

EPA SAMPLE NO.

MBHL34L

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.: MBHL28Matrix : Soil Analytical Method: ICP-AES% Solids: 93.2Concentration 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	4000		4700		17	
Antimony	2.2	J	3.4	J	56	
Arsenic	4.8		2.5	J	47	
Barium	43		50	J	15	
Beryllium	0.39	J	0.47	J	22	
Cadmium	0.29	J	0.21	J	28	
Calcium	54000		63000		17	
Chromium	6.5		7.5		16	
Cobalt	9.4		19	J	104	*
Copper	17		20		21	
Iron	11000		13000		19	
Lead	16		20		24	*
Magnesium	8400		10000		20	
Manganese	840		1000		19	
Nickel	11		9.9	J	6	
Potassium	340	J	2300	U	100	
Selenium	2.6	J	16.0	U	100	
Silver	0.39	J	0.65	J	69	
Sodium	460	U	2300	U		
Thallium	2.3	U	5.1	J	100	
Vanadium	9.6		11	J	10	
Zinc	35		43		22	*