

EPA SAMPLE NO.

MYCZK8L

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.: MYCZH9Matrix : Soil Analytical Method: ICP-AES% Solids: 97.9Concentration 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	3	
Antimony	1.7	JD	51.0	UD	100	
Arsenic	12	D	7.7	JD	36	
Barium	170	D	170	D	4	
Beryllium	0.88	D	0.84	JD	5	
Cadmium	0.17	JD	4.2	UD	100	
Calcium	7700	D	7900	D	2	
Chromium	13	D	13	D	2	
Cobalt	15	D	17	JD	14	
Copper	21	D	17	JD	19	
Iron	17000	D	18000	D	3	
Lead	18	D	14	D	21	
Magnesium	5900	D	6100	D	4	
Manganese	570	D	590	D	5	
Nickel	17	D	15	JD	10	
Potassium	2200	D	2300	JD	7	
Selenium	6.7	D	30.0	UD	100	
Silver	1.7	UD	8.4	UD		
Sodium	720	JD	3200	JD	338	
Thallium	4.2	UD	21.0	UD		
Vanadium	26	D	23	JD	11	
Zinc	65	D	71	D	10	