

001.10 Ammoniacal Nitrogen MgO distillation		
Lab		
18	18.14	0.000
Median	18.14	0.000

001.99 Ammoniacal Nitrogen Other		
Lab		
61	18.50	-2.345
Std Dev	18.42	-1.000
24	18.39	-0.503
31	18.39	-0.503
24	18.36	0.000
61	18.36	0.000
Median	18.36	0.000
18	18.35	0.251
38	18.31	0.837
Std Dev	18.30	1.000
34	18.30	1.005
140	18.20	2.764

001.XX Ammoniacal Nitrogen Total Method		
Lab		
61	18.50	-2.471
Std Dev	18.41	-1.000
24	18.39	-0.628
31	18.39	-0.628
24	18.36	-0.126
61	18.36	-0.126
Median	18.35	0.000
18	18.35	0.126
38	18.31	0.712
34	18.30	0.879
Std Dev	18.29	1.000
140	18.20	2.638
18	18.14	3.643

010.11 Total Nitrogen Modified Comprehensive		
Lab		
113	18.49	-1.340
Std Dev	18.47	-1.000
Median	18.41	0.000
Std Dev	18.35	1.000
18	18.34	1.340

010.12 Total Nitrogen Salicylic		
Lab		
107	18.21	0.000
Median	18.21	0.000

010.60 Total Nitrogen Combustion		
Lab		
47	18.63	-2.206
24	18.62	-2.133
49	18.58	-1.805
24	18.57	-1.768
Std Dev	18.46	-1.000
77	18.45	-0.893
63	18.44	-0.820
63	18.44	-0.820
79	18.41	-0.565
31	18.38	-0.383
111	18.38	-0.346
102	18.33	-0.018
Median	18.33	0.000
38	18.33	0.018
14	18.32	0.055
99	18.32	0.055
14	18.31	0.164
9	18.26	0.492
66	18.26	0.529
39	18.25	0.565
95	18.25	0.565
Std Dev	18.19	1.000
35	18.10	1.659
80	18.00	2.388
103	17.96	2.680

010.99 Total Nitrogen Other		
Lab		
34	18.38	-2.563
Std Dev	18.35	-1.000
23	18.33	-0.233
Median	18.33	0.000
23	18.32	0.233
Std Dev	18.30	1.000
140	18.30	1.398

010.XX Total Nitrogen Total Method		
Lab		
47	18.63	-2.233
24	18.62	-2.159
49	18.58	-1.824
24	18.57	-1.787
113	18.49	-1.154
Std Dev	18.46	-1.000
77	18.45	-0.893
63	18.44	-0.819
63	18.44	-0.819
79	18.41	-0.558
31	18.38	-0.372
34	18.38	-0.372
111	18.38	-0.335
18	18.34	-0.037
23	18.33	0.000
102	18.33	0.000
Median	18.33	0.000
38	18.33	0.037
14	18.32	0.074
23	18.32	0.074
99	18.32	0.074
14	18.31	0.186
140	18.30	0.261
9	18.26	0.521
66	18.26	0.558
39	18.25	0.596
95	18.25	0.596
107	18.21	0.893
Std Dev	18.20	1.000
35	18.10	1.712
80	18.00	2.457
103	17.96	2.754

020.10 Total Phosphate Gravimetric Quimociac		
Lab		
18	46.97	-0.159
241	46.89	0.000
Median	46.89	0.000
Std Dev	46.42	1.000
35	45.70	2.521

020.20 Total Phosphate Spectrometric		
Lab		
38	48.99	-14.427
Std Dev	47.06	-1.000
79	47.03	-0.748
31	46.97	-0.365
140	46.97	-0.331
113	46.95	-0.191
61	46.94	-0.157
103	46.93	-0.087
23	46.92	-0.017
34	46.92	-0.017
Median	46.92	0.000
23	46.92	0.017
99	46.92	0.017
24	46.80	0.818
Std Dev	46.77	1.000
61	46.76	1.131
14	46.75	1.166
14	46.72	1.410
24	46.71	1.444
95	46.50	2.906
102	46.30	4.298

020.30 Total Phosphate Alka. Quimociac		
Lab		
111	46.59	0.000
Median	46.59	0.000

020.40 Total Phosphate Automated		
Lab		
9	47.14	0.000
Median	47.14	0.000

020.XX Total Phosphate Total Method		
Lab		
38	48.99	-12.497
9	47.14	-1.325
Std Dev	47.08	-1.000
79	47.03	-0.662
31	46.97	-0.331
18	46.97	-0.301
140	46.97	-0.301
113	46.95	-0.181

