

Sample	AFPC		Grade	18-46-0	
	2022-02				
	AOAC Ref.	Method #	# of Labs.	Grand Median	Std Dev
AMMONIACAL NITROGEN					
Ammoniacal Nitrogen, MgO distillation	920.03	001.10	2	17.31	0.02
Ammoniacal Nitrogen, Other		001.99	12	16.76	0.13
Method Group 001.XX PCT			14	16.81	0.26
TOTAL NITROGEN					
Total Nitrogen, Combustion	993.13	010.60	14	17.59	0.10
Total Nitrogen, Other		010.99	5	17.58	0.17
Method Group 010.XX PCT			19	17.58	0.13
TOTAL PHOSPHATE					
Total Phosphate, Gravimetric Quimociac		020.10	1	48.05	0.00
Total Phosphate, Spectrometric	978.02	020.20	17	46.93	0.29
Total Phosphate, ICP	970.03	020.40	1	41.53	0.00
Method Group 020.XX PCT			19	46.93	0.38
INSOLUBLE PHOSPHATE					
Insoluble Phosphate, Spectrometric	963.03C(b)	030.20	14	0.03	0.02
Insoluble Phosphate, Alka. Quimociac	963.03C(c)	030.30	2	0.05	0.00
Method Group 030.XX PCT			16	0.04	0.03
INDIRECT AVAILABLE PHOSPHATE					
Indirect Available Phosphate, Spectrometric	960.02	040.20	16	46.80	0.23
Method Group 040.XX PCT			16	46.80	0.28
DIRECT AVAILABLE PHOSPHATE					
Direct Available Phosphate, Gravimetric Quimociac	960.03E	041.10	2	46.84	0.00
Direct Available Phosphate, Spectrometric	960.03D	041.20	1	45.87	0.00
Direct Available Phosphate, ICP		041.50	4	46.58	1.58
Method Group 041.XX PCT			7	46.84	0.94
WATER SOLUBLE PHOSPHATE					
Water Soluble Phosphate, Gravimetric Quimociac	962.03	048.10	1	42.95	0.00
Water Soluble Phosphate, Spectrometric	970.01	048.20	15	42.90	0.26
Method Group 048.XX PCT			16	42.92	0.29
SOLUBLE POTASH AS K₂O					
Soluble Potash, ICP(Oxalate)		050.50	2	0.21	0.00
Soluble Potash, Other		050.99	7	0.22	0.03
Method Group 050.XX PCT			9	0.22	0.01
FREE WATER					
Free Water, Vacuum Oven	965.08B	060.00	17	2.70	0.33
Method Group 060.XX PCT			17	2.70	0.40
ACID SOLUBLE CALCIUM AS CaO					
Acid Soluble Calcium, ICP		101.30	12	0.54	0.04
Method Group 101.XX PCT			12	0.54	0.05
ACID SOLUBLE MAGNESIUM AS MgO					
Acid Soluble Magnesium, ICP		121.30	12	1.11	0.06
Method Group 121.XX PCT			12	1.11	0.07
SULFATE SULFUR (S)					
Sulfur, Gravimetric	980.02(a)	144.01	4	1.49	0.08
Sulfur, Other		144.99	11	1.53	0.03
Method Group 144.XX PCT			15	1.53	0.07
TOTAL ARSENIC					
Total Arsenic, ICP	980.02(b)	151.02	4	8.2	1.8
Method Group 151.XX PPM			4	8.2	2.2
TOTAL CADMIUM					
Total Cadmium, ICP		181.30	5	41.2	30.0
Method Group 181.XX PPM			5	41.2	36.6
ALUMINUM AS Al₂O₃					
ICP, %			12	0.97	0.03
Method Group 190.XX PCT			12	0.97	0.03
TOTAL CHROMIUM					
Total Chromium, ICP		191.30	5	238	99.4

