

EPA SAMPLE NO.

MBHN81L

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.: MBHMZ2Matrix : Soil Analytical Method: ICP-AES% Solids: 82.1Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	6600		7900		19	
Antimony	5.8	U	29.0	U		
Arsenic	5.5		5.9		6	
Barium	66		77	J	18	
Beryllium	0.4	J	0.49	J	24	*
Cadmium	0.56		0.41	J	27	
Calcium	6500		7900		21	*
Chromium	14		17		25	*
Cobalt	8.4		8.5	J	1	
Copper	15		19		25	
Iron	18000		22000		22	*
Lead	58		61		4	
Magnesium	3800		4600		20	
Manganese	400		480		22	*
Nickel	20		20		2	
Potassium	880		1200	J	34	
Selenium	3.2	J	4.4	J	36	
Silver	0.97	U	4.8	U		
Sodium	480	U	2400	U		
Thallium	2.4	U	12.0	U		
Vanadium	15		18	J	18	
Zinc	75		92		24	*