-4.00
137	12.03	-.08	Grav Quimociac									390	37.80 s	-4.71
390	12.03	-.08	114	41.24	1.33	Avg	40.59		157	40.85	.74	444	37.59 s	-4.92
211	12.02	-.17	157	40.85	.77	456	40.15	-1.21	423	40.85	.72	443	26.41 s	-23.90
232	12.02	-.19	105	40.81	.56	042	40.10	-1.34	455	40.85	.61	324	17.80 s	-38.46
136	12.03	-.24	090	40.75	.43	Meth: 020.50 PCT								
420	12.01	-.25	405	40.58	.11	Total Phosphate								
029	11.97	-.46	Avg	40.51		ICP								
131	11.99	-.49	444	40.39	-.25	307	40.36 R	1.88	105	40.81	.55	Meth: 030.10 PCT		
368	11.96	-.53	117	40.05	-.85	330	41.90	1.66	105	40.81	.54	Insoluble Phosphate		
102	12.02	-.55	041	39.45	-1.97	423	40.85	.82	231	40.70	.49	Grav Quimociac		
040	11.95	-.57	* X=Excluded from lab performance S/s=Screened Outlier R=Duplicate Range too large A=Analysis beyond 3-s limits									090	0.17	.71
105	11.95	-.60										409	40.70	.35

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 030.20 PCT											
Insoluble Phosphate											
<u>Spectrometric</u>											
409	0.22	.71									
Meth: 030.40 PCT											
Insoluble Phosphate											
<u>Automated</u>											
096	0.20	-.71									
Meth: 030.99 PCT											
Insoluble Phosphate											
<u>Other</u>											
247	0.26	.91									
Avg	0.19										
405	0.12	-.82									
Meth: 030.XX PCT											
<u>Insoluble Phosphate</u>											
247	0.26	1.20									
096	0.20	.84									
409	0.22	.81									
Avg	0.19										
090	0.17	-.46									
405	0.12	-1.21									
Meth: 040.10 PCT											
InDir Available Phos											
<u>Grav Quimociac</u>											
185	40.82	1.66									
136	40.79	1.34									
296	40.66	1.03									
131	40.65	.78									
009	40.55	.38									
040	40.51	.29									
Avg	40.46										
177	40.44	-.27									
029	40.33	-.62									
072	40.34	-.63									
049	40.41	-.66									
055	40.27	-.86									
211	40.20	-1.09									
254	40.07	-1.68									
260	40.10 R	-2.73									
105	40.01 s	-3.18									
102	38.84 s	-6.74									
Meth: 040.50 PCT											
InDir Available Phos											
<u>ICP</u>											
423	39.32 S	.00									
Meth: 040.99 PCT											
InDir Available Phosph											
<u>EDTA Extract</u>											
233	40.14	.54									
397	40.13	.31									
177	40.11	.24									
296	40.11	.23									
Avg	40.01										
043	39.97	-.19									
037	39.93	-.31									
106	39.33	-1.61									
073	39.22	-1.87									
351	36.18 s	-8.90									
Meth: 041.60 PCT											
Dir Available Phosph											
<u>EDTA Extract</u>											
233	40.14	.54									
397	40.13	.31									
177	40.11	.24									
296	40.11	.23									
Avg	40.01										
043	39.97	-.19									
037	39.93	-.31									
106	39.33	-1.61									
073	39.22	-1.87									
351	36.18 s	-8.90									
Meth: 041.99 PCT											