Method Group 191.XX PPM		5	238	121.1
ACID SOLUBLE COBALT				
Acid Soluble Cobalt, ICP	202.30	5	2	0.3
Method Group 202.XX PPM		5	2	0.4
ACID SOLUBLE COPPER				
Method Group 221.XX PPM		3	2.0	1.6
ACID SOLUBLE IRON AS Fe₂O₃				
Acid Soluble Iron, ICP	241.30	12	0.90	0.02
Method Group 241.XX PCT		12	0.90	0.03
TOTAL LEAD				
Total Lead, ICP	251.30	5	1.5	1.2
Method Group 251.XX PPM		5	1.5	1.5
ACID SOLUBLE MANGANESE				
Acid Soluble Manganese, ICP	972.02a 261.30	5	117	137.3
Method Group 261.XX PPM		5	117	167.2
TOTAL MOLYBDENUM				
Total Molybdenum, ICP	289.30	5	11	1.5
Method Group 289.XX PPM		5	11	1.8
TOTAL NICKEL				
Total Nickel, ICP	291.30	4	10.5	1.6
Total Nickel, icp	291.99	1	17.8	0.0
Method Group 291.XX PPM		5	10.5	6.5
SODIUM AS Na₂O				
Sodium, Other	311.99	8	1.17	0.20
Method Group 311.XX PCT		8	1.17	0.24
ACID SOLUBLE ZINC				
Acid Soluble Zinc, ICP	321.30	5	141.5	32.4
Method Group 321.XX %		5	141.5	39.5
FLUORIDE				
Volumetric	325.10	12	0.99	0.05
Distilled/Electrode	325.99	2	1.05	0.00
Method Group 325.XX PCT		14	1.00	0.06

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	17.34	-1.340
Std Dev	17.33	-1.000
Median	17.31	0.000
Std Dev	17.29	1.000
31	17.29	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
38	17.18	-3.282
79	17.01	-1.961
79	17.00	-1.884
Std Dev	16.89	-1.000
32	16.86	-0.757
32	16.84	-0.602
113	16.78	-0.136
Median	16.76	0.000
56	16.74	0.136
24	16.73	0.214
34	16.72	0.291
24	16.72	0.330
23	16.67	0.680
23	16.65	0.874

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
31	17.34	-2.515
31	17.29	-2.257
38	17.18	-1.763
Std Dev	17.02	-1.000
79	17.01	-0.964
79	17.00	-0.917
32	16.86	-0.235
32	16.84	-0.141
Median	16.81	0.000
113	16.78	0.141
56	16.74	0.306
24	16.73	0.353
34	16.72	0.400
24	16.72	0.423
23	16.67	0.635
23	16.65	0.752

010.60 Total Nitrogen		
Lab	Combustion	
39	18.34	-7.229
80	18.05	-4.443
38	17.73	-1.352
Std Dev	17.69	-1.000
79	17.64	-0.483
79	17.63	-0.386
66	17.62	-0.290
140	17.60	-0.097
Median	17.59	0.000
24	17.58	0.097
63	17.55	0.435
24	17.51	0.773
61	17.50	0.917
103	17.50	0.917
Std Dev	17.49	1.000
61	17.47	1.159
110	17.20	3.766

010.99 Total Nitrogen		
Lab	Other	
23	17.76	-1.072
Std Dev	17.75	-1.000
32	17.59	-0.030
32	17.58	0.000
Median	17.58	0.000
Std Dev	17.41	1.000
23	17.36	1.310
113	17.33	1.489

010.XX Total Nitrogen		
Lab	Total Method	
39	18.34	-7.260
80	18.05	-4.499
23	17.76	-1.723
38	17.73	-1.436
Std Dev	17.68	-1.000
79	17.64	-0.574
79	17.63	-0.479
66	17.62	-0.383
140	17.60	-0.191
32	17.59	-0.048
24	17.58	0.000

32	17.58	0.000
Median	17.58	0.000
63	17.55	0.335
24	17.51	0.670
61	17.50	0.814
103	17.50	0.814
Std Dev	17.48	1.000
61	17.47	1.053
23	17.36	2.106
113	17.33	2.393
110	17.20	3.637

