

EPA SAMPLE NO.

MYE4R1L

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.: MYE4R1Matrix : Soil Analytical Method: ICP-AES% Solids: 98.5Concentration 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	15000	D	0	
Antimony	1.8	JD	48.0	UD	100	
Arsenic	43	D	60	D	40	*
Barium	210	D	210	D	0	
Beryllium	0.48	JD	0.44	JD	8	
Cadmium	2.3	D	1.9	JD	18	
Calcium	3200	D	3300	JD	3	
Chromium	37	D	36	D	1	
Cobalt	23	D	22	JD	6	
Copper	100	D	100	D	0	
Iron	42000	D	42000	D	0	
Lead	40	D	38	D	6	
Magnesium	7200	D	7100	D	2	
Manganese	1100	D	1100	D	1	
Nickel	43	D	41	D	7	
Potassium	2800	D	2800	JD	1	
Selenium	5.6	UD	28.0	UD		
Silver	1.6	UD	8.0	UD		
Sodium	220	JD	4000	UD	100	
Thallium	1.4	JD	20.0	UD	100	
Vanadium	86	D	86	D	0	
Zinc	100	D	100	D	2	