Dir Available Phosph											
<u>Other</u>											
230	40.15	1.06									
Avg	40.12										
105	40.10	-.62									
Meth: 041.XX PCT											
<u>Dir Available Phosph</u>											
325	42.15 s	4.43									
018	41.55 s	3.23									
185	40.82	1.47									
027	40.84	1.47									
136	40.79	1.34									
034	40.73	1.21									
296	40.66	1.11									
029	40.68	1.09									
131	40.65	1.03									
377	40.60	1.03									
354	40.30	.92									
131	40.56	.83									
009	40.55	.81									
040	40.51	.72									
291	40.50	1.02									
Avg	40.10										
043	39.84	-.65									
360	39.86	-.71									
007	39.83	-.72									
023	39.75	-.92									
009	37.93 S	-5.50									
393	37.87 S	-5.65									
Meth: 041.60 PCT											
Dir Available Phosph											
<u>EDTA Extract</u>											
018	41.55 S	3.72									
034	40.73	1.67									
105	40.19	.76									
231	40.25	.66									
Meth: 048.20 PCT											
Water Soluble Phosph											
<u>Spectrometric</u>											
420	36.85	1.61									

* 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:	048.20	PCT	Meth:	050.51	PCT	Meth:	060.00	PCT	Meth:	101.30	PCT
Water Soluble Phosph			Soluble Potash			Free Water			Acid Soluble Calcium		
<u>Spectrometric</u>			<u>ICP (Citrate)</u>			<u>Vacuum Oven</u>			<u>ICP</u>		
Avg	35.77		377	0.04	-1.74	096	0.77	1.18	247	0.22	-0.43
405	35.53	-0.36				363	0.77	1.04	423	0.22	-0.75
363	35.35	-0.62	Meth:	050.60	PCT	Avg	0.61		405	0.21	-0.96
096	35.34	-0.64	Soluble Potash			247	0.58	-0.17	354	0.19	-2.12
			<u>Flame (Oxalate)</u>			007	0.46	-0.99			
Meth:	048.50	PCT	309	37.32	S	416	0.45	-1.01			
Water Soluble Phosph									Meth:	121.30	PCT
<u>ICP</u>			Meth:	050.61	PCT	Meth:	060.99	PCT	Acid Soluble Magnesi		
393	35.71	.71	Soluble Potash			Free Water			<u>ICP</u>		
			<u>Flame (Citrate)</u>			Other			041	0.55	2.96
Meth:	048.00	PCT	018	0.71	.71	443	1.86	S	049	0.49	R
Water Soluble Phosph									354	0.48	1.23
<u>Spectrometric</u>			Meth:	050.99	PCT	Meth:	060.00	PCT	453	0.47	.88
420	36.85	1.84	Soluble Potash			Free Water			307	0.46	.76
Avg	35.76		<u>Other</u>			443	1.86	s	423	0.46	.59
393	35.71	-0.10	Soluble Potash			096	0.77	1.18	363	0.44	.20
405	35.53	-0.38	325	0.18	1.00	096	0.77	1.18	102	0.43	.07
363	35.35	-0.68	307	0.11	R	363	0.77	1.04	Avg	0.43	
096	35.34	-0.70	232	0.12	.21	Avg	0.61		419	0.43	-0.03
			Avg	0.10		247	0.58	-0.17	405	0.43	-0.05
Meth:	050.00	PCT	137	0.00	-1.21	007	0.46	-0.99	096	0.43	-0.22
Soluble Potash						416	0.45	-1.01	009	0.42	-0.27
<u>STPB Oxalate</u>			Meth:	050.00	PCT	Meth:	101.30	PCT	057	0.42	-0.35
009	0.20	-0.71	Soluble Potash			Acid Soluble Calcium			073	0.42	-0.39
			309	37.32	s	ICP			232	0.41	-0.47
Meth:	050.50	PCT	018	0.71	A	041	1.06	s	131	0.41	-0.63
Soluble Potash			009	0.20	R	453	0.27	2.03	389	0.41	-0.69