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
241	48.05	0.000
Median	48.05	0.000

020.20 Total Phosphate		
Lab	Spectrometric	
23	49.94	-10.211
Std Dev	47.22	-1.000
79	47.16	-0.797
32	47.10	-0.594
34	47.09	-0.560
79	47.09	-0.560
113	47.03	-0.339
32	47.02	-0.305
61	46.94	-0.051
16	46.93	0.000
Median	46.93	0.000
23	46.84	0.288
24	46.82	0.356
24	46.80	0.424
31	46.70	0.780
61	46.65	0.950
Std Dev	46.63	1.000
56	46.55	1.272
140	46.54	1.306
31	46.50	1.459

020.40 Total Phosphate		
Lab	Automated	
110	41.53	0.000
Median	41.53	0.000

020.XX Total Phosphate		
Lab	Total Method	
23	49.94	-9.603
241	48.05	-3.589
Std Dev	47.24	-1.000
79	47.16	-0.750
32	47.10	-0.558
34	47.09	-0.526
79	47.09	-0.526
113	47.03	-0.319
32	47.02	-0.287
61	46.94	-0.048
16	46.93	0.000
Median	46.93	0.000
23	46.84	0.271
24	46.82	0.335
24	46.80	0.399
31	46.70	0.734
61	46.65	0.893
Std Dev	46.61	1.000
56	46.55	1.196
140	46.54	1.228
31	46.50	1.372
110	41.53	17.213

030.20 Insoluble Phosphate		
Lab	Spectrometric	
113	0.13	-4.123
32	0.06	-1.237
32	0.06	-1.031
24	0.06	-1.031
Std Dev	0.05	-1.000
23	0.05	-0.825
79	0.04	-0.412
23	0.03	0.000
34	0.03	0.000
79	0.03	0.000
Median	0.03	0.000
140	0.03	0.206
61	0.02	0.412
16	0.02	0.618
24	0.02	0.618
61	0.01	0.825

030.30 Insoluble Phosphate		
Lab	Alka. Quimociac	
31	0.06	-1.340
Std Dev	0.05	-1.000
Median	0.05	0.000
Std Dev	0.05	1.000
31	0.05	1.340

030.XX Insoluble Phosphate		
Lab	Total Method	
113	0.13	-4.074
32	0.06	-1.072
Std Dev	0.06	-1.000
32	0.06	-0.858
24	0.06	-0.858
31	0.06	-0.858
23	0.05	-0.643
31	0.05	-0.643
79	0.04	-0.214
Median	0.04	0.000
23	0.03	0.214
34	0.03	0.214
79	0.03	0.214
140	0.03	0.429
61	0.02	0.643
16	0.02	0.858
24	0.02	0.858
Std Dev	0.01	1.000
61	0.01	1.072

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
79	47.13	-1.467
34	47.06	-1.158
79	47.05	-1.114
Std Dev	47.02	-1.000
61	46.92	-0.540
16	46.91	-0.496
113	46.90	-0.452
23	46.89	-0.386
23	46.81	-0.055
Median	46.80	0.000
24	46.79	0.055

24	46.77	0.143
61	46.71	0.386
31	46.64	0.695
Std Dev	46.57	1.000
140	46.52	1.246
31	46.45	1.555
32	44.70	9.253
32	44.50	10.158

040.XX Indirect Available Phosphate		
Lab	Total Method	
79	47.13	-1.467
34	47.06	-1.158
79	47.05	-1.114
Std Dev	47.02	-1.000
61	46.92	-0.540
16	46.91	-0.496
113	46.90	-0.452
23	46.89	-0.386
23	46.81	-0.055
Median	46.80	0.000
24	46.79	0.055
24	46.77	0.143
61	46.71	0.386
31	46.64	0.695
Std Dev	46.57	1.000
140	46.52	1.246
31	46.45	1.555
32	44.70	9.253
32	44.50	10.158

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
79	46.84	0.000
79	46.84	0.000
Median	46.84	0.000

