

EPA SAMPLE NO.

MBHHX4L

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.: MBHHR1Matrix : Soil Analytical Method: ICP-AES% Solids: 73.2Concentration 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	6800		7700		14	
Antimony	0.59	J	35.0	U	100	
Arsenic	20		21		5	
Barium	230		250		12	
Beryllium	0.66		0.73	J	10	
Cadmium	0.95		0.92	J	3	
Calcium	3800		4300		14	
Chromium	22		24		12	
Cobalt	13		14	J	8	
Copper	63		78		24	*
Iron	17000		19000		13	
Lead	890		900		1	
Magnesium	1700		1900	J	13	
Manganese	1400		1600		14	
Nickel	24		24		1	
Potassium	800		580	J	27	
Selenium	1.5	J	20.0	U	100	
Silver	1.2	U	5.8	U		
Sodium	580	U	2900	U		
Thallium	2.9	U	15.0	U		
Vanadium	17		21	J	22	
Zinc	230		260		15	