

EPA SAMPLE NO.

MBHMK3L

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.: MBHMK3Matrix : Soil Analytical Method: ICP-AES% Solids: 76.7Concentration 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	7200		8100		13	
Antimony	3.6	J	3.5	J	4	
Arsenic	19		19		1	
Barium	150		170		12	
Beryllium	0.75		0.95	J	26	
Cadmium	0.76		0.69	J	9	
Calcium	6300		7100		12	
Chromium	14		16		9	
Cobalt	14		15	J	11	
Copper	41		38		9	
Iron	18000		20000		12	
Lead	240		230		5	
Magnesium	2000		2200	J	12	
Manganese	1800		2000		14	
Nickel	22		20		8	
Potassium	1100		1100	J	5	
Selenium	9.9		12	J	23	
Silver	1.0	U	5.1	U		
Sodium	510	U	2500	U		
Thallium	2.5	U	13.0	U		
Vanadium	19		18	J	5	
Zinc	150		170		12	