

EPA SAMPLE NO.

MYDAE1L

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.: MYDAD3Matrix : Soil Analytical Method: ICP-AES% Solids: 98.9Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	13000	D	15000	D	11	
Antimony	0.94	JD	42.0	UD	100	
Arsenic	31	D	40	D	29	
Barium	130	D	150	D	11	
Beryllium	0.93	D	1.2	JD	27	
Cadmium	0.21	JD	3.5	UD	100	
Calcium	4200	D	4700	D	11	
Chromium	15	D	17	D	14	
Cobalt	15	D	16	JD	3	
Copper	31	D	36	D	17	
Iron	34000	D	39000	D	13	
Lead	34	D	36	D	6	
Magnesium	4500	D	5100	D	13	
Manganese	630	D	720	D	13	
Nickel	16	D	17	JD	5	
Potassium	2700	D	3000	JD	9	
Selenium	4.9	UD	24.0	UD		
Silver	1.4	UD	6.9	UD		
Sodium	140	JD	3500	UD	100	
Thallium	3.5	UD	17.0	UD		
Vanadium	64	D	72	D	13	
Zinc	97	D	110	D	15	