041.20 Direct Available Phosphate		
Lab	Spectrometric	
38	45.87	0.000
Median	45.87	0.000

041.50 Direct Available Phosphate		
Lab	ICP	

39	50.16	-2.268
Std Dev	48.16	-1.000
66	47.12	-0.344
Median	46.58	0.000
63	46.04	0.344
Std Dev	45.00	1.000
80	44.95	1.031

041.XX Direct Available Phosphate		
Lab	Total Method	
39	50.16	-4.319
Std Dev	47.61	-1.000
66	47.12	-0.364
79	46.84	0.000
79	46.84	0.000
Median	46.84	0.000
Std Dev	46.07	1.000
63	46.04	1.047
38	45.87	1.268
80	44.95	2.459

048.10 Water Soluble Phosphate		
Lab	Gravimetric Quimociac	
113	42.95	0.000
Median	42.95	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
32	43.65	-2.863
32	43.36	-1.756
61	43.18	-1.069
Std Dev	43.16	-1.000
140	43.14	-0.916
61	43.05	-0.573
23	43.00	-0.401
24	42.97	-0.267
23	42.90	0.000
Median	42.90	0.000
34	42.83	0.248
24	42.79	0.420
16	42.77	0.485
79	42.71	0.706
79	42.70	0.744
Std Dev	42.63	1.000

31	42.05	3.226
31	41.89	3.856

048.XX Water Soluble Phosphate		
Lab	Total Method	
32	43.65	-3.094
32	43.36	-1.856
61	43.18	-1.088
Std Dev	43.15	-1.000
140	43.14	-0.918
61	43.05	-0.533
23	43.00	-0.341
24	42.97	-0.192
113	42.95	-0.107
Median	42.92	0.000
23	42.90	0.107
34	42.83	0.384
24	42.79	0.576
16	42.77	0.649
79	42.71	0.896
79	42.70	0.939
Std Dev	42.69	1.000
31	42.05	3.713
31	41.89	4.417

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.22	-1.340
Std Dev	0.21	-1.000
Median	0.21	0.000
Std Dev	0.21	1.000
23	0.21	1.340

050.99 %K ₂ O Soluble Potash		
Lab	Other	
80	0.30	-3.254
Std Dev	0.24	-1.000
24	0.23	-0.574
61	0.22	-0.191
24	0.22	0.000
61	0.22	0.000
Median	0.22	0.000
Std Dev	0.19	1.000
31	0.17	1.914

31	0.17	1.914
050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
80	0.30	-11.390
24	0.23	-2.010
Std Dev	0.22	-1.000
61	0.22	-0.670
23	0.22	0.000
24	0.22	0.000
61	0.22	0.000
Median	0.22	0.000
23	0.21	0.670
Std Dev	0.21	1.000
31	0.17	6.700
31	0.17	6.700

060.00 Free Water		
Lab	Vacuum Oven	
16	3.78	-3.289
56	3.10	-1.218
Std Dev	3.03	-1.000
23	3.01	-0.929
24	3.01	-0.929
113	2.98	-0.853
23	2.98	-0.838
24	2.94	-0.716
34	2.71	-0.015
61	2.70	0.000
140	2.70	0.000
Median	2.70	0.000
61	2.63	0.228
79	2.61	0.274
79	2.54	0.487
32	2.52	0.548
31	2.49	0.640
32	2.40	0.914
Std Dev	2.37	1.000
31	2.25	1.386

060.XX Free Water		
Lab	Total Method	
16	3.78	-3.289
56	3.10	-1.218

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
32	0.60	-1.251
31	0.59	-1.132
Std Dev	0.58	-1.000
32	0.58	-0.774
34	0.57	-0.655
61	0.57	-0.655
31	0.56	-0.298
Median	0.54	0.000
61	0.53	0.298
16	0.52	0.562
23	0.52	0.655
24	0.52	0.655
24	0.51	0.774
Std Dev	0.50	1.000
23	0.50	1.012

