

EPA SAMPLE NO.

MBHM03L

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.: MBHM00Matrix : Soil Analytical Method: ICP-AES% Solids: 83.5Concentration 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	8900		12000		32	*
Antimony	3.8	J	3.5	J	10	
Arsenic	28		31		11	
Barium	80		100		30	*
Beryllium	1.2		1.5	J	22	*
Cadmium	0.78		0.63	J	19	
Calcium	3100		4100		31	*
Chromium	12		17		41	*
Cobalt	23		24		3	
Copper	65		90		38	*
Iron	26000		33000		29	*
Lead	79		80		1	
Magnesium	1900		2500		37	*
Manganese	1800		2400		33	*
Nickel	25		24		4	
Potassium	430	U	2200	U		
Selenium	16		22		35	
Silver	0.87	U	4.3	U		
Sodium	430	U	2200	U		
Thallium	2.2	U	11.0	U		
Vanadium	13		19	J	47	
Zinc	110		150		35	*