

EPA SAMPLE NO.

MBHKM2L

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.: MBHKM2Matrix : Soil Analytical Method: ICP-AES% Solids: 85.3Concentration 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	5800		6500		11	
Antimony	5.0	U	25.0	U		
Arsenic	3.9		4.5		16	
Barium	52		58	J	12	
Beryllium	0.5		0.55	J	10	
Cadmium	0.19	J	0.21	J	11	
Calcium	3100		3500		12	
Chromium	6.8		7.5		9	
Cobalt	6.2		7.1	J	14	
Copper	10		11		9	
Iron	12000		14000		12	
Lead	21		21		1	
Magnesium	1500		1600	J	11	
Manganese	270		310		13	
Nickel	8.5		8.4	J	1	
Potassium	200	J	2100	U	100	
Selenium	2.9	U	14.0	U		
Silver	0.83	U	4.1	U		
Sodium	410	U	2100	U		
Thallium	2.1	U	10.0	U		
Vanadium	13		16	J	19	
Zinc	27		29		8	