

EPA SAMPLE NO.

MBHM25L

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.: MBHM14Matrix : Soil Analytical Method: ICP-AES% Solids: 88.1Concentration 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	5700		7000		22	*
Antimony	6.9		9.0	J	30	
Arsenic	23		23		2	
Barium	140		160		20	
Beryllium	0.99		1.3	J	30	
Cadmium	0.99		0.83	J	16	
Calcium	23000		29000		22	*
Chromium	11		13		21	*
Cobalt	15		22	J	50	*
Copper	39		48		23	*
Iron	34000		41000		23	*
Lead	200		210		6	
Magnesium	4000		4900		23	*
Manganese	830		1000		23	*
Nickel	24		25		3	
Potassium	790		600	J	24	
Selenium	16		16		1	
Silver	1.3		1.1	J	16	
Sodium	460	U	2300	U		
Thallium	2.3	U	12.0	U		
Vanadium	17		24		36	
Zinc	140		170		25	*