61	46.94	-0.151
103	46.93	-0.090
23	46.92	-0.030
34	46.92	-0.030
23	46.92	0.000
Median	46.92	0.000
99	46.92	0.000
241	46.89	0.151
24	46.80	0.693
61	46.76	0.964
14	46.75	0.994
Std Dev	46.75	1.000
14	46.72	1.204
24	46.71	1.235
111	46.59	1.957
95	46.50	2.499
102	46.30	3.704
35	45.70	7.317

030.20 Insoluble Phosphate		
Lab		Spectrometric
61	0.17	-1.424
Std Dev	0.14	-1.000
23	0.14	-0.921
23	0.12	-0.670
14	0.11	-0.503
140	0.10	-0.335
113	0.10	-0.251
14	0.08	0.000
Median	0.08	0.000
61	0.07	0.251
79	0.07	0.251
24	0.03	0.838
31	0.03	0.838
Std Dev	0.02	1.000
24	0.02	1.005
18	0.01	1.173

030.40 Insoluble Phosphate		
Lab		Automated
34	0.09	0.000
Median	0.09	0.000

030.50 Insoluble Phosphate		
Lab		ICP
9	0.09	0.000
Median	0.09	0.000

030.XX Insoluble Phosphate		
Lab		Total Method
61	0.17	-1.864
23	0.14	-1.165
Std Dev	0.13	-1.000
23	0.12	-0.816
14	0.11	-0.583
140	0.10	-0.350
113	0.10	-0.233
34	0.09	-0.117
9	0.09	0.000
Median	0.09	0.000
14	0.08	0.117
61	0.07	0.466
79	0.07	0.466
Std Dev	0.04	1.000
24	0.03	1.282
31	0.03	1.282
24	0.02	1.515
18	0.01	1.748

040.20 Indirect Available Phosphate		
Lab		Spectrometric
79	46.96	-1.199
31	46.94	-1.058
Std Dev	46.93	-1.000
61	46.88	-0.599
140	46.87	-0.529
113	46.85	-0.388
23	46.80	-0.035
Median	46.79	0.000
23	46.79	0.035
24	46.78	0.071
24	46.68	0.776
14	46.67	0.846
Std Dev	46.65	1.000
14	46.61	1.305
61	46.59	1.411

040.40 Indirect Available Phosphate		
Lab		Automated
9	47.05	0.000
Median	47.05	0.000

040.99 Indirect Available Phosphate		
Lab		Other
34	46.82	0.000
Median	46.82	0.000

040.XX Indirect Available Phosphate		
Lab		Total Method
9	47.05	-1.940
79	46.96	-1.220
31	46.94	-1.060
Std Dev	46.93	-1.000
61	46.88	-0.540
140	46.87	-0.460
113	46.85	-0.300
34	46.82	-0.100
Median	46.81	0.000
23	46.80	0.100
23	46.79	0.180
24	46.78	0.220
Std Dev	46.68	1.000
24	46.68	1.020
14	46.67	1.100
14	46.61	1.620
61	46.59	1.740

041.10 Direct Available Phosphate		
Lab		Gravimetric Quimociac
39	46.78	-0.216
47	46.72	0.000
Median	46.72	0.000
Std Dev	46.41	1.000
107	45.98	2.464

041.40 Direct Available Phosphate		
Lab		Automated
38	48.85	-2.531
Std Dev	47.66	-1.000
103	46.89	0.000
Median	46.89	0.000

39	46.78	0.149
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041.50 Direct Available Phosphate		
Lab		ICP
80	48.25	-4.049
66	46.85	-1.340
Std Dev	46.67	-1.000
63	46.15	0.000
63	46.15	0.000
Median	46.15	0.000
Std Dev	45.63	1.000
47	45.49	1.273

041.60 Direct Available Phosphate		
Lab		EDTA Extract
49	47.37	-1.340
Std Dev	47.34	-1.000
Median	47.25	0.000
Std Dev	47.16	1.000
77	47.13	1.340

041.XX Direct Available Phosphate		
Lab		Total Method
38	48.85	-2.830
80	48.25	-2.010
Std Dev	47.51	-1.000
49	47.37	-0.807
77	47.13	-0.479
103	46.89	-0.150
66	46.85	-0.089
39	46.78	0.000
Median	46.78	0.000
39	46.78	0.007
47	46.72	0.089
63	46.15	0.861
63	46.15	0.861
Std Dev	46.05	1.000
107	45.98	1.101
47	45.49	1.764

