

EPA SAMPLE NO.

MBHLP3L

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.: MBHLP0Matrix : Soil Analytical Method: ICP-AES% Solids: 82.4Concentration 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	7200	8100	13	
Antimony	5.5 U	27.0 U		
Arsenic	11	11	3	
Barium	83	92	12	
Beryllium	0.73	0.91 J	24	
Cadmium	0.43 J	0.41 J	5	
Calcium	11000	12000	15	
Chromium	12	13	13	
Cobalt	10	14 J	42	*
Copper	14	17	21	
Iron	15000	17000	15	
Lead	130	130	1	
Magnesium	2800	3300	15	
Manganese	590	680	15	
Nickel	12	11 J	3	
Potassium	420 J	640 J	51	
Selenium	7.5	4.2 J	44	
Silver	0.91 U	4.6 U		
Sodium	460 U	2300 U		
Thallium	2.3 U	11.0 U		
Vanadium	18	19 J	7	
Zinc	82	100	28	*