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
32	0.60	-1.251
31	0.59	-1.132
Std Dev	0.58	-1.000
32	0.58	-0.774
34	0.57	-0.655
61	0.57	-0.655
31	0.56	-0.298
Median	0.54	0.000
61	0.53	0.298
16	0.52	0.562
23	0.52	0.655
24	0.52	0.655
24	0.51	0.774
Std Dev	0.50	1.000
23	0.50	1.012

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
32	0.60	-1.251
31	0.59	-1.132
Std Dev	0.58	-1.000
32	0.58	-0.774
34	0.57	-0.655

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
24	1.16	-0.842
24	1.15	-0.674
32	1.14	-0.507
61	1.14	-0.507
34	1.13	-0.339
32	1.12	-0.088
Median	1.11	0.000
16	1.10	0.088
23	1.08	0.582
61	1.07	0.750
Std Dev	1.05	1.000
23	1.05	1.085
31	0.99	2.006
31	0.98	2.173

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
24	1.16	-0.842
24	1.15	-0.674
32	1.14	-0.507
61	1.14	-0.507
34	1.13	-0.339
32	1.12	-0.088
Median	1.11	0.000
16	1.10	0.088
23	1.08	0.582
61	1.07	0.750
Std Dev	1.05	1.000
23	1.05	1.085
31	0.99	2.006
31	0.98	2.173

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
24	1.16	-0.842
24	1.15	-0.674
32	1.14	-0.507
61	1.14	-0.507
34	1.13	-0.339
32	1.12	-0.088
Median	1.11	0.000
16	1.10	0.088
23	1.08	0.582
61	1.07	0.750
Std Dev	1.05	1.000
23	1.05	1.085
31	0.99	2.006
31	0.98	2.173

144.01 Sulfate Sulfur (S)		
Lab	Gravimetric	
16	1.60	-1.484
Std Dev	1.56	-1.000
241	1.53	-0.497
Median	1.49	0.000
79	1.45	0.497
79	1.42	0.894

144.99 Sulfate Sulfur (S)		
Lab	Other	
23	1.60	-2.505
24	1.57	-1.223
61	1.56	-1.049
Std Dev	1.56	-1.000
32	1.56	-0.874
32	1.55	-0.524
61	1.53	0.000
Median	1.53	0.000
34	1.53	0.175
23	1.52	0.233
24	1.52	0.524
Std Dev	1.50	1.000
31	1.21	11.186
31	1.18	12.235

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
23	1.60	-1.370
16	1.60	-1.331
Std Dev	1.58	-1.000
24	1.57	-0.715
61	1.56	-0.625
32	1.56	-0.536
32	1.55	-0.357
61	1.53	-0.089
34	1.53	0.000
241	1.53	0.000
Median	1.53	0.000
23	1.52	0.030
24	1.52	0.179
Std Dev	1.47	1.000
79	1.45	1.340

Lab	PPM	Total Arsenic ICP
79	1.42	1.876
31	1.21	5.628
31	1.18	6.164
Std Dev	1.00	-1.000
24	1.00	-0.876
24	0.98	-0.322
16	0.98	-0.233
Median	0.97	0.000
34	0.97	0.233
23	0.96	0.418
32	0.96	0.418
61	0.96	0.418
Std Dev	0.94	1.000
23	0.94	1.157
61	0.94	1.157

Lab	PPM	Total Arsenic Total Method
31	9.65	-0.804
31	9.20	-0.552
Median	8.22	0.000
140	7.24	0.552
Std Dev	6.44	1.000
61	6.00	1.245

Lab	PPM	Total Cadmium ICP
61	43.00	-0.060
61	43.00	-0.060
16	41.20	0.000
Median	41.20	0.000
Std Dev	11.16	1.000
31	2.75	1.280
31	1.70	1.315

Lab	PPM	Total Cadmium Total Method
61	43.00	-0.060
61	43.00	-0.060
16	41.20	0.000
Median	41.20	0.000
Std Dev	11.16	1.000
31	2.75	1.280
31	1.70	1.315

