

EPA SAMPLE NO.

MBHLG4L

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.: MBHLG0Matrix : Soil Analytical Method: ICP-AES% Solids: 88.6Concentration 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	5700		7000		22	*
Antimony	3.2	J	5.7	J	77	
Arsenic	11		11		5	
Barium	120		140		23	*
Beryllium	0.6		0.76	J	26	
Cadmium	0.77		0.75	J	3	
Calcium	25000		31000		24	*
Chromium	27		33		24	*
Cobalt	11		19	J	76	*
Copper	23		30		30	
Iron	13000		17000		25	*
Lead	130		140		4	
Magnesium	8700		11000		24	*
Manganese	770		960		25	*
Nickel	20		20		1	
Potassium	580		360	J	38	
Selenium	5.0		15.0	U	100	
Silver	0.84	U	4.2	U		
Sodium	420	U	2100	U		
Thallium	2.1	U	11.0	U		
Vanadium	15		19	J	24	
Zinc	87		110		27	*