

EPA SAMPLE NO.

MYCZQ8L

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.: MYCZN9Matrix : Soil Analytical Method: ICP-AES% Solids: 97.6Concentration 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	21000	D	22000	D	7	
Antimony	8.1	JD	9.6	JD	18	
Arsenic	26	D	26	D	1	
Barium	31	JD	30	JD	1	
Beryllium	1.3	D	1.4	JD	10	
Cadmium	0.16	JD	4.4	UD	100	
Calcium	6000	D	6300	D	5	
Chromium	56	D	60	D	6	
Cobalt	36	D	39	JD	6	
Copper	130	D	130	D	4	
Iron	52000	D	57000	D	9	
Lead	11	D	8.1	JD	27	
Magnesium	16000	D	17000	D	7	
Manganese	680	D	730	D	8	
Nickel	54	D	54	D	1	
Potassium	470	JD	620	JD	33	
Selenium	25	D	26	JD	2	
Silver	0.45	JD	8.8	UD	100	
Sodium	700	JD	2400	JD	234	
Thallium	4.4	UD	22.0	UD		
Vanadium	130	D	140	D	7	
Zinc	42	D	30	JD	29	