

AFPC Check Sample 06-2009B  
Potash

050.00 Soluble Potash		
Lab	STPB Oxalate	
40	60.48	-2.116
Std Dev	60.34	-1.000
79	60.23	-0.101
Median	60.21	0.000
79	60.20	0.101
Std Dev	60.09	1.000
9	59.89	2.640

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	
99	60.14	0.000
Median	60.14	0.000

050.61 Soluble Potash		
Lab	Flame Photometric(Citrate)	
39	60.32	-1.565
Std Dev	60.25	-1.000
29	60.13	0.000
Median	60.13	0.000
Std Dev	60.01	1.000
64	60.00	1.115

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other
61	62.05	-2.213
Std Dev	61.03	-1.000
39	60.45	-0.319
Median	60.18	0.000
9	59.91	0.319
Std Dev	59.33	1.000
38	59.14	1.231

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method
61	62.05	-6.795
40	60.48	-1.110
39	60.45	-1.020
Std Dev	60.44	-1.000
39	60.32	-0.532
79	60.23	-0.208
79	60.20	-0.117
Median	60.17	0.000

99	60.14	0.117
29	60.13	0.132
64	60.00	0.605
9	59.91	0.929
Std Dev	59.89	1.000
9	59.89	1.020
38	59.14	3.709

060.99 Free Water		
Lab	Other	
124	0.03	0.000
Median	0.03	0.000

060.XX Free Water		
Lab	Total Method	
124	0.03	0.000
Median	0.03	0.000

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
124	0.31	0.000
Median	0.31	0.000

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
124	0.31	0.000
Median	0.31	0.000

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
124	0.05	0.000
Median	0.05	0.000

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
124	0.05	0.000
Median	0.05	0.000

144.99 Sulfate Sulfur (S)		
Lab	Other	
124	0.43	0.000
Median	0.43	0.000

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
124	0.43	0.000
Median	0.43	0.000

145.99 Total Sulfur (S)		
Lab	Other	
124	0.14	0.000
Median	0.14	0.000

145.XX Total Sulfur (S)		
Lab	Total Method	
124	0.14	0.000
Median	0.14	0.000

151.30 Total Arsenic		
Lab	ICP	
124	1.60	0.000
Median	1.60	0.000

151.XX Total Arsenic		
Lab	Total Method	
124	1.60	0.000
Median	1.60	0.000

165.99 Acid Soluble Boron		
Lab	PPM	Other
124	6.75	0.000
Median	6.75	0.000

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
124	6.75	0.000
Median	6.75	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
124	<0.05	0.000
Median	0.00	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
124	<0.05	0.000
Median	0.00	0.000

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
124	0.01	0.000
Median	0.01	0.000

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
124	0.01	0.000
Median	0.01	0.000

191.99 Total Chromium		
Lab	PPM	Other
124	0.30	0.000
Median	0.30	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
124	0.30	0.000
Median	0.30	0.000

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
124	<0.05	0.000
Median	0.00	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
124	<0.05	0.000
Median	0.00	0.000

221.30 Acid Soluble Copper		
Lab	PPM	ICP
124	2.06	0.000
Median	2.06	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
124	2.06	0.000
Median	2.06	0.000

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
124	0.06	0.000

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Median	0.06	0.000
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241.XX		Acid Soluble Iron
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
124	0.06	0.000
Median	0.06	0.000

251.30		Total Lead
Lab	PPM	ICP
124	0.14	0.000
Median	0.14	0.000

251.XX		Total Lead
Lab	PPM	Total Method
124	0.14	0.000
Median	0.14	0.000

261.99		Acid Soluble Manganese
Lab	PPM	Other
124	11.75	0.000
Median	11.75	0.000

261.XX		Acid Soluble Manganese
Lab	PPM	Total Method
124	11.75	0.000
Median	11.75	0.000

281.30		Total Mercury
Lab	PPM	ICP
124	<0.05	0.000
Median	0.00	0.000

281.XX		Total Mercury
Lab	PPM	Total Method
124	<0.05	0.000
Median	0.00	0.000

289.30		Total Molybdenum
Lab	PPM	ICP
124	0.84	0.000
Median	0.84	0.000

289.XX		Total Molybdenum
Lab	PPM	Total Method

124	0.84	0.000
Median	0.84	0.000

291.30		Total Nickel
Lab	ICP	
124	<0.05	0.000
Median	0.00	0.000

291.XX		Total Nickel
Lab	PPM	Total Method
124	<0.05	0.000
Median	0.00	0.000

301.30		Total Selenium
Lab	PPM	ICP
124	<0.05	0.000
Median	0.00	0.000

301.XX		Total Selenium
Lab	PPM	Total Method
124	<0.05	0.000
Median	0.00	0.000

311.99		Sodium
Lab	%Na <sub>2</sub> O	Other
124	0.24	0.000
Median	0.24	0.000

311.XX		Sodium
Lab	%Na <sub>2</sub> O	Total Method
124	0.24	0.000
Median	0.24	0.000

321.30		Acid Soluble Zinc
Lab	PPM	ICP
124	0.27	0.000
Median	0.27	0.000

321.XX		Acid Soluble Zinc
Lab	PPM	Total Method
124	0.27	0.000
Median	0.27	0.000

325.10		Fluoride
Lab	%	Electrode
124	0.02	0.000
Median	0.02	0.000

325.XX		Fluoride
Lab	%	Total Method
124	0.02	0.000
Median	0.02	0.000