

EPA SAMPLE NO.

MYE453L

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.: MYE450Matrix : Soil Analytical Method: ICP-AES% Solids: 97.2Concentration 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	14000	D	15000	D	6	
Antimony	2.1	JD	3.3	JD	56	
Arsenic	77	D	79	D	3	
Barium	200	D	220	D	8	
Beryllium	0.82	D	0.78	JD	5	
Cadmium	0.78	D	0.62	JD	21	
Calcium	4400	D	4800	D	9	
Chromium	31	D	34	D	9	
Cobalt	20	D	19	JD	2	
Copper	120	D	130	D	7	
Iron	34000	D	38000	D	9	
Lead	42	D	43	D	2	
Magnesium	6500	D	7000	D	7	
Manganese	1200	D	1300	D	9	
Nickel	32	D	33	D	1	
Potassium	4500	D	4600	D	3	
Selenium	5.1	UD	25.0	UD		
Silver	1.5	UD	7.3	UD		
Sodium	180	JD	3600	UD	100	
Thallium	3.6	UD	18.0	UD		
Vanadium	62	D	69	D	11	
Zinc	100	D	110	D	8	