

EPA SAMPLE NO.

MBHHH6L

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.: MBHHG2Matrix : Soil Analytical Method: ICP-AES% Solids: 78.3Concentration 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	5800		6600		15	
Antimony	0.67	J	31.0	U	100	
Arsenic	19		20		4	
Barium	180		210		16	
Beryllium	0.33	J	0.37	J	10	
Cadmium	1.3		1.3	J	3	
Calcium	9100		11000		17	
Chromium	18		21		17	
Cobalt	6.0		5.6	J	7	
Copper	45		53		16	
Iron	12000		14000		17	
Lead	440		460		5	
Magnesium	3600		4200		18	
Manganese	890		1100		19	
Nickel	16		17	J	2	
Potassium	470	J	590	J	24	
Selenium	3.6	U	18.0	U		
Silver	1.0	U	5.2	U		
Sodium	520	U	2600	U		
Thallium	2.6	U	13.0	U		
Vanadium	14		18	J	23	
Zinc	270		320		18	