

# AFPC

## Sample

**2007-04B**

**Grade**

**FEED**

	AOAC Ref.	Method #	# of Labs.	Grand Median	Std Dev
<b>TOTAL NITROGEN</b>					
Total Nitrogen, Combustion	993.13	010.60	2	0.11	0.04
Method Group 010.XX PCT			2	0.11	0.05
<b>TOTAL PHOSPHATE as P</b>					
Total Phosphate, Gravimetric Quimociac		020.10	4	18.62	0.12
Total Phosphate, Spectrometric/Auto	978.02	020.20	11	18.66	0.18
Total Phosphate, ICP		020.40	4	18.88	0.37
Total Phosphate, Other		020.99	5	18.65	0.10
Method Group 020.XX PCT			24	18.65	0.18
<b>INSOLUBLE PHOSPHATE</b>					
Insoluble Phosphate, Alka. Quimociac	963.03C(c)	030.30	2	9.25	0.08
Insoluble Phosphate, Other		030.99	1	1.51	0.00
Method Group 030.XX PCT			3	9.15	3.57
<b>INDIRECT AVAILABLE PHOSPHATE</b>					
Indirect Available Phosphate, Spectrometric	960.02	040.20	2	9.50	0.09
Indirect Available Phosphate, Other		040.99	1	17.36	0.00
Method Group 040.XX PCT			3	9.63	3.63
<b>DIRECT AVAILABLE PHOSPHATE as P</b>					
Direct Available Phosphate, Gravimetric Quimociac	960.03E	041.10	1	20.66	0.00
Direct Available Phosphate, ICP	978.01	041.40	2	19.88	0.57
Direct Available Phosphate, ICP		041.50	1	9.55	0.00
Method Group 041.XX PCT			4	19.88	3.56
<b>WATER SOLUBLE PHOSPHATE</b>					
Water Soluble Phosphate, Spectrometric	970.01	048.20	2	0.22	0.00
Water Soluble Phosphate, Other		048.99	2	0.12	0.06
Method Group 048.XX PCT			4	0.21	0.06
<b>SOLUBLE POTASH AS K<sub>2</sub>O</b>					
Soluble Potash, ICP(Oxalate)		050.50	1	0.07	0.00

Soluble Potash, Other		050.99	3	0.09	0.00
Method Group 050.XX PCT			4	0.09	0.01

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**FREE WATER**

Free Water, Vacuum Oven	965.08B	060.00	4	0.19	0.02
Free Water, Other		060.99	3	0.15	0.04
Method Group 060.XX PCT			7	0.16	0.07

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**ACID SOLUBLE CALCIUM AS Ca**

Acid Soluble Calcium, Atomic Absorption	945.04	101.00	1	31.16	0.00
Acid Soluble Calcium, ICP		101.30	12	30.40	0.35
Acid Soluble Calcium, Other		101.99	2	30.27	0.00
Method Group 101.XX PCT			15	30.40	0.40

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**ACID SOLUBLE MAGNESIUM AS Mg**

Acid Soluble Magnesium, ICP		121.30	14	0.52	0.03
Method Group 121.XX PCT			14	0.52	0.03

Water Soluble Magnesium, Atomic Absorption	965.09		No Results		
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**SULFATE SULFUR (S)**

Sulfur, Other		144.99	4	0.04	0.02
Method Group 144.XX PCT			4	0.04	0.02

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**TOTAL ARSENIC**

Total Arsenic, ICP	980.02(b)	151.02	1	7.9	0.0
Total Arsenic, Other		151.99	1	2.0	0.0
Method Group 151.XX PPM			2	4.9	2.7

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**ACID SOLUBLE BORON**

Acid Soluble Boron, Other		165.99	2	157.8	103.9
Method Group 165.XX PPM			2	157.8	126.6

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**TOTAL CADMIUM**

Total Cadmium, ICP		181.30	5	6.5	0.5
Method Group 181.XX PPM			5	6.5	0.6

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**ALUMINUM AS Al**

ICP, %			12	0.24	0.03
Method Group 190.XX PCT			12	0.24	0.04

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**TOTAL CHROMIUM**

Total Chromium, ICP		191.30	2	102	2.7
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Method Group 191.XX PPM			2	102	3.3
<b>ACID SOLUBLE COBALT</b>					
Acid Soluble Cobalt, ICP	202.30		3	1.6	1.7
Method Group 202.XX PPM			3	1.6	2.1
<b>ACID SOLUBLE COPPER</b>					
Acid Soluble Copper, ICP	221.30		3	9.6	1.1
Method Group 221.XX PPM			3	9.6	1.4
<b>ACID SOLUBLE IRON AS Fe</b>					
Acid Soluble Iron, ICP	241.30		14	0.47	0.06
Method Group 241.XX PCT			14	0.47	0.08
<b>TOTAL LEAD</b>					
Total Lead, ICP	251.30		4	10.8	15.7
Method Group 251.XX PPM			4	10.8	19.1
<b>ACID SOLUBLE MANGANESE</b>					
Acid Soluble Manganese, ICP	972.02a	261.30	2	37.0	2.2
Method Group 261.XX PPM			2	37.0	2.7
<b>WATER SOLUBLE MANGANESE</b>					
Method Group 271.XX PCT			1	0.04	0
<b>TOTAL MOLYBDENUM</b>					
Total Molybdenum, ICP	289.30		2	10.0	0.5
Method Group 289.XX PPM			2	10.0	0.6
<b>TOTAL NICKEL</b>					
Total Nickel, ICP	291.30		5	19.4	1.8
Method Group 291.XX PPM			5	19.4	2.2
<b>TOTAL SELENIUM</b>					
Total Selenium, ICP	301.30		1	<1	0.0
Method Group 301.XX PPM			1	<1	0.0
<b>SODIUM AS Na</b>					
Sodium, Atomic Absorbtion	983.04	311.00	3	5.98	0.12
Sodium, Other		311.99	6	5.86	0.21
Method Group 311.XX PCT			9	5.97	0.22
<b>ACID SOLUBLE ZINC</b>					
Acid Soluble Zinc, ICP	321.30		6	368.0	40.5

Method Group 321.XX PPM			6	368.0	49.4
<b>FLUORIDE</b>					
Volumetric		325.10	11	0.11	0.01
Electrode	AFPC	325.30	2	0.12	0.00
Method Group 325.XX PCT			13	0.11	0.01