

EPA SAMPLE NO.

MBHMK9L

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.: MBHME4Matrix : Soil Analytical Method: ICP-AES% Solids: 79.2Concentration 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	6100		6900		14	
Antimony	4.3	J	4.4	J	3	
Arsenic	22		19		16	
Barium	200		220		14	
Beryllium	0.7		0.85	J	22	
Cadmium	1.5		1.4	J	5	
Calcium	11000		13000		15	
Chromium	16		18		14	
Cobalt	13		17	J	29	*
Copper	70		78		11	
Iron	18000		20000		14	
Lead	490		490		1	
Magnesium	3000		3500		16	
Manganese	1500		1700		15	
Nickel	22		20		7	
Potassium	870		910	J	5	
Selenium	9.1		12	J	32	
Silver	0.95	U	4.8	U		
Sodium	120	J	2400	U	100	
Thallium	2.4	U	12.0	U		
Vanadium	16		18	J	12	
Zinc	320		370		16	