

EPA SAMPLE NO.

MBHH99L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51974 MA No.: SDG No.: MBHH96Matrix : Soil Analytical Method: ICP-AES% Solids: 74Concentration 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	5800		6000		3	
Antimony	0.64	J	31.0	U	100	
Arsenic	2.1		2.3	J	10	
Barium	87		89	J	1	
Beryllium	0.58		0.68	J	19	
Cadmium	0.2	J	0.19	J	2	
Calcium	15000		16000		5	
Chromium	10		11		10	
Cobalt	7.1		7.3	J	3	
Copper	7.1		8.1	J	14	
Iron	8600		9200		7	
Lead	19		21		8	
Magnesium	3500		3700		5	
Manganese	740		780		5	
Nickel	13		13	J	2	
Potassium	590		520	J	12	
Selenium	1.4	J	18.0	U	100	
Silver	1.0	U	5.2	U		
Sodium	520	U	2600	U		
Thallium	2.6	U	13.0	U		
Vanadium	12		14	J	12	
Zinc	46		47		3	