

EPA SAMPLE NO.

MYE5N2L

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.: MYE5L0Matrix : Soil Analytical Method: ICP-AES% Solids: 97.3Concentration 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	8900	D	9900	D	11	
Antimony	2.3	JD	5.1	JD	122	
Arsenic	32	D	35	D	9	
Barium	140	D	150	JD	12	
Beryllium	0.53	JD	0.53	JD	2	
Cadmium	0.22	JD	4.6	UD	100	
Calcium	18000	D	21000	D	12	
Chromium	28	D	31	D	14	
Cobalt	14	D	14	JD	1	
Copper	31	D	34	D	11	
Iron	25000	D	28000	D	12	
Lead	9.8	D	10	D	6	
Magnesium	5600	D	6200	D	11	
Manganese	690	D	780	D	13	
Nickel	29	D	31	JD	7	
Potassium	920	D	960	JD	4	
Selenium	6.4	UD	32.0	UD		
Silver	1.8	UD	9.1	UD		
Sodium	910	UD	4600	UD		
Thallium	4.6	UD	23.0	UD		
Vanadium	45	D	48	D	5	
Zinc	47	D	56	D	17	