

EPA SAMPLE NO.

MYE5G9L

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.: MYE5G4Matrix : Soil Analytical Method: ICP-AES% Solids: 96.1Concentration 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	12000	D	13000	D	8	
Antimony	1.2	JD	49.0	UD	100	
Arsenic	27	D	30	D	8	
Barium	160	D	180	D	9	
Beryllium	0.78	JD	0.79	JD	2	
Cadmium	0.76	JD	0.58	JD	23	
Calcium	3400	D	3700	JD	9	
Chromium	34	D	37	D	11	
Cobalt	17	D	18	JD	3	
Copper	76	D	84	D	11	
Iron	30000	D	33000	D	10	
Lead	38	D	40	D	4	
Magnesium	6300	D	6800	D	8	
Manganese	1100	D	1200	D	9	
Nickel	38	D	39	D	3	
Potassium	2400	D	2500	JD	1	
Selenium	5.7	UD	29.0	UD		
Silver	1.6	UD	8.2	UD		
Sodium	820	UD	4100	UD		
Thallium	4.1	UD	21.0	UD		
Vanadium	63	D	65	D	3	
Zinc	110	D	130	D	12	