

EPA SAMPLE NO.

MYE4M1L

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.: MYE4L4Matrix : Soil Analytical Method: ICP-AES% Solids: 83.6Concentration 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	11000	D	11000	D	3	
Antimony	0.83	JD	55.0	UD	100	
Arsenic	18	D	28	D	53	
Barium	180	D	180	D	3	
Beryllium	0.34	JD	0.44	JD	28	
Cadmium	1.5	D	1.3	JD	12	
Calcium	10000	D	10000	D	4	
Chromium	21	D	21	D	2	
Cobalt	14	D	14	JD	0	
Copper	86	D	87	D	1	
Iron	21000	D	22000	D	4	
Lead	55	D	56	D	2	
Magnesium	5400	D	5500	D	2	
Manganese	730	D	730	D	1	
Nickel	25	D	24	JD	4	
Potassium	2700	D	2700	JD	0	
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	40	D	40	JD	1	
Zinc	110	D	110	D	1	