

EPA SAMPLE NO.

MYCZM8L

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.: MYCZK9Matrix : Soil Analytical Method: ICP-AES% Solids: 98.6Concentration 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	10000	D	11000	D	4	
Antimony	5.7	JD	4.5	JD	21	
Arsenic	23	D	23	D	1	
Barium	100	D	110	JD	4	
Beryllium	1.0	D	1.2	JD	17	
Cadmium	0.34	JD	0.35	JD	4	
Calcium	7200	D	7500	D	5	
Chromium	27	D	28	D	4	
Cobalt	19	D	20	JD	9	
Copper	42	D	46	D	8	
Iron	30000	D	32000	D	5	
Lead	20	D	19	D	2	
Magnesium	6000	D	6300	D	5	
Manganese	550	D	580	D	5	
Nickel	24	D	23	JD	4	
Potassium	1900	D	1700	JD	12	
Selenium	14	D	15	JD	8	
Silver	1.8	D	2.0	JD	14	
Sodium	200	JD	770	JD	279	
Thallium	3.4	UD	17.0	UD		
Vanadium	74	D	72	D	2	
Zinc	69	D	77	D	11	