

EPA SAMPLE NO.

MBHK40L

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.: MBHK34Matrix : Soil Analytical Method: ICP-AES% Solids: 88.4Concentration 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	8300		9800		18	
Antimony	3.2	J	3.1	J	4	
Arsenic	12		11		6	
Barium	66		78		19	
Beryllium	0.68		0.86	J	27	
Cadmium	0.6		0.56	J	7	
Calcium	7000		8400		20	
Chromium	12		15		21	*
Cobalt	12		17	J	36	*
Copper	23		26		13	
Iron	19000		23000		20	
Lead	87		90		4	
Magnesium	2600		3200		21	*
Manganese	1300		1600		21	*
Nickel	16		17		4	
Potassium	350	J	240	J	33	
Selenium	0.81	J	14.0	U	100	
Silver	0.78	U	3.9	U		
Sodium	390	U	1900	U		
Thallium	2.1		9.7	U	100	
Vanadium	17		17	J	2	
Zinc	75		92		23	*