

EPA SAMPLE NO.

MBHLY4L

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.: MBHLQ3Matrix : Soil Analytical Method: ICP-AES% Solids: 77.2Concentration 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	7500	9800	30	*
Antimony	1.2 J	31.0 U	100	
Arsenic	12	11	9	
Barium	100	130	28	*
Beryllium	0.76	1.1 J	41	
Cadmium	0.36 J	0.33 J	7	
Calcium	5800	7600	32	*
Chromium	12	16	28	*
Cobalt	10	14 J	33	*
Copper	38	49	31	*
Iron	17000	22000	32	*
Lead	45	48	8	
Magnesium	2600	3400	31	*
Manganese	870	1100	32	*
Nickel	17	17 J	2	
Potassium	530	780 J	48	
Selenium	9.2	9.3 J	1	
Silver	1.0 U	5.1 U		
Sodium	510 U	2600 U		
Thallium	2.6 U	13.0 U		
Vanadium	17	23 J	34	
Zinc	83	120	45	*