

EPA SAMPLE NO.

MYE4H7L

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.: MYE4H7Matrix : Soil Analytical Method: ICP-AES% Solids: 98.7Concentration 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	14000	D	16000	D	9	
Antimony	8.8	UD	44.0	UD		
Arsenic	39	D	44	D	14	
Barium	200	D	220	D	9	
Beryllium	0.94	D	1.1	JD	17	
Cadmium	1.8	D	1.6	JD	8	
Calcium	2400	D	2600	JD	8	
Chromium	32	D	35	D	9	
Cobalt	23	D	23	JD	3	
Copper	97	D	110	D	11	
Iron	36000	D	40000	D	10	
Lead	37	D	40	D	11	
Magnesium	7300	D	7800	D	8	
Manganese	1000	D	1100	D	10	
Nickel	40	D	40	D	1	
Potassium	2800	D	3000	JD	8	
Selenium	5.1	UD	26.0	UD		
Silver	1.5	UD	7.3	UD		
Sodium	180	JD	3600	UD	100	
Thallium	3.6	UD	18.0	UD		
Vanadium	68	D	74	D	9	
Zinc	91	D	100	D	12	