<u>ICP (Oxalate)</u>			325	0.18	1.18	049	0.25	1.25	420	0.40	-0.90
354	0.00	.00	453	0.17	.96	420	0.24	.90	247	0.38	-1.31
			009	0.15	.84	307	0.24	.54	027	0.37	-1.56
Meth:	050.51	PCT	393	0.14	.58	096	0.24	.45			
Soluble Potash			389	0.13	.43	057	0.23	.25	Meth:	144.01	PCT
<u>ICP (Citrate)</u>			307	0.11	.35	Avg	0.23		Sulfur		
453	0.17	.83	232	0.12	.21	Avg	0.23		<u>Gravimetric</u>		
009	0.15	.81	Avg	0.10		131	0.23	-0.14	029	10.61	.78
393	0.14	.33	377	0.04	-1.03	232	0.22	-0.26	296	10.54	.75
389	0.13	.14	354	0.00	-1.54	102	0.22	-0.27	055	10.50	.73
Avg	0.12		137	0.00	-1.54	009	0.22	-0.34	043	10.47	.72

* 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: 144.99 PCT																
Sulfur																
Other			037	10.46	.70	Meth: 144.99 PCT										
368	9.70 R	.48	233	10.45	.70	Arsenic										
360	10.16	.48	009	12.45	1.41	ICP										
389	10.15	.47	450	10.00	.50	Meth: 151.30 PPM										
363	10.14	.46	405	9.50	.36	ICP										
040	10.07	.44	247	8.94	.11	Meth: 181.30 PPM										
423	10.05	.43	Avg	8.63		Cadmium										
023	9.91	.37	232	3.39	-.47	ICP										
255	9.47	.21	405	3.00	-1.23	Meth: 191.30 PPM										
Avg	8.98		450	2.98	-1.28	Chromium										
232	8.52	-.20	233	2.92	-1.39	ICP										
009	8.46	-.23	444	2.88 R	-1.63	Meth: 202.30 PPM										
453	7.38	-.65	Meth: 181.30 PPM													
354	6.44	-1.02	Cadmium													
330	5.60	-1.36	363	4.61	1.59	Acid Soluble Cobalt										
027	5.26	-1.49	419	4.25	.96	ICP										
247	5.20	-1.52	393	4.08	.66	Meth: 190.99 PCT										
393	5.10	-1.56	247	3.95	.62	Water Soluble Chlori										
450	5.01	-1.60	009	4.05	.61	Other										
300	4.93	-1.63	368	3.92	.44	Meth: 191.30 PPM										
390	4.78	-1.69	Avg	3.71		Chromium										
Meth: 144.99 PCT																
Sulfur																
137	13.67	1.98	423	9.14	.71	Meth: 181.00 PPM										
049	11.72	1.20	Cadmium													
291	11.20	.99	Atomic Absorption													
157	11.15	.98	363	4.61	-.71	Meth: 191.30 PPM										
117	11.03	.93	ICP													
102	10.97	.91	419	4.25	1.25	Meth: 181.30 PPM										
307	10.67 R	.79	393	4.08	.91	Cadmium										
351	10.64	.77	009	4.05	.85	ICP										
029	10.61	.76	247	3.95	.82	Meth: 151.30 PPM										
296	10.54	.73	368	18.51 s	3.60	Arsenic										
177	10.54	.73	ICP													
055	10.50	.72	Meth: 191.30 PPM													
409	10.48	.71	Chromium													
043	10.47	.71	ICP													
Meth: 191.30 PPM																
Chromium																
368	70.80	.38	ICP													
102	72.12	.34	Meth: 202.99 PPM													
037	70.66	.22	Acid Soluble Cobalt													
247	71.00	.16	ICP													
Avg	70.08		009	3.95	1.07	Meth: 202.30 PPM										
049	68.83	-.24	057	3.84	1.03	Acid Soluble Cobalt										
405	68.50	-.28	037	3.90	.93	ICP										
027	67.05	-.52	247	3.65	.51	Meth: 190.99 PCT										
