

EPA SAMPLE NO.

MYE4G9L

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.: MYE4F0Matrix : Soil Analytical Method: ICP-AES% Solids: 96.6Concentration 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	17000	D	18000	D	5	
Antimony	1.2	JD	54.0	UD	100	
Arsenic	42	D	48	D	14	
Barium	180	D	190	D	5	
Beryllium	0.86	JD	1.1	JD	24	
Cadmium	0.54	JD	0.41	JD	24	
Calcium	7800	D	8200	D	6	
Chromium	48	D	52	D	7	
Cobalt	21	D	20	JD	6	
Copper	85	D	84	D	1	
Iron	39000	D	42000	D	7	
Lead	25	D	27	D	6	
Magnesium	9100	D	9600	D	5	
Manganese	900	D	960	D	6	
Nickel	42	D	42	D	1	
Potassium	4200	D	4300	JD	4	
Selenium	6.3	UD	31.0	UD		
Silver	1.8	UD	8.9	UD		
Sodium	230	JD	4500	UD	100	
Thallium	4.5	UD	22.0	UD		
Vanadium	77	D	83	D	7	
Zinc	83	D	88	D	6	