

EPA SAMPLE NO.

MBHHA6L

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.: MBHHA5Matrix : Soil Analytical Method: ICP-AES% Solids: 80.2Concentration 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	7800		9400		21	*
Antimony	6.5	U	33.0	U		
Arsenic	13		12		5	
Barium	250		300		20	
Beryllium	0.69		0.87	J	26	
Cadmium	1.1		1.1	J	5	
Calcium	17000		20000		20	
Chromium	17		20		21	*
Cobalt	14		19	J	42	*
Copper	50		63		27	*
Iron	20000		25000		21	*
Lead	370		380		0	
Magnesium	4000		4800		20	
Manganese	1300		1600		21	*
Nickel	24		23		2	
Potassium	1400		1300	J	8	
Selenium	3.8	U	19.0	U		
Silver	1.1	U	5.4	U		
Sodium	540	U	2700	U		
Thallium	2.7	U	14.0	U		
Vanadium	20		22	J	13	
Zinc	250		300		19	