

EPA SAMPLE NO.

MBHM94L

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.: MBHM90Matrix : Soil Analytical Method: ICP-AES% Solids: 77.7Concentration 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	5500	6600	21	*
Antimony	4.0 J	29.0 U	100	
Arsenic	32	34	4	
Barium	170	210	20	
Beryllium	1.5	1.8 J	17	
Cadmium	0.96	0.97 J	2	
Calcium	18000	22000	22	*
Chromium	18	21	22	*
Cobalt	3.5 J	11 J	221	
Copper	58	68	18	
Iron	22000	27000	23	*
Lead	380	420	10	
Magnesium	3900	4800	22	*
Manganese	550	670	23	*
Nickel	22	23	6	
Potassium	440 J	2400 U	100	
Selenium	10	8.8 J	14	
Silver	0.98 U	4.9 U		
Sodium	98 J	2400 U	100	
Thallium	2.4 U	12.0 U		
Vanadium	22	22 J	3	
Zinc	310	390	23	*