

EPA SAMPLE NO.

MBHK22L

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.: MBHJJ2Matrix : Soil Analytical Method: ICP-AES% Solids: 84.4Concentration 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	7100		8200		15	
Antimony	5.7	U	29.0	U		
Arsenic	20		21		7	
Barium	280		320		15	
Beryllium	0.81		0.97	J	20	
Cadmium	1.1		0.94	J	11	
Calcium	17000		20000		17	
Chromium	15		18		20	
Cobalt	12		18	J	49	*
Copper	55		65		18	
Iron	17000		20000		18	
Lead	510		510		0	
Magnesium	6100		7200		17	
Manganese	790		930		18	
Nickel	17		16	J	7	
Potassium	730		770	J	6	
Selenium	9.5		17.0	U	100	
Silver	0.96	U	1.2	J	100	
Sodium	480	U	2400	U		
Thallium	2.4	U	12.0	U		
Vanadium	22		23	J	5	
Zinc	260		300		17	