

EPA SAMPLE NO.

MYE4C1L

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.: MYE4B0Matrix : Soil Analytical Method: ICP-AES% Solids: 95Concentration 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	17000	D	19000	D	10	
Antimony	0.84	JD	56.0	UD	100	
Arsenic	34	D	38	D	11	
Barium	190	D	200	D	9	
Beryllium	0.99	D	1.1	JD	14	
Cadmium	1.5	D	1.5	JD	0	
Calcium	5600	D	6100	D	10	
Chromium	40	D	44	D	9	
Cobalt	22	D	23	JD	4	
Copper	110	D	120	D	10	
Iron	37000	D	41000	D	11	
Lead	32	D	33	D	2	
Magnesium	8400	D	9100	D	9	
Manganese	1000	D	1200	D	12	
Nickel	40	D	42	D	4	
Potassium	4900	D	5300	D	8	
Selenium	6.6	UD	33.0	UD		
Silver	1.9	UD	9.4	UD		
Sodium	190	JD	4700	UD	100	
Thallium	4.7	UD	24.0	UD		
Vanadium	72	D	79	D	11	
Zinc	100	D	110	D	8	