

EPA SAMPLE NO.

MH2GN9L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GN9Matrix : Soil Analytical Method: ICP-MS% Solids: 100Concentration 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
Antimony	0.2	J	0.24	J	18	
Arsenic	4.0		4.6		16	
Barium	180		200		11	
Beryllium	0.46		0.54	J	18	
Cadmium	1.8		2.0		12	
Chromium	5.0		5.6		11	
Cobalt	3.0		3.4		11	
Copper	26		29		13	
Lead	140		160		12	
Manganese	250		290		12	
Nickel	14		16		11	
Selenium	0.31	J	6.0	U	100	
Silver	0.32		0.37	J	14	
Thallium	0.095	J	0.11	J	12	
Vanadium	12		13		10	
Zinc	170		190		13	