

EPA SAMPLE NO.

MYE4E3L

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.: MYE4D0Matrix : Soil Analytical Method: ICP-AES% Solids: 97.8Concentration 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	12000	D	13000	D	8	
Antimony	0.91	JD	45.0	UD	100	
Arsenic	14	D	19	D	30	
Barium	120	D	120	JD	8	
Beryllium	0.64	JD	0.77	JD	20	
Cadmium	0.21	JD	3.7	UD	100	
Calcium	7000	D	7600	D	10	
Chromium	27	D	29	D	7	
Cobalt	15	D	14	JD	1	
Copper	37	D	39	D	6	
Iron	29000	D	32000	D	10	
Lead	20	D	21	D	5	
Magnesium	5500	D	6000	D	9	
Manganese	590	D	640	D	9	
Nickel	24	D	25	JD	4	
Potassium	3300	D	3400	JD	5	
Selenium	5.2	UD	26.0	UD		
Silver	1.5	UD	7.5	UD		
Sodium	750	UD	3700	UD		
Thallium	3.7	UD	19.0	UD		
Vanadium	67	D	72	D	8	
Zinc	55	D	61	D	10	