

EPA SAMPLE NO.

MBHHJ4L

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.: MBHHJ1Matrix : Soil Analytical Method: ICP-AES% Solids: 78.7Concentration 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	6300		7200		13	
Antimony	0.84	J	28.0	U	100	
Arsenic	12		16		36	
Barium	270		300		12	
Beryllium	0.45	J	0.62	J	36	
Cadmium	2.4		2.3		6	
Calcium	16000		18000		15	
Chromium	17		20		16	
Cobalt	8.6		8.4	J	2	
Copper	57		64		13	
Iron	20000		23000		16	
Lead	530		560		5	
Magnesium	3300		3800		16	
Manganese	1100		1300		17	
Nickel	18		19		5	
Potassium	720		640	J	11	
Selenium	3.2	U	16.0	U		
Silver	0.92	U	4.6	U		
Sodium	200	J	2300	U	100	
Thallium	2.3	U	12.0	U		
Vanadium	18		19	J	8	
Zinc	310		380		20	