

EPA SAMPLE NO.

MBHMM6L

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.: MBHMM0Matrix : Soil Analytical Method: ICP-AES% Solids: 86.9Concentration 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	6800		8100		19	
Antimony	1.2	J	31.0	U	100	
Arsenic	22		20		9	
Barium	160		190		20	
Beryllium	0.82		1.1	J	33	
Cadmium	1.1		1.1	J	5	
Calcium	10000		12000		21	*
Chromium	12		15		21	*
Cobalt	15		20	J	30	*
Copper	36		39		10	
Iron	20000		24000		21	*
Lead	170		180		2	
Magnesium	2500		3000		22	*
Manganese	2600		3200		22	*
Nickel	21		21		1	
Potassium	700		950	J	35	
Selenium	11		9.1	J	20	
Silver	1.0	U	5.1	U		
Sodium	130	J	2600	U	100	
Thallium	2.6	U	13.0	U		
Vanadium	21		25	J	20	
Zinc	280		370		30	*