

EPA SAMPLE NO.

MBHLB8L

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.: MBHL94Matrix : Soil Analytical Method: ICP-AES% Solids: 90.8Concentration 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	5500		6400		16	
Antimony	2.8	J	2.0	J	28	
Arsenic	8.0		9.6		21	
Barium	170		200		18	
Beryllium	0.58		0.68	J	17	
Cadmium	0.43		0.39	J	8	
Calcium	2800		3300		17	
Chromium	9.0		11		17	
Cobalt	11		12	J	10	
Copper	8.1		11		37	
Iron	17000		20000		17	
Lead	16		15		5	
Magnesium	2200		2500		17	
Manganese	1600		1900		18	
Nickel	15		15	J	1	
Potassium	340	J	570	J	66	
Selenium	7.3		8.8	J	20	
Silver	0.6	J	1.1	J	84	
Sodium	430	U	2200	U		
Thallium	2.2	U	11.0	U		
Vanadium	15		18	J	15	
Zinc	39		48		22	*