

EPA SAMPLE NO.

MBHLS0L

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.: MBHLR4Matrix : Soil Analytical Method: ICP-AES% Solids: 80.6Concentration 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	6400		7800		22	*
Antimony	4.4	J	4.7	J	6	
Arsenic	15		14		4	
Barium	190		230		21	*
Beryllium	0.78		1.0	J	29	
Cadmium	2.1		2.1	J	1	
Calcium	17000		20000		22	*
Chromium	13		16		24	*
Cobalt	11		18	J	53	*
Copper	30		35		20	
Iron	19000		24000		23	*
Lead	250		250		4	
Magnesium	3700		4600		23	*
Manganese	880		1100		22	*
Nickel	19		20		1	
Potassium	930		730	J	22	
Selenium	9.0		9.2	J	1	
Silver	0.097	J	0.51	J	428	
Sodium	450	U	2300	U		
Thallium	2.3	U	11.0	U		
Vanadium	17		21	J	21	
Zinc	460		550		20	