

EPA SAMPLE NO.

MYE5G1L

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.: MYE5G1Matrix : Soil Analytical Method: ICP-AES% Solids: 93.7Concentration 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	25000	D	26000	D	7	
Antimony	1.4	JD	50.0	UD	100	
Arsenic	110	D	120	D	8	
Barium	250	D	280	D	8	
Beryllium	1.0	D	1.1	JD	6	
Cadmium	4.2	D	3.9	JD	7	
Calcium	5200	D	5500	D	7	
Chromium	42	D	45	D	8	
Cobalt	25	D	24	JD	1	
Copper	200	D	220	D	9	
Iron	51000	D	56000	D	9	
Lead	79	D	79	D	0	
Magnesium	7500	D	7900	D	5	
Manganese	2100	D	2300	D	10	
Nickel	49	D	49	D	1	
Potassium	2900	D	3100	JD	8	
Selenium	5.8	UD	29.0	UD		
Silver	1.7	UD	8.3	UD		
Sodium	280	JD	4100	UD	100	
Thallium	4.1	UD	21.0	UD		
Vanadium	100	D	110	D	12	
Zinc	170	D	190	D	10	