

EPA SAMPLE NO.

MYCZB8L

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.: MYCYW9Matrix : Soil Analytical Method: ICP-AES% Solids: 98.8Concentration 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	22000	D	23000	D	5	
Antimony	12	D	10	JD	14	
Arsenic	29	D	33	D	14	
Barium	70	D	73	JD	5	
Beryllium	1.3	D	1.5	JD	17	
Cadmium	0.39	JD	0.41	JD	7	
Calcium	13000	D	14000	D	8	
Chromium	59	D	62	D	5	
Cobalt	49	D	52	D	7	
Copper	130	D	130	D	4	
Iron	55000	D	59000	D	7	
Lead	11	D	12	D	12	
Magnesium	16000	D	17000	D	6	
Manganese	1500	D	1600	D	7	
Nickel	56	D	56	D	0	
Potassium	240	JD	4200	UD	100	
Selenium	27	D	27	JD	0	
Silver	4.4	D	5.8	JD	30	
Sodium	480	JD	1000	JD	111	
Thallium	4.2	UD	21.0	UD		
Vanadium	140	D	150	D	3	
Zinc	43	D	49	JD	15	