

EPA SAMPLE NO.

MYCZ18L

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.: MYCZ9Matrix : Soil Analytical Method: ICP-AES% Solids: 98.4Concentration 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	13000	D	14000	D	8	
Antimony	4.8	JD	5.3	JD	10	
Arsenic	50	D	53	D	6	
Barium	120	D	130	JD	9	
Beryllium	1.2	D	1.4	JD	14	
Cadmium	0.47	JD	0.48	JD	3	
Calcium	5800	D	6400	D	9	
Chromium	13	D	15	D	11	
Cobalt	19	D	22	JD	12	
Copper	53	D	54	D	2	
Iron	35000	D	38000	D	9	
Lead	35	D	35	D	0	
Magnesium	5900	D	6400	D	8	
Manganese	670	D	730	D	9	
Nickel	17	D	17	JD	2	
Potassium	3000	D	3400	JD	15	
Selenium	17	D	16	JD	4	
Silver	0.58	JD	7.8	UD	100	
Sodium	440	JD	1700	JD	295	
Thallium	3.9	UD	19.0	UD		
Vanadium	57	D	60	D	6	
Zinc	110	D	120	D	9	