

EPA SAMPLE NO.

MYCZA8L

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.: MYCZ89Matrix : Soil Analytical Method: ICP-AES% Solids: 99.2Concentration 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	29000	D	30000	D	3	
Antimony	14	D	12	JD	9	
Arsenic	25	D	24	D	6	
Barium	32	JD	34	JD	4	
Beryllium	1.5	D	1.5	JD	1	
Cadmium	0.45	JD	4.3	UD	100	
Calcium	15000	D	16000	D	4	
Chromium	99	D	100	D	5	
Cobalt	48	D	53	D	9	
Copper	120	D	120	D	3	
Iron	65000	D	68000	D	5	
Lead	14	D	16	D	11	
Magnesium	24000	D	25000	D	4	
Manganese	1400	D	1400	D	5	
Nickel	70	D	68	D	2	
Potassium	550	JD	780	JD	42	
Selenium	31	D	31	D	2	
Silver	1.8	D	1.8	JD	1	
Sodium	850	UD	940	JD	100	
Thallium	4.3	UD	21.0	UD		
Vanadium	190	D	200	D	6	
Zinc	55	D	68	D	23	