

EPA SAMPLE NO.

MYCZ88L

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.: MYCZ69Matrix : Soil Analytical Method: ICP-AES% Solids: 97.6Concentration 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	13000	D	14000	D	4	
Antimony	3.1	JD	54.0	UD	100	
Arsenic	16	D	14	D	14	
Barium	160	D	170	JD	4	
Beryllium	1.0	D	1.1	JD	7	
Cadmium	0.17	JD	4.5	UD	100	
Calcium	14000	D	15000	D	4	
Chromium	20	D	21	D	5	
Cobalt	20	D	25	JD	27	*
Copper	21	D	18	JD	13	
Iron	25000	D	26000	D	5	
Lead	14	D	15	D	3	
Magnesium	7700	D	8000	D	4	
Manganese	700	D	730	D	5	
Nickel	21	D	20	JD	7	
Potassium	1300	D	1400	JD	12	
Selenium	9.8	D	32.0	UD	100	
Silver	0.64	JD	9.0	UD	100	
Sodium	440	JD	2100	JD	369	
Thallium	4.5	UD	23.0	UD		
Vanadium	42	D	41	JD	1	
Zinc	49	D	50	JD	2	