232	66.25	-.66	102	3.54	.17	Water Soluble Chlori										
096	61.50	-1.45	Avg	3.46		Other										
444	59.62	-1.78	450	3.15	-.64	Meth: 202.99 PPM										
Meth: 202.30 PPM																
Acid Soluble Cobalt																
ICP																
009	3.95	1.07	Meth: 191.30 PPM													
057	3.84	1.03	Chromium													
037	3.90	.93	ICP													
247	3.65	.51	Meth: 181.30 PPM													
102	3.54	.17	Cadmium													
Avg	3.46		ICP													
450	3.15	-.64	Meth: 190.99 PCT													
232	2.92	-1.11	Water Soluble Chlori													
419	2.70	-1.58	Other													
368	0.00 s	-7.17	Meth: 191.30 PPM													
Meth: 202.99 PPM																
Acid Soluble Cobalt																
Other																
393	5.08	.71	Meth: 181.30 PPM													
Chromium																
ICP																
419	92.50 s	4.52	Meth: 151.30 PPM													
057	3.84	.54	Arsenic													
009	3.95	.50	ICP													
037	3.90	.38	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419	4.25	1.25	Meth: 151.30 PPM													
393	4.08	.91	Arsenic													
009	4.05	.85	ICP													
247	3.95	.82	Meth: 181.51 s													
Meth: 181.51 s																
ICP																
Meth: 191.30 PPM																
Chromium																
ICP																
419																

Laboratory Averages & Accuracy Indexes

Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index	Lab	Average*	Index
Meth: 202.XX PPM											
<u>Acid Soluble Cobalt</u>											
247	3.65	.22									
Avg	3.64										
102	3.54	-.14									
450	3.15	-.70									
232	2.92	-1.03									
419	2.70	-1.36									
368	0.00 s	-5.24									
Meth: 221.00 PCT											
<u>Acid Soluble Copper</u>											
393	0.0005	-.34									
043	0.0005	-.38									
402	0.0004	-.40									
450	0.0004	-.40									
419	0.0004	-.42									
433	0.0002	-.50									
232	0.0002	-.51									
057	0.0001	-.54									
041	0.0000	-.59									
Meth: 241.00 PCT											
<u>Atomic Absorption</u>											
428	0.0065	1.29									
Avg	0.0025										
460	0.0007	-.61									
043	0.0005	-.68									
Meth: 221.30 PCT											
<u>Acid Soluble Copper</u>											
ICP											
255	0.0055 s	29.78									
354	0.0015 R	7.56									
393	0.0005	1.53									
402	0.0004	.74									
450	0.0004	.74									
419	0.0004	.54									
Avg	0.0003										
433	0.0002	-.45									
232	0.0002	-.61									
057	0.0001	-.92									
041	0.0000	-1.53									
Meth: 221.XX PCT											
<u>Acid Soluble Copper</u>											
428	0.0065	2.39									
255	0.0055	1.95									
354	0.0015 R	.25									
Avg	0.0013										
460	0.0007	-.28									
Meth: 221.XX PCT											
<u>Acid Soluble Iron</u>											
354	1.14 s	3.58									
049	1.08 s	2.79									
453	1.05 R	1.68									