Lab	%Al ₂ O ₃	Aluminum ICP
31	1.67	-25.828
31	1.61	-23.610
32	1.00	-1.061
Std Dev	1.00	-1.000
24	1.00	-0.876
24	0.98	-0.322
16	0.98	-0.233
Median	0.97	0.000
34	0.97	0.233
23	0.96	0.418
32	0.96	0.418
61	0.96	0.418
Std Dev	0.94	1.000
23	0.94	1.157
61	0.94	1.157

Lab	%Al ₂ O ₃	Aluminum Total Method
31	1.67	-25.828
31	1.61	-23.610
32	1.00	-1.061
Std Dev	1.00	-1.000
24	1.00	-0.876
24	0.98	-0.322
16	0.98	-0.233
Median	0.97	0.000
34	0.97	0.233
23	0.96	0.418
32	0.96	0.418
61	0.96	0.418
Std Dev	0.94	1.000
23	0.94	1.157
61	0.94	1.157

Lab	PPM	Total Chromium ICP
61	240.50	-0.030
61	238.00	-0.005
16	237.50	0.000
Median	237.50	0.000
Std Dev	138.10	1.000
31	104.80	1.335
31	102.35	1.360

Lab	PPM	Total Chromium Total Method
61	240.50	-0.030
61	238.00	-0.005
16	237.50	0.000
Median	237.50	0.000
Std Dev	138.10	1.000
31	104.80	1.335
31	102.35	1.360

Lab	PPM	Acid Soluble Cobalt ICP
61	2.00	-1.215
Std Dev	1.93	-1.000
31	1.64	-0.078
16	1.61	0.000
Median	1.61	0.000
Std Dev	1.29	1.000
31	1.21	1.262
61	1.00	1.901

Lab	PPM	Acid Soluble Cobalt Total Method
61	2.00	-1.215
Std Dev	1.93	-1.000
31	1.64	-0.078
16	1.61	0.000
Median	1.61	0.000
Std Dev	1.29	1.000
31	1.21	1.262
61	1.00	1.901

Lab	PPM	Acid Soluble Copper ICP
61	3.50	-1.149
Std Dev	3.31	-1.000
61	2.00	0.000
Median	2.00	0.000
Std Dev	0.69	1.000
16	0.00	1.531

Lab	PPM	Acid Soluble Copper Total Method
61	3.50	-1.149
Std Dev	3.31	-1.000
61	2.00	0.000
Median	2.00	0.000
Std Dev	0.69	1.000
16	0.00	1.531

Lab	PPM	Acid Soluble Copper Total Method
61	3.50	-1.149
Std Dev	3.31	-1.000
61	2.00	0.000
Median	2.00	0.000
Std Dev	0.69	1.000
16	0.00	1.531

Lab	%Fe ₂ O ₃	Acid Soluble Iron ICP
31	1.64	-32.638
31	1.61	-31.104
Std Dev	0.92	-1.000
24	0.91	-0.657
24	0.91	-0.657
32	0.91	-0.657
61	0.90	-0.219
Median	0.90	0.000
23	0.89	0.219
23	0.89	0.438
16	0.88	0.545
Std Dev	0.87	1.000
32	0.87	1.095
34	0.87	1.095
61	0.85	2.190

Lab	%Fe ₂ O ₃	Acid Soluble Iron Total Method
31	1.64	-32.638
31	1.61	-31.104
Std Dev	0.92	-1.000
24	0.91	-0.657
24	0.91	-0.657
32	0.91	-0.657
61	0.90	-0.219
Median	0.90	0.000
23	0.89	0.219
23	0.89	0.438
16	0.88	0.545
Std Dev	0.87	1.000
32	0.87	1.095
34	0.87	1.095
61	0.85	2.190

Lab	PPM	Total Lead ICP
61	2.00	-0.447
31	1.65	-0.162
31	1.45	0.000
Median	1.45	0.000
Std Dev	0.22	1.000
16	0.00	1.178
61	0.00	1.178

