

EPA SAMPLE NO.

MYD021L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZ59Matrix : 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	16000	D	18000	D	11	
Antimony	7.6	JD	6.0	JD	21	
Arsenic	32	D	32	D	2	
Barium	130	D	140	JD	11	
Beryllium	1.4	D	1.4	JD	1	
Cadmium	0.38	JD	4.4	UD	100	
Calcium	14000	D	15000	D	13	
Chromium	20	D	22	D	13	
Cobalt	25	D	31	JD	27	*
Copper	35	D	41	D	19	
Iron	41000	D	46000	D	13	
Lead	23	D	24	D	7	
Magnesium	7900	D	8900	D	12	
Manganese	750	D	850	D	13	
Nickel	23	D	23	JD	0	
Potassium	1900	D	2400	JD	24	
Selenium	19	D	23	JD	22	
Silver	1.2	JD	0.94	JD	22	
Sodium	230	JD	4400	UD	100	
Thallium	4.4	UD	22.0	UD		
Vanadium	76	D	88	D	16	
Zinc	63	D	73	D	16	