

EPA SAMPLE NO.

MBHNL7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No.: _____ SDG No.: MBHMR4Matrix : Soil Analytical Method: ICP-AES% Solids: 86Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	2200		2200		1	
Antimony	5.9	U	30.0	U		
Arsenic	2.5		4.9	U	100	
Barium	42		42	J	1	
Beryllium	0.15	J	0.18	J	18	
Cadmium	0.3	J	0.26	J	14	
Calcium	19000		19000		3	
Chromium	5.5		5.6		2	
Cobalt	3.6	J	3.7	J	2	
Copper	12		13		7	
Iron	7300		7600		5	
Lead	37		37		0	
Magnesium	2500		2600		3	
Manganese	370		390		5	
Nickel	5.5		5.4	J	1	
Potassium	220	J	210	J	3	
Selenium	1.2	J	17.0	U	100	
Silver	0.99	U	4.9	U		
Sodium	490	U	2500	U		
Thallium	2.5	U	12.0	U		
Vanadium	4.9		3.9	J	20	
Zinc	59		61		3	