Lab	PPM	Total Lead Total Method
61	2.00	-0.447
31	1.65	-0.162
31	1.45	0.000
Median	1.45	0.000
Std Dev	0.22	1.000
16	0.00	1.178
61	0.00	1.178

251.XX		Total Lead
Lab	PPM	Total Method
61	2.00	-0.447
31	1.65	-0.162
31	1.45	0.000
Median	1.45	0.000
Std Dev	0.22	1.000
16	0.00	1.178
61	0.00	1.178

261.30		Acid Soluble Manganese
Lab	PPM	ICP
31	303.55	-1.359
31	298.45	-1.322
Std Dev	254.28	-1.000
16	117.00	0.000
Median	117.00	0.000
61	114.50	0.018
61	110.50	0.047

261.XX		Acid Soluble Manganese
Lab	PPM	Total Method
31	303.55	-1.359
31	298.45	-1.322
Std Dev	254.28	-1.000
16	117.00	0.000
Median	117.00	0.000
61	114.50	0.018
61	110.50	0.047

289.30		Total Molybdenum
Lab	PPM	ICP

289.XX		Total Molybdenum
Lab	PPM	Total Method
31	12.75	-1.173
Std Dev	12.49	-1.000
31	12.00	-0.670
61	11.00	0.000
Median	11.00	0.000
61	10.00	0.670
Std Dev	9.51	1.000
16	3.82	4.814

291.30		Total Nickel
Lab	PPM	ICP

291.99		Total Nickel
Lab	PPM	Other
31	17.80	0.000
Median	17.80	0.000

291.XX		Total Nickel
Lab	PPM	Total Method
31	17.80	-1.359
31	17.60	-1.321
Std Dev	15.87	-1.000
61	10.50	0.000
Median	10.50	0.000
16	10.40	0.019
61	9.50	0.186

311.99		Sodium
Lab	%Na ₂ O	Other
24	1.22	-0.252
61	1.19	-0.126
23	1.18	-0.075
24	1.18	-0.075
Median	1.17	0.000
23	1.15	0.075
61	1.13	0.201
Std Dev	0.97	1.000
31	0.29	4.404
31	0.29	4.404

311.XX		Sodium
Lab	%Na ₂ O	Total Method
24	1.22	-0.252
61	1.19	-0.126
23	1.18	-0.075
24	1.18	-0.075
Median	1.17	0.000
23	1.15	0.075
61	1.13	0.201
Std Dev	0.97	1.000
31	0.29	4.404
31	0.29	4.404

321.30		Acid Soluble Zinc
Lab	PPM	ICP
61	162.00	-0.633
61	152.00	-0.324
16	141.50	0.000
Median	141.50	0.000
Std Dev	109.11	1.000
31	108.60	1.016
31	108.15	1.030

321.XX		Acid Soluble Zinc
Lab	PPM	Total Method
61	162.00	-0.633
61	152.00	-0.324
16	141.50	0.000
Median	141.50	0.000
Std Dev	109.11	1.000
31	108.60	1.016
31	108.15	1.030

325.10		Fluoride
Lab	%	Electrode
31	2.24	-27.514
31	2.16	-25.647
24	1.03	-0.934
24	1.02	-0.604
32	1.00	-0.275
34	1.00	-0.165
Median	0.99	0.000
32	0.98	0.165
79	0.97	0.384
79	0.97	0.384
16	0.92	1.461
23	0.89	2.142
23	0.89	2.252

325.99		Fluoride
Lab	%	Other
61	1.06	-1.340
Median	1.05	0.000
61	1.05	1.340

325.XX		Fluoride
Lab	%	Total Method

31	2.24	-23.368
31	2.16	-21.769
61	1.06	-1.081
61	1.05	-0.893
24	1.03	-0.611
24	1.02	-0.329
32	1.00	-0.047
Median	1.00	0.000
34	1.00	0.047
32	0.98	0.329
79	0.97	0.517
79	0.97	0.517
16	0.92	1.439
23	0.89	2.022
23	0.89	2.116