

EPA SAMPLE NO.

MBHM51L

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.: MBHM42Matrix : Soil Analytical Method: ICP-AES% Solids: 79.1Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	6400		7300		12	
Antimony	4.1	J	2.5	J	39	
Arsenic	19		17		10	
Barium	240		260		11	
Beryllium	1.0		1.2	J	17	
Cadmium	1.8		1.7	J	9	
Calcium	33000		37000		13	
Chromium	17		20		12	
Cobalt	13		20	J	58	*
Copper	75		83		11	
Iron	18000		20000		14	
Lead	470		460		3	
Magnesium	9800		11000		15	
Manganese	740		850		15	
Nickel	20		17	J	14	
Potassium	890		890	J	0	
Selenium	7.2		16.0	U	100	
Silver	0.92	U	4.6	U		
Sodium	180	J	2300	U	100	
Thallium	2.3	U	4.6	J	100	
Vanadium	19		19	J	2	
Zinc	380		440		13	