

EPA SAMPLE NO.

MBHMC9L

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.: MBHM62Matrix : Soil Analytical Method: ICP-AES% Solids: 81.5Concentration 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	5200		5600		8	
Antimony	5.4		5.4	J	0	
Arsenic	12		13		2	
Barium	170		180		8	
Beryllium	0.68		0.84	J	24	
Cadmium	0.65		0.57	J	12	
Calcium	39000		43000		10	
Chromium	15		16		10	
Cobalt	11		19	J	72	*
Copper	35		36		4	
Iron	19000		21000		10	
Lead	450		430		3	
Magnesium	6200		7000		12	
Manganese	600		670		12	
Nickel	21		19		11	
Potassium	960		1000	J	6	
Selenium	7.4		16.0	U	100	
Silver	0.9	U	4.5	U		
Sodium	130	J	2300	U	100	
Thallium	2.3	U	11.0	U		
Vanadium	21		18	J	15	
Zinc	280		310		10	