

AFPC

Sample

2006-08B

Grade

FEED

	AOAC Ref.	Method #	# of Labs.	Grand Median	Std Dev
TOTAL NITROGEN					
Total Nitrogen, Combustion	993.13	010.60	2	0.09	0.04
Method Group 010.XX PCT			2	0.09	0.05
TOTAL PHOSPHATE as P					
Total Phosphate, Gravimetric Quimociac		020.10	6	18.57	0.44
Total Phosphate, Spectrometric/Auto	978.02	020.20	10	18.58	0.57
Total Phosphate, ICP		020.40	5	18.95	0.29
Total Phosphate, Other		020.99	4	18.71	0.29
Method Group 020.XX PCT			25	18.66	0.37
INSOLUBLE PHOSPHATE					
Insoluble Phosphate, Alka. Quimociac	963.03C(c)	030.30	2	10.23	0.06
Method Group 030.XX PCT			2	10.23	0.08
INDIRECT AVAILABLE PHOSPHATE					
Indirect Available Phosphate, Spectrometric	960.02	040.20	2	8.39	0.09
Method Group 040.XX PCT			2	8.39	0.11
DIRECT AVAILABLE PHOSPHATE as P					
Direct Available Phosphate, Gravimetric Quimociac	960.03E	041.10	2	13.42	3.94
Direct Available Phosphate, ICP	978.01	041.40	2	18.73	0.22
Direct Available Phosphate, EDTA Extract	993.01	041.60	1	13.61	0.00
Method Group 041.XX PCT			5	18.44	4.63
WATER SOLUBLE PHOSPHATE					
Water Soluble Phosphate, Spectrometric	970.01	048.20	3	0.10	0.03
Method Group 048.XX PCT			3	0.10	0.03
SOLUBLE POTASH AS K₂O					
Soluble Potash, Atomic Absorption(Oxalate)		050.30	1	0.00	0.00
Soluble Potash, ICP(Oxalate)		050.50	1	0.14	0.00
Soluble Potash, Other		050.99	1	0.07	0.00
Method Group 050.XX PCT			3	0.14	0.11

FREE WATER

Free Water, Vacuum Oven	965.08B	060.00	3	0.04	0.04
Free Water, Other		060.99	2	0.15	0.00
Method Group 060.XX PCT			5	0.13	0.09

ACID SOLUBLE CALCIUM AS Ca

Acid Soluble Calcium, Atomic Absorption	945.04	101.00	2	29.13	0.32
Acid Soluble Calcium, ICP		101.30	11	30.79	0.91
Acid Soluble Calcium, Titrimetric	945.03	101.70	3	32.20	0.63
Acid Soluble Calcium, Other		101.99	2	30.65	0.28
Method Group 101.XX PCT			18	30.80	1.24

ACID SOLUBLE MAGNESIUM AS Mg

Acid Soluble Magnesium, Atomic Absorption	984.01	121.00	1	0.44	0.00
Acid Soluble Magnesium, ICP		121.30	13	0.56	0.03
Method Group 121.XX PCT			14	0.56	0.05

Water Soluble Magnesium, Atomic Absorption

965.09

No Results

SULFATE SULFUR (S)

Sulfur, Gravimetric	980.02(a)	144.01	1	0.12	0.00
Method Group 144.XX PCT			1	0.12	0.00

TOTAL ARSENIC

Total Arsenic, Other		151.99	2	2.0	1.2
Method Group 151.XX PPM			2	2.0	1.5

ACID SOLUBLE BORON

Acid Soluble Boron, Other		165.99	3	10.0	5.3
Method Group 165.XX PPM			3	10.0	6.5

TOTAL CADMIUM

Total Cadmium, ICP		181.30	2	5.0	0.0
Total Cadmium, Other		181.99	1	6.0	0.0
Method Group 181.XX PPM			3	5.0	0.5

ALUMINUM AS Al

ICP, %			11	0.25	0.09
Method Group 190.XX PCT			11	0.25	0.11

TOTAL CHROMIUM

Total Chromium, ICP		191.30	2	120	7.6
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Total Chromium, Other	191.99	1	151	0.0
Method Group 191.XX PPM		3	130	18.9
ACID SOLUBLE COBALT				
Acid Soluble Cobalt, ICP	202.30	2	3.0	1.1
Acid Soluble Cobalt, Other	202.99	1	2.0	0.0
Method Group 202.XX PPM		3	2.0	1.3
ACID SOLUBLE COPPER				
Acid Soluble Copper, ICP	221.30	3	10.9	0.5
Acid Soluble Copper, Other	221.99	1	10.5	0.0
Method Group 221.XX PPM		4	10.7	0.6
ACID SOLUBLE IRON AS Fe				
Acid Soluble Iron, ICP	241.30	14	0.43	0.07
Method Group 241.XX PCT		14	0.43	0.09
TOTAL LEAD				
Total Lead, ICP	251.30	2	3.9	1.0
Total Lead, Other	251.99	1	3.5	0.0
Method Group 251.XX PPM		3	3.5	1.3
ACID SOLUBLE MANGANESE				
Acid Soluble Manganese, ICP	972.02a 261.30	3	51.0	2.6
Acid Soluble Manganese, Other	261.99	1	54.5	0.0
Method Group 261.XX PPM		4	51.0	2.4
WATER SOLUBLE MANGANESE				
Method Group 271.XX PCT		1	0.04	0
TOTAL MOLYBDENUM				
Total Molybdenum, ICP	289.30	1	4.0	0.0
Total Molybdenum, Other	289.99	1	6.0	0.0
Method Group 289.XX PPM		2	5.0	0.9
TOTAL NICKEL				
Total Nickel, ICP	291.30	2	17.9	0.8
Total Nickel, Other	291.99	1	24.0	0.0
Method Group 291.XX PPM		3	19.0	3.3
TOTAL SELENIUM				
Total Selenium, ICP	301.30	1	<1	0.0

Method Group 301.XX PPM			1	<1	0.0
SODIUM AS Na					
Sodium, Atomic Absorbtion	983.04	311.00	4	5.76	0.37
Sodium, Other		311.99	7	5.72	0.98
Method Group 311.XX PCT			11	5.72	0.53
ACID SOLUBLE ZINC					
Acid Soluble Zinc, ICP		321.30	4	364.8	29.9
Acid Soluble Zinc, Other		321.99	1	368.0	0.0
Method Group 321.XX PPM			5	368.0	35.0
FLUORIDE					
Volumetric		325.10	10	0.07	0.02
Distilled/Electrode		325.99	1	0.17	0.00
Method Group 325.XX PCT			11	0.08	0.04