

EPA SAMPLE NO.

MYCYZ8L

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.: MYCYX9Matrix : Soil Analytical Method: ICP-AES% Solids: 99Concentration 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	11000	D	11000	D	0	
Antimony	3.6	JD	50.0	UD	100	
Arsenic	22	D	17	D	20	
Barium	100	D	100	JD	1	
Beryllium	0.95	D	0.93	JD	2	
Cadmium	0.18	JD	4.2	UD	100	
Calcium	6400	D	6300	D	0	
Chromium	14	D	14	D	1	
Cobalt	15	D	16	JD	5	
Copper	20	D	20	JD	1	
Iron	26000	D	26000	D	1	
Lead	15	D	12	D	23	
Magnesium	5400	D	5500	D	2	
Manganese	550	D	560	D	2	
Nickel	16	D	15	JD	8	
Potassium	2300	D	2500	JD	7	
Selenium	11	D	10	JD	5	
Silver	0.31	JD	8.4	UD	100	
Sodium	500	JD	2600	JD	418	
Thallium	4.2	UD	21.0	UD		
Vanadium	38	D	41	JD	8	
Zinc	49	D	45	JD	8	