

EPA SAMPLE NO.

MBHN51L

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.: MBHN20Matrix : Soil Analytical Method: ICP-AES% Solids: 84.6Concentration 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	8500		10000		21	*
Antimony	2.4	J	29.0	U	100	
Arsenic	17		16		5	
Barium	94		110		20	
Beryllium	1.0		1.1	J	7	
Cadmium	0.63		0.46	J	26	
Calcium	4700		5700		20	
Chromium	12		14		16	
Cobalt	13		14	J	9	
Copper	32		39		21	*
Iron	18000		22000		19	
Lead	77		77		0	
Magnesium	2300		2800		22	*
Manganese	1000		1200		21	*
Nickel	15		14	J	7	
Potassium	480	U	2400	U		
Selenium	11		15	J	42	
Silver	0.97	U	4.8	U		
Sodium	480	U	2400	U		
Thallium	2.4	U	12.0	U		
Vanadium	18		22	J	19	
Zinc	68		82		20	