

EPA SAMPLE NO.

MBHLE8L

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.: MBHLD9Matrix : Soil Analytical Method: ICP-AES% Solids: 78.9Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	7300		8700		19	
Antimony	1.2	J	30.0	U	100	
Arsenic	21		24		14	
Barium	300		350		19	
Beryllium	0.83		1.1	J	31	
Cadmium	1.1		1.0	J	7	
Calcium	8200		9800		19	
Chromium	35		41		17	
Cobalt	11		15	J	34	*
Copper	58		70		20	
Iron	18000		21000		20	
Lead	450		460		1	
Magnesium	2900		3500		21	*
Manganese	960		1200		20	
Nickel	20		21		0	
Potassium	1000		1200	J	16	
Selenium	9.3		9.7	J	5	
Silver	1.0	U	5.0	U		
Sodium	500	U	2500	U		
Thallium	2.5	U	13.0	U		
Vanadium	18		17	J	6	
Zinc	300		380		25	*