

EPA SAMPLE NO.

MBHMH8L

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.: MBHHL4Matrix : Soil Analytical Method: ICP-AES% Solids: 85.1Concentration 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	6200		7200		17	
Antimony	0.69	J	25.0	U	100	
Arsenic	5.5		6.5		17	
Barium	72		85		19	
Beryllium	0.35	J	0.47	J	37	
Cadmium	1.4		1.3	J	10	
Calcium	14000		17000		21	*
Chromium	12		14		25	*
Cobalt	7.6		7.3	J	3	
Copper	31		38		21	*
Iron	15000		19000		22	*
Lead	110		110		6	
Magnesium	4100		4900		20	
Manganese	770		940		22	*
Nickel	16		17		4	
Potassium	530		430	J	19	
Selenium	3.0	U	15.0	U		
Silver	0.85	U	4.2	U		
Sodium	160	J	2100	U	100	
Thallium	2.1	U	11.0	U		
Vanadium	17		19	J	12	
Zinc	110		130		21	*