

EPA SAMPLE NO.

MBHNF3L

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.: MBHN18Matrix : Soil Analytical Method: ICP-AES% Solids: 75.4Concentration 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	6500		7600		17	
Antimony	6.7	U	34.0	U		
Arsenic	9.2		11		17	
Barium	170		200		13	
Beryllium	0.47	J	0.59	J	27	*
Cadmium	1.0		0.76	J	24	
Calcium	21000		24000		19	
Chromium	18		22		24	*
Cobalt	11		11	J	4	
Copper	40		51		26	*
Iron	17000		21000		22	*
Lead	200		200		1	
Magnesium	4000		4900		21	*
Manganese	1100		1300		19	
Nickel	18		17	J	2	
Potassium	700		790	J	12	
Selenium	3.3	J	5.0	J	52	
Silver	1.1	U	5.6	U		
Sodium	130	J	2800	U	100	
Thallium	2.8	U	14.0	U		
Vanadium	16		19	J	17	
Zinc	140		170		23	*