

EPA SAMPLE NO.

MYE5F5L

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.: MYE5F3Matrix : Soil Analytical Method: ICP-AES% Solids: 96Concentration 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	16000	D	6	
Antimony	0.9	JD	52.0	UD	100	
Arsenic	32	D	46	D	45	
Barium	250	D	270	D	6	
Beryllium	0.75	JD	0.64	JD	14	
Cadmium	0.75	JD	0.63	JD	16	
Calcium	4100	D	4400	D	7	
Chromium	40	D	43	D	7	
Cobalt	21	D	21	JD	1	
Copper	83	D	92	D	11	
Iron	38000	D	41000	D	8	
Lead	39	D	36	D	8	
Magnesium	6500	D	7000	D	8	
Manganese	1800	D	2000	D	8	
Nickel	38	D	38	D	0	
Potassium	2900	D	2900	JD	2	
Selenium	6.1	UD	30.0	UD		
Silver	1.7	UD	8.7	UD		
Sodium	180	JD	4300	UD	100	
Thallium	4.3	UD	22.0	UD		
Vanadium	74	D	81	D	10	
Zinc	100	D	110	D	10	