

EPA SAMPLE NO.

MBHHE1L

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.: MBHHE1Matrix : Soil Analytical Method: ICP-AES% Solids: 80.8Concentration 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	6700		8000		20	
Antimony	0.59	J	25.0	U	100	
Arsenic	9.9		12		22	
Barium	160		190		21	*
Beryllium	0.43		0.56	J	31	
Cadmium	1.3		1.1	J	15	
Calcium	23000		28000		24	*
Chromium	11		14		24	*
Cobalt	7.5		6.1	J	18	
Copper	130		160		25	*
Iron	14000		17000		25	*
Lead	130		130		2	
Magnesium	5800		7100		23	*
Manganese	820		1000		27	*
Nickel	18		18		1	
Potassium	840		1000	J	20	
Selenium	3.0	U	15.0	U		
Silver	0.85	U	4.2	U		
Sodium	91	J	2100	U	100	
Thallium	2.1	U	11.0	U		
Vanadium	16		19	J	18	
Zinc	340		430		26	*