

EPA SAMPLE NO.

MYE4T8L

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.: MYE4T2Matrix : Soil Analytical Method: ICP-AES% Solids: 98.9Concentration 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	15000	D	17000	D	9	
Antimony	2.3	JD	4.1	JD	82	
Arsenic	74	D	84	D	14	
Barium	230	D	250	D	10	
Beryllium	0.53	JD	0.62	JD	17	
Cadmium	3.2	D	2.9	JD	8	
Calcium	3300	D	3500	JD	6	
Chromium	37	D	39	D	6	
Cobalt	25	D	26	JD	4	
Copper	150	D	170	D	10	
Iron	48000	D	54000	D	11	
Lead	64	D	68	D	7	
Magnesium	8100	D	8700	D	8	
Manganese	1100	D	1200	D	12	
Nickel	50	D	51	D	1	
Potassium	2800	D	3000	JD	7	
Selenium	5.9	UD	30.0	UD		
Silver	1.7	UD	8.4	UD		
Sodium	230	JD	4200	UD	100	
Thallium	2.6	JD	21.0	UD	100	
Vanadium	96	D	110	D	17	
Zinc	140	D	150	D	12	