

EPA SAMPLE NO.

MBHJL6L

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.: MBHJH3Matrix : Soil Analytical Method: ICP-AES% Solids: 81.1Concentration 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	5400		6900		27	*
Antimony	1.2	J	28.0	U	100	
Arsenic	6.3		5.6		12	
Barium	170		210		27	*
Beryllium	0.4	J	0.53	J	33	
Cadmium	0.53		0.41	J	21	
Calcium	21000		27000		28	*
Chromium	9.3		12		27	*
Cobalt	9.8		17	J	71	*
Copper	23		28		24	
Iron	12000		15000		29	*
Lead	150		160		11	
Magnesium	4000		5200		31	*
Manganese	850		1100		29	*
Nickel	12		12	J	3	
Potassium	640		620	J	4	
Selenium	3.2	U	16.0	U		
Silver	0.93	U	4.6	U		
Sodium	110	J	2300	U	100	
Thallium	2.3		4.0	J	73	
Vanadium	10		15	J	44	
Zinc	95		120		26	*