

EPA SAMPLE NO.

MYE4K2L

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.: MYE4K0Matrix : Soil Analytical Method: ICP-AES% Solids: 97.9Concentration 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	12000	D	9	
Antimony	9.0	UD	45.0	UD		
Arsenic	12	D	14	D	17	
Barium	120	D	130	JD	8	
Beryllium	0.62	JD	0.9	JD	46	
Cadmium	0.78	D	0.68	JD	13	
Calcium	8700	D	9700	D	11	
Chromium	22	D	24	D	9	
Cobalt	15	D	15	JD	2	
Copper	40	D	42	D	6	
Iron	24000	D	27000	D	12	
Lead	16	D	16	D	2	
Magnesium	5700	D	6200	D	9	
Manganese	750	D	820	D	10	
Nickel	21	D	22	JD	3	
Potassium	3500	D	3800	D	8	
Selenium	5.2	UD	26.0	UD		
Silver	1.5	UD	7.5	UD		
Sodium	240	JD	3700	UD	100	
Thallium	3.7	UD	19.0	UD		
Vanadium	48	D	51	D	6	
Zinc	55	D	61	D	11	