048.20 Water Soluble Phosphate		
Lab		Spectrometric
31	43.60	-1.040
140	43.60	-1.040

23	43.60	-1.040
Std Dev	43.59	-1.000
23	43.53	-0.820
113	43.52	-0.788
79	43.39	-0.363
24	43.27	0.000
Median	43.27	0.000
18	43.27	0.000
24	43.21	0.189
14	43.11	0.520
14	43.05	0.709
61	43.05	0.709
Std Dev	42.95	1.000
61	42.93	1.072

048.30	Water Soluble Phosphate	
Lab	Alka. Quimociac	
111	42.16	0.000
Median	42.16	0.000

048.99	Water Soluble Phosphate	
Lab	Other	
9	43.49	-1.340
Std Dev	43.47	-1.000
Median	43.40	0.000
Std Dev	43.32	1.000
34	43.30	1.340

048.XX	Water Soluble Phosphate	
Lab	Total Method	
31	43.60	-0.976
140	43.60	-0.976
23	43.60	-0.976
23	43.53	-0.759
113	43.52	-0.728
9	43.49	-0.635
79	43.39	-0.310
34	43.30	-0.046
Median	43.29	0.000
24	43.27	0.046
18	43.27	0.046
24	43.21	0.232
14	43.11	0.558
14	43.05	0.744

61	43.05	0.744
Std Dev	42.96	1.000
61	42.93	1.100
111	42.16	3.486

050.50	%K ₂ O	Soluble Potash
Lab		ICP(Oxalate)
23	0.14	-1.340
Std Dev	0.13	-1.000
Median	0.13	0.000
Std Dev	0.13	1.000
23	0.13	1.340

050.99	%K ₂ O	Soluble Potash
Lab		Other
241	0.15	-1.902
61	0.14	-1.188
Std Dev	0.14	-1.000
24	0.13	0.000
61	0.13	0.000
Median	0.13	0.000
102	0.13	0.303
Std Dev	0.12	1.000
24	0.12	1.188
99	0.11	2.971

050.XX	%K ₂ O	Soluble Potash
Lab		Total Method
241	0.15	-2.840
61	0.14	-1.775
Std Dev	0.14	-1.000
23	0.14	-0.887
23	0.13	0.000
24	0.13	0.000
61	0.13	0.000
Median	0.13	0.000
102	0.13	0.453
Std Dev	0.12	1.000
24	0.12	1.775
99	0.11	4.437

060.00	Free Water	
Lab	Vacuum Oven	
18	1.79	-0.628

79	1.78	-0.551
24	1.77	-0.526
23	1.74	-0.372
24	1.72	-0.269
23	1.70	-0.167
111	1.68	-0.038
Median	1.67	0.000
31	1.66	0.038
34	1.60	0.346
9	1.58	0.474
Std Dev	1.47	1.000
113	1.44	1.167
14	1.40	1.398
14	1.39	1.449
140	0.93	3.783

060.10	Free Water	
Lab	Vacuum Desiccate	
61	1.83	-1.340
Std Dev	1.79	-1.000
Median	1.66	0.000
Std Dev	1.53	1.000
61	1.49	1.340

060.XX	Free Water	
Lab	Total Method	
61	1.83	-0.795
18	1.79	-0.600
79	1.78	-0.526
24	1.77	-0.502
23	1.74	-0.355
24	1.72	-0.257
23	1.70	-0.159
111	1.68	-0.037
Median	1.67	0.000
31	1.66	0.037
34	1.60	0.330
9	1.58	0.453
61	1.49	0.893
Std Dev	1.46	1.000
113	1.44	1.114
14	1.40	1.334
14	1.39	1.383
140	0.93	3.610

101.30	%CaO	Acid Soluble Calcium
Lab		ICP
61	0.26	-2.438
31	0.25	-2.102
61	0.23	-1.429
24	0.22	-1.093
24	0.22	-1.093
Std Dev	0.22	-1.000
23	0.20	-0.252
34	0.19	-0.084
Median	0.19	0.000
23	0.19	0.084
39	0.18	0.212
102	0.18	0.232
14	0.18	0.252
14	0.18	0.252
38	0.18	0.252
9	0.17	0.588

101.XX	%CaO	Acid Soluble Calcium
Lab		Total Method
61	0.26	-2.438
31	0.25	-2.102
61	0.23	-1.429
24	0.22	-1.093
24	0.22	-1.093
Std Dev	0.22	-1.000
23	0.20	-0.252
34	0.19	-0.084
Median	0.19	0.000
23	0.19	0.084
39	0.18	0.212
102	0.18	0.232
14	0.18	0.252
14	0.18	0.252
38	0.18	0.252
9	0.17	0.588

121.30	%MgO	Acid Soluble Magnesium
Lab		ICP
23	1.11	-0.804
24	1.10	-0.718
23	1.10	-0.631