

EPA SAMPLE NO.

MYE5K5L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE5J2Matrix : Soil Analytical Method: ICP-MS% Solids: 94.4Concentration 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	0.49	J	0.49	J	1	
Arsenic	44		47		7	
Barium	440	D	460	D	5	
Beryllium	0.73		0.77	J	6	
Cadmium	0.33	J	2.3	U	100	
Chromium	45		47		5	
Cobalt	24	D	25	D	3	
Copper	61		65		7	
Lead	14		14		1	
Nickel	59	D	61	D	3	
Selenium	2.3	U	12.0	U		
Silver	0.11	J	2.3	U	100	
Thallium	0.19	J	0.19	J	2	
Vanadium	85	D	86	D	1	
Zinc	97		110		13	