096	1.04	1.31									
102	1.03	1.15									
307	1.03	1.15									
106	1.03	.94									
041	1.01 R	.75									
131	1.00	.35									
363	1.00	.34									
043	1.00	.26									
Avg	0.99										
419	0.99	-.03									
405	0.99	-.12									
423	0.98	-.23									
247	0.97	-.38									
009	0.97	-.40									
057	0.96	-.74									
444	0.93	-1.30									
027	0.88	-2.52									
Meth: 251.30 PPM											
<u>Lead</u>											
ICP											
419	3.95 R	2.11									
393	3.87	1.78									
450	2.00	.35									
232	1.88	.27									
Avg	1.54										
405	1.00	-.41									
102	0.33	-.92									
368	0.15	-1.06									
Meth: 261.00 PCT											
<u>Acid Soluble Manganese</u>											
423	0.98	-.22									
247	0.97	-.35									
009	0.97	-.38									
057	0.96	-.70									
444	0.93	-1.23									
027	0.88	-2.39									
Meth: 261.XX PCT											
<u>Acid Soluble Manganese</u>											
041	0.030	1.71									
106	0.030	1.71									
354	0.030	1.71									
009	0.028	.77									
453	0.028	.40									
043	0.027	.12									
102	0.027	.08									
Avg	0.027										
073	0.027	-.01									
423	0.027	-.25									
131	0.027	-.25									
049	0.027	-.37									
057	0.026	-.57									
419	0.026	-.77									
444	0.026	-.82									
Meth: 261.30 PCT											
<u>Acid Soluble Manganese</u>											
041	0.030	1.71									
106	0.030	1.71									
354	0.030	1.71									
009	0.028	.77									
453	0.028	.40									
043	0.027	.12									
102	0.027	.08									
Avg	0.027										
073	0.027	-.01									
423	0.027	-.25									
131	0.027	-.25									
049	0.027	-.37									
057	0.026	-.57									
419	0.026	-.77									
444	0.026	-.82									
Meth: 281.30 PPM											
<u>Mercury</u>											
ICP											
393	0.37	.87									
Avg	0.18										
450	0.00	-.87									
Meth: 289.30 PPM											
<u>Molybdenum</u>											
ICP											
232	12.65	1.04									
037	12.56	.95									
057	12.00	.63									
049	12.23	.62									
419	12.00	.35									
450	12.00	.35									
368	11.90	.32									
393	11.76	.11									
Avg	11.66										
102	11.47	-.21									
433	10.14	-1.60									
255	10.53 R	-1.83									
247	9.60	-2.18									
009	6.10 s	-5.82									
Meth: 291.30 PPM											
<u>Nickel</u>											
ICP											
444	25.77 s	11.33									
393	16.55	1.51									
450	16.00	.92									
247	15.50	.66									

* 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: 291.30 PPM											
Nickel											
ICP			Meth: 321.00 PCT			Meth: 321.30 PCT			Meth: 321.99 PCT		
037	15.65	.56	Acid Soluble Zinc			Acid Soluble Zinc			Acid Soluble Zinc		
Avg	15.13		Atomic Absorption			ICP			ICP		
049	14.93	-.27	177	0.966	.26	360	0.967	-.20	360	0.967	-.20
102	14.38	-.80	Avg	0.954		231	0.970	-.21	231	0.970	-.21
