

EPA SAMPLE NO.

MBHLL6L

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.: MBHLL1Matrix : Soil Analytical Method: ICP-AES% Solids: 77.3Concentration 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	5700		6400		13	
Antimony	5.6	U	28.0	U		
Arsenic	12		12		0	
Barium	120		140		13	
Beryllium	0.67		0.74	J	12	
Cadmium	0.52		0.5	J	3	
Calcium	6200		7100		15	
Chromium	17		19		12	
Cobalt	8.6		11	J	29	*
Copper	30		33		10	
Iron	14000		16000		13	
Lead	150		150		2	
Magnesium	2000		2200	J	14	
Manganese	1000		1100		14	
Nickel	13		13	J	2	
Potassium	440	J	420	J	6	
Selenium	7.1		5.5	J	22	
Silver	0.94	U	4.7	U		
Sodium	470	U	2300	U		
Thallium	2.3	U	12.0	U		
Vanadium	15		18	J	17	
Zinc	79		110		33	*