

EPA SAMPLE NO.

MH2GQ3L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 318680 MA No.: SDG No.: MH2GQ3Matrix : 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	0.34	J	0.34	J	1	
Arsenic	4.8		5.4		12	
Barium	180		180		0	
Beryllium	0.4		0.39	J	4	
Cadmium	2.6		2.5		2	
Chromium	4.0		4.1		1	
Cobalt	2.8		2.8		2	
Copper	36		37		5	
Lead	260		260		2	
Manganese	240		240		1	
Nickel	5.1		5.7		12	
Selenium	0.2	J	5.6	U	100	
Silver	0.68		0.69	J	2	
Thallium	0.082	J	0.089	J	8	
Vanadium	11		11		0	
Zinc	250		260		3	