

EPA SAMPLE NO.

MBHHA2L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51988 MA No.: SDG No.: MBHHA0Matrix : Soil Analytical Method: ICP-AES% Solids: 85.8Concentration 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	11000		13000		20	
Antimony	4.5	J	4.3	J	4	
Arsenic	14		16		13	
Barium	94		110		20	
Beryllium	1.7		2.3	J	35	*
Cadmium	0.2	J	2.4	U	100	
Calcium	7300		8900		22	*
Chromium	28		33		18	
Cobalt	19		21	J	13	
Copper	20		23		15	
Iron	29000		35000		21	*
Lead	34		34		1	
Magnesium	7800		9700		24	*
Manganese	750		920		23	*
Nickel	34		33		3	
Potassium	540		890	J	65	
Selenium	17		20		19	
Silver	2.5		2.4	J	4	
Sodium	250	J	630	J	157	
Thallium	2.4	U	12.0	U		
Vanadium	34		42		26	*
Zinc	84		98		15	