

EPA SAMPLE NO.

MYE543L

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.: MYE543Matrix : Soil Analytical Method: ICP-AES% Solids: 97.7Concentration Units (µg/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	6	
Antimony	1.0	JD	52.0	UD	100	
Arsenic	21	D	30	D	40	
Barium	130	D	140	JD	7	
Beryllium	0.59	JD	0.67	JD	15	
Cadmium	0.97	D	0.87	JD	11	
Calcium	2400	D	2600	JD	7	
Chromium	24	D	25	D	3	
Cobalt	15	D	14	JD	3	
Copper	74	D	82	D	12	
Iron	29000	D	31000	D	8	
Lead	25	D	24	D	4	
Magnesium	4900	D	5100	D	6	
Manganese	700	D	750	D	7	
Nickel	23	D	22	JD	2	
Potassium	2700	D	2900	JD	7	
Selenium	6.0	UD	30.0	UD		
Silver	1.7	UD	8.6	UD		
Sodium	860	UD	4300	UD		
Thallium	4.3	UD	22.0	UD		
Vanadium	47	D	48	D	3	
Zinc	89	D	97	D	9	