

EPA SAMPLE NO.

MYE494L

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.: MYE490Matrix : Soil Analytical Method: ICP-AES% Solids: 95.1Concentration 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	20000	D	22000	D	9	
Antimony	1.5	JD	49.0	UD	100	
Arsenic	38	D	40	D	3	
Barium	240	D	270	D	10	
Beryllium	0.88	D	1.0	JD	18	
Cadmium	0.37	JD	4.0	UD	100	
Calcium	11000	D	12000	D	10	
Chromium	36	D	41	D	13	
Cobalt	20	D	20	JD	0	
Copper	67	D	71	D	6	
Iron	39000	D	43000	D	11	
Lead	23	D	24	D	6	
Magnesium	8900	D	9600	D	8	
Manganese	790	D	880	D	11	
Nickel	44	D	45	D	2	
Potassium	3700	D	4000	D	6	
Selenium	5.7	UD	28.0	UD		
Silver	1.6	UD	8.1	UD		
Sodium	280	JD	4000	UD	100	
Thallium	4.0	UD	20.0	UD		
Vanadium	75	D	86	D	15	
Zinc	67	D	75	D	11	