

EPA SAMPLE NO.

MYCZ38L

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.: MYCZ19Matrix : Soil Analytical Method: ICP-AES% Solids: 98.2Concentration 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	14000	D	15000	D	8	
Antimony	5.4	JD	4.9	JD	9	
Arsenic	32	D	31	D	2	
Barium	200	D	200	D	0	
Beryllium	1.2	D	1.4	JD	18	
Cadmium	0.95	D	0.81	JD	15	
Calcium	9700	D	10000	D	6	
Chromium	22	D	21	D	5	
Cobalt	18	D	22	JD	22	*
Copper	80	D	62	D	22	*
Iron	29000	D	32000	D	8	
Lead	90	D	70	D	22	*
Magnesium	6900	D	7600	D	10	
Manganese	700	D	720	D	4	
Nickel	31	D	20	JD	35	*
Potassium	4100	D	4500	D	10	
Selenium	14	D	18	JD	28	
Silver	1.1	JD	1.1	JD	5	
Sodium	290	JD	1100	JD	287	
Thallium	4.0	UD	20.0	UD		
Vanadium	47	D	48	D	3	
Zinc	190	D	170	D	10	