

AFPC

Sample

2010-08

Grade

FEED

	AOAC Ref.	Method #	# of Labs.	Grand Median	Std Dev
TOTAL PHOSPHATE as P					
Total Phosphate, Spectrometric/Auto	978.02	020.20	7	21.01	0.11
Total Phosphate, ICP		020.40	1	20.92	0.00
Total Phosphate, ICP (New Lithium Method)		020.50	1	20.94	0.00
Method Group 020.XX PCT P			9	21.00	0.16
INSOLUBLE PHOSPHATE					
Insoluble Phosphate, Spectrometric	963.03C(b)	030.20	2	0.07	0.00
Method Group 030.XX PCT			2	0.07	0.00
INDIRECT AVAILABLE PHOSPHATE					
Indirect Available Phosphate, Spectrometric	960.02	040.20	2	20.88	0.01
Method Group 040.XX PCT P			2	20.88	0.01
WATER SOLUBLE PHOSPHATE					
Water Soluble Phosphate, Spectrometric	970.01	048.20	2	16.38	0.08
Method Group 048.XX PCT P			2	16.38	0.10
SOLUBLE POTASH AS K₂O					
Soluble Potash, Other		050.99	2	0.07	0.00
Method Group 050.XX PCT			2	0.07	0.00
FREE WATER					
Free Water, Vacuum Oven	965.08B	060.00	2	1.58	0.01
Free Water, Vacuum Desiccate	965.08A	060.10	2	1.58	0.03
Free Water, Other		060.99	2	1.57	0.04
Method Group 060.XX PCT			6	1.58	0.05
ACID SOLUBLE CALCIUM AS Ca					
Acid Soluble Calcium, ICP		101.30	6	16.41	0.23
Acid Soluble Calcium, Other		101.99	2	17.04	0.07
Method Group 101.XX PCT			8	16.58	0.56
ACID SOLUBLE MAGNESIUM AS Mg					

Acid Soluble Magnesium, ICP		121.30	6	0.39	0.01
Method Group 121.XX PCT			6	0.39	0.02
SULFATE SULFUR (S)					
Sulfur, Other		144.99	2	0.86	0.00
Method Group 144.XX PCT			2	0.86	0.00
TOTAL ARSENIC					
Total Arsenic, ICP	980.02(b)	151.02	1	7.4	0.0
Method Group 151.XX PPM			1	7.4	0.0
ACID SOLUBLE BORON					
Acid Soluble Boron, Other		165.99	1	29.8	0.0
Method Group 165.XX PPM			1	29.8	0.0
TOTAL CADMIUM					
Total Cadmium, ICP		181.30	1	4.6	0.0
Total Cadmium, Other		181.99	1	4.2	0.0
Method Group 181.XX PPM			2	4.4	0.2
ALUMINUM AS AI					
ICP, %			6	0.49	0.01
Method Group 190.XX PCT			6	0.49	0.02
TOTAL CHROMIUM					
Total Chromium, ICP		191.30	1	100	0.0
Total Chromium, Other		191.99	1	95	0.0
Method Group 191.XX PPM			2	97	2.3
ACID SOLUBLE COBALT					
Acid Soluble Cobalt, ICP		202.30	1	5.5	0.0
Acid Soluble Cobalt, Other		202.99	1	4.6	0.0
Method Group 202.XX PPM			2	5.0	0.4
ACID SOLUBLE COPPER					
Acid Soluble Copper, ICP		221.30	1	3.0	0.0
Acid Soluble Copper, Other		221.99	1	3.2	0.0
Method Group 221.XX PPM			2	3.1	0.1
ACID SOLUBLE IRON AS Fe					
Acid Soluble Iron, ICP		241.30	6	1.11	0.07
Method Group 241.XX PCT			6	1.11	0.09

TOTAL LEAD

Total Lead, Other		251.99	1	0.6	0.0
Method Group 251.XX PPM			1	0.6	0.0

ACID SOLUBLE MANGANESE

Acid Soluble Manganese, ICP	972.02a	261.30	1	463.0	0.0
Acid Soluble Manganese, Other		261.99	1	422.5	0.0
Method Group 261.XX PPM			2	442.8	18.4

WATER SOLUBLE MANGANESE

Method Group 271.XX PCT			1	0.04	0
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TOTAL MOLYBDENUM

Total Molybdenum, ICP		289.30	1	26.5	0.0
Total Molybdenum, Other		289.99	1	25.6	0.0
Method Group 289.XX PPM			2	26.0	0.4

TOTAL NICKEL

Total Nickel, ICP		291.30	1	14.5	0.0
Total Nickel, Other		291.99	1	15.0	0.0
Method Group 291.XX PPM			2	14.8	0.2

SODIUM AS Na

Sodium, Atomic Absorbtion	983.04	311.00	3	0.09	0.00
Sodium, Other		311.99	2	0.07	0.01
Method Group 311.XX PCT			5	0.09	0.01

ACID SOLUBLE ZINC

Acid Soluble Zinc, ICP		321.30	1	88.5	0.0
Acid Soluble Zinc, Other		321.99	1	104.5	0.0
Method Group 321.XX PPM			2	96.5	7.3

FLUORIDE

Volumetric		325.10	4	0.18	0.01
Distilled/Electrode		325.99	3	0.19	0.02
Method Group 325.XX PCT All Methods			7	0.18	0.01