

# AFPC

**Sample**

**2009-09B**

**Grade**

**UAN 32**

	AOAC Ref.	Method #	# of Labs.	Grand Median	Std Dev
<b>AMMONIACAL NITROGEN</b>					
Ammoniacal Nitrogen, Other		001.99	2	19.53	9.19
Method Group 001.XX PCT			2	19.53	11.20
<b>NITRATE NITROGEN</b>					
Nitrate Nitrogen, Other		002.99	1	7.45	0.00
Method Group 002.XX PCT			1	7.45	0.00
<b>PERCENT UREA</b>					
Percent UREA, Other		007.99	1	17.30	0.00
Method Group 007.XX PCT			1	17.30	0.00
<b>TOTAL NITROGEN</b>					
Total Nitrogen, Combustion	993.13	010.60	8	32.25	0.13
Total Nitrogen, Other		010.99	3	32.17	0.12
Method Group 010.XX PCT			11	32.24	0.11
<b>ACID SOLUBLE CALCIUM AS CaO</b>					
Acid Soluble Calcium, ICP		101.30	1	3.94	0.00
Method Group 101.XX PCT			1	3.94	0.00
<b>ACID SOLUBLE MAGNESIUM AS MgO</b>					
Acid Soluble Magnesium, ICP		121.30	1	0.68	0.00
Method Group 121.XX PCT			1	0.68	0.00
<b>SULFATE SULFUR (S)</b>					
Sulfur, Other		144.99	1	7.78	0.00
Method Group 144.XX PCT			1	7.78	0.00
<b>TOTAL SULFUR (S)</b>					
Sulfur, Other		145.99	1	2.59	0.00
Method Group 145.XX PCT			1	2.59	0.00
<b>TOTAL ARSENIC</b>					
Total Arsenic, ICP	980.02(b)	151.02	1	3	0.0
Method Group 151.XX PPM	UAN 32		1	3	0.0

**TOTAL CADMIUM**

Total Cadmium, ICP	181.30	1	3	0.0
Method Group 181.XX PPM		1	3	0.0

**ALUMINUM AS Al<sub>2</sub>O<sub>3</sub>**

ICP, %		1	0.10	0.00
Method Group 190.XX PCT		1	0.10	0.00

**TOTAL CHROMIUM**

Total Chromium, ICP	191.30	1	1	0.0
Method Group 191.XX PPM		1	1	0.0

**ACID SOLUBLE COBALT**

Acid Soluble Cobalt, ICP	202.30	1	0	0.0
Method Group 202.XX PPM		1	0	0.0

**ACID SOLUBLE COPPER**

Acid Soluble Copper, ICP	221.30	1	1	0.0
Method Group 221.XX PPM		1	1	0.0

**ACID SOLUBLE IRON AS Fe<sub>2</sub>O<sub>3</sub>**

Acid Soluble Iron, ICP	241.30	1	1.07	0.00
Method Group 241.XX PCT		1	1.07	0.00

**TOTAL MOLYBDENUM**

Total Molybdenum, ICP	289.30	1	0	0.0
Method Group 289.XX PPM		1	0	0.0

**TOTAL NICKEL**

Total Nickel, ICP	291.30	1	1	0.0
Method Group 291.XX PPM		1	1	0.0

**SODIUM AS Na<sub>2</sub>O**

Sodium, Other	311.99	1	9.72	0.00
Method Group 311.XX PCT		1	9.72	0.00

**ACID SOLUBLE ZINC**

Acid Soluble Zinc, ICP	321.30	1	0.3	0.0
Method Group 321.XX PPM		1	0.3	0.0

**FLUORIDE**

Volumetric	325.10	1	1.39	0.00
Method Group 325.XX PCT		1	1.39	0.00