232	14.55 R	-1.18	351	0.950	-.09	423	0.965	-.24	423	0.965	-.24
419	14.00	-1.20	296	0.938	-.36	450	0.965	-.43	450	0.965	-.43
368	14.05	-1.21	040	0.936	-.40	255	0.951	-.45	255	0.951	-.45
009	11.05 s	-4.41	371	0.933	-.45	363	0.940	-.60	363	0.940	-.60
Meth: 301.30 PPM											
Selenium											
ICP			043	0.910	-.94	131	0.938	-.63	131	0.938	-.63
368	3.30	1.31	055	0.870	-1.81	023	0.937	-.64	023	0.937	-.64
232	2.10	.46	234	0.245 s	-14.93	291	0.935	-.67	291	0.935	-.67
Avg	1.46		Meth: 321.30 PCT								
393	0.44	-.72	ICP			Acid Soluble Zinc			Acid Soluble Zinc		
450	0.00	-1.03	049	1.207 S	3.32	444	0.913	-1.01	444	0.913	-1.01
Meth: 311.99 PCT											
Sodium											
Other			368	1.071 s	3.03	419	0.912	-1.01	419	0.912	-1.01
057	0.18	1.71	354	1.130	2.20	041	0.910	-1.03	041	0.910	-1.03
307	0.15	.65	057	1.106	1.84	433	0.908	-1.07	433	0.908	-1.07
009	0.13	.09	330	1.100	1.75	420	0.876	-1.53	420	0.876	-1.53
Avg	0.13		102	1.070 R	1.42	390	0.855	-1.83	390	0.855	-1.83
102	0.12	-.34	106	1.065	1.24	027	0.855	-1.83	027	0.855	-1.83
232	0.10	-.80	233	1.058	1.21	Meth: 321.99 PCT					
423	0.09	-1.18	073	1.045	.97	Acid Soluble Zinc					
Meth: 321.00 PCT											
Acid Soluble Zinc											
Atomic Absorption			432	1.045	.95	Other					
460	1.050	2.03	307	1.040	.86	137	1.040	.00	137	1.040	.00
258	1.005 R	1.44	009	1.035	.83	432	0.190 S	.00	432	0.190 S	.00
029	1.003	1.14	405	1.035	.80	Avg	1.040		Avg	1.040	
397	0.970	.53	090	1.025	.69	Meth: 321.99 PCT					
028	0.966	.28	300	1.025	.66	Acid Soluble Zinc					
Meth: 321.00 PCT											
Acid Soluble Zinc											
Atomic Absorption			426	0.998 R	.60	Other					
460	1.050	2.03	453	1.011	.58	137	1.040	.00	137	1.040	.00
258	1.005 R	1.44	292	1.010	.43	432	0.190 S	.00	432	0.190 S	.00
029	1.003	1.14	389	1.000	.29	Avg	1.040		Avg	1.040	
397	0.970	.53	037	0.996	.25	Meth: 321.99 PCT					
028	0.966	.28	409	0.990	.20	Acid Soluble Zinc					
Meth: 321.00 PCT											
Acid Soluble Zinc											
Atomic Absorption			460	1.050	2.03	Other					
460	1.050	2.03	037	0.996	.25	137	1.040	.00	137	1.040	.00
258	1.005 R	1.44	409	0.990	.20	432	0.190 S	.00	432	0.190 S	.00
029	1.003	1.14	247	0.993	.18	Avg	1.040		Avg	1.040	
397	0.970	.53	Avg	0.980		Meth: 321.99 PCT					
028	0.966	.28	324	0.975	-.11	Acid Soluble Zinc					
Meth: 321.00 PCT											
Acid Soluble Zinc											
Atomic Absorption			106	1.065	1.37	Other					
460	1.050	2.03	102	1.070 R	1.56	137	1.040	.00	137	1.040	.00
258	1.005 R	1.44	106	1.065	1.37	432	0.190 S	.00	432	0.190 S	.00
029	1.003	1.14	102	1.070 R	1.56	Avg	1.040		Avg	1.040	
397	0.970	.53	106	1.065	1.37	Meth: 321.99 PCT					
028	0.966	.28	106	1.065	1.37	Acid Soluble Zinc					
Meth: 321.00 PCT											
Acid Soluble Zinc											
Atomic Absorption			102	1.070 R	1.56	Other					
460	1.050	2.03	106	1.065	1.37	137	1.040	.00	137	1.040	.00
