

EPA SAMPLE NO.

MYDAE7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDAE7Matrix : Soil Analytical Method: ICP-AES% Solids: 99.3Concentration 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	8100	D	8800	D	8	
Antimony	0.94	JD	43.0	UD	100	
Arsenic	49	D	59	D	19	
Barium	77	D	82	JD	8	
Beryllium	0.83	D	0.87	JD	6	
Cadmium	1.3	D	1.2	JD	9	
Calcium	2300	D	2600	JD	11	
Chromium	9.2	D	10	D	13	
Cobalt	12	D	13	JD	3	
Copper	34	D	35	D	4	
Iron	33000	D	37000	D	11	
Lead	62	D	64	D	3	
Magnesium	3000	D	3300	JD	9	
Manganese	430	D	470	D	10	
Nickel	11	D	11	JD	4	
Potassium	2100	D	2400	JD	11	
Selenium	5.0	UD	25.0	UD		
Silver	1.4	UD	7.1	UD		
Sodium	710	UD	3600	UD		
Thallium	3.6	UD	18.0	UD		
Vanadium	49	D	50	D	2	
Zinc	170	D	180	D	11	