

EPA SAMPLE NO.

MYCZ58L

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.: MYCZ39Matrix : Soil Analytical Method: ICP-AES% Solids: 99.3Concentration 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	13000	D	1	
Antimony	8.1	JD	6.2	JD	23	
Arsenic	46	D	42	D	8	
Barium	120	D	120	JD	0	
Beryllium	1.3	D	1.2	JD	5	
Cadmium	0.7	JD	0.52	JD	26	
Calcium	5600	D	5700	D	1	
Chromium	21	D	21	D	2	
Cobalt	21	D	21	JD	1	
Copper	43	D	46	D	8	
Iron	37000	D	38000	D	0	
Lead	67	D	64	D	4	
Magnesium	6600	D	6600	D	1	
Manganese	610	D	610	D	0	
Nickel	20	D	19	JD	8	
Potassium	3900	D	4000	JD	2	
Selenium	19	D	20	JD	8	
Silver	1.2	JD	9.0	UD	100	
Sodium	430	JD	1200	JD	183	
Thallium	4.5	UD	23.0	UD		
Vanadium	64	D	58	D	9	
Zinc	140	D	150	D	12	