

EPA SAMPLE NO.

MYCZR8L

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.: MYCZG9Matrix : Soil Analytical Method: ICP-AES% Solids: 98.5Concentration 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	11000	D	12000	D	6	
Antimony	3.2	JD	50.0	UD	100	
Arsenic	10	D	12	D	17	
Barium	130	D	140	JD	7	
Beryllium	0.87	D	1.1	JD	21	
Cadmium	0.24	JD	4.2	UD	100	
Calcium	6400	D	6900	D	6	
Chromium	9.4	D	9.8	D	4	
Cobalt	17	D	19	JD	13	
Copper	23	D	31	D	34	
Iron	22000	D	23000	D	7	
Lead	13	D	14	D	3	
Magnesium	6400	D	6900	D	8	
Manganese	770	D	830	D	8	
Nickel	14	D	14	JD	0	
Potassium	2000	D	1900	JD	8	
Selenium	10	D	12	JD	21	
Silver	1.5	JD	2.1	JD	45	
Sodium	250	JD	4200	UD	100	
Thallium	4.2	UD	21.0	UD		
Vanadium	26	D	24	JD	10	
Zinc	48	D	51	D	6	