258	1.005 R	1.44	106	1.065	1.37	432	0.190 S	.00	432	0.190 S	.00
029	1.003	1.14	102	1.070 R	1.56	Avg	1.040		Avg	1.040	
397	0.970	.53	106	1.065	1.37	Meth: 321.99 PCT					
028	0.966	.28	106	1.065	1.37	Acid Soluble Zinc					
Meth: 321.00 PCT											
Acid Soluble Zinc											
Atomic Absorption			102	1.070 R	1.56	Other					
460	1.050	2.03	106	1.065	1.37	137	1.040	.00	137	1.040	.00
258	1.005 R	1.44	106	1.065	1.37	432	0.190 S	.00	432	0.190 S	.00
029	1.003	1.14	102	1.070 R	1.56	Avg	1.040		Avg	1.040	
397	0.970	.53	106	1.065	1.37	Meth: 321.99 PCT					
028	0.966	.28	106	1.065	1.37	Acid Soluble Zinc					

* 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	6	- 5.61	13.77	0.15	121.XX	20	0.07	1.03	0.15
001.99	9	0.00	1.03	0.09	144.01	12	0.00	1.02	0.03
001.XX	15	- 1.53	6.02	0.11	144.02	2	0.00	1.22	0.01
002.99	2	0.00	1.22	0.05	144.99	31	0.01	0.99	0.08
002.XX	2	0.00	1.22	0.05	144.XX	45	0.06	0.98	0.07
009.10	3	0.00	1.06	0.28	151.30	8	0.45	1.59	0.10
009.XX	4	0.00	1.03	0.28	151.XX	8	0.45	1.59	0.10
010.11	7	0.00	0.98	0.33	165.99	11	0.000	1.023	0.048
010.12	3	0.00	1.11	0.09	165.XX	11	0.000	1.023	0.048
010.60	62	- 0.02	1.99	0.46	181.30	11	- 0.13	1.05	0.29
010.99	6	0.00	1.02	0.21	181.XX	12	- 0.12	1.05	0.25
010.XX	75	- 0.06	1.95	0.45	191.30	14	0.27	1.40	0.68
020.10	8	0.00	1.01	0.22	191.XX	14	0.27	1.40	0.68
020.20	16	- 2.51	9.24	0.49	202.30	9	- 0.80	2.56	0.27
020.40	6	0.00	1.04	0.15	202.XX	10	- 0.52	1.91	0.18
020.50	12	0.03	0.94	0.60	221.00	3	0.0000	1.1179	0.0134
020.99	4	- 10.60	21.22	1.26	221.30	10	3.6755	9.4673	0.9749
020.XX	44	- 1.70	6.81	0.86	221.XX	13	0.0082	0.9790	0.0699
030.99	2	0.00	1.14	0.31	241.00	2	0.00	0.75	0.69
030.XX	5	0.00	0.86	0.55	241.30	17	0.41	1.33	0.46
040.99	2	0.00	0.95	0.55	241.XX	19	0.41	1.32	0.46
040.XX	5	- 3.48	7.83	1.35	251.30	7	0.26	1.18	0.39
041.10	16	- 0.64	1.92	0.92	251.XX	7	0.26	1.18	0.39
041.20	3	0.00	0.81	0.63	261.30	18	- 0.091	0.965	0.477
041.40	5	0.00	1.04	0.19	261.XX	19	- 0.089	0.967	0.480
041.50	10	- 0.59	3.18	0.40	281.30	2	0.00	1.22	0.02
041.60	13	- 0.41	2.86	0.49	281.XX	2	0.00	1.22	0.02
041.99	2	0.00	0.12	0.86	289.30	13	- 0.54	1.86	0.43
041.XX	39	- 0.29	2.13	0.67	289.XX	13	- 0.54	1.86	0.43
048.20	4	0.00	1.08	0.06	291.30	11	0.58	3.88	0.48
048.XX	5	0.00	1.06	0.06	291.XX	11	0.58	3.88	0.48
050.51	5	0.00	0.99	0.34	301.30	4	0.00	1.08	0.05
050.99	4	0.03	0.91	0.14	301.XX	4	0.00	1.08	0.05
050.XX	12	47.64	162.03	0.38	311.99	6	0.00	1.04	0.12
060.00	5	0.00	1.03	0.21	311.XX	6	0.00	1.04	0.12
060.XX	6	1.36	3.46	0.55	321.00	13	- 1.065	4.274	0.352
101.30	15	2.94	11.42	1.93	321.30	43	0.137	1.091	0.479
101.XX	15	2.94	11.42	1.93	321.99	2	0.000	0.000	0.000
121.30	20	0.07	1.03	0.15	321.XX	57	- 0.189	1.974	0.981

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
325.30	4	0.000	1.072	0.112					
325.XX	4	- 0.181	1.122	0.117					