

EPA SAMPLE NO.

MYDAT5L

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.: MYDAT3Matrix : Soil Analytical Method: ICP-AES% Solids: 98Concentration 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	14000	D	15000	D	2	
Antimony	1.1	JD	49.0	UD	100	
Arsenic	31	D	40	D	32	
Barium	140	D	150	JD	3	
Beryllium	1.1	D	1.3	JD	22	
Cadmium	0.96	D	0.66	JD	31	
Calcium	5800	D	6100	D	5	
Chromium	19	D	20	D	8	
Cobalt	19	D	18	JD	4	
Copper	33	D	35	D	8	
Iron	39000	D	41000	D	4	
Lead	26	D	27	D	3	
Magnesium	5700	D	5800	D	3	
Manganese	730	D	770	D	5	
Nickel	20	D	20	JD	0	
Potassium	2000	D	2100	JD	6	
Selenium	5.8	UD	29.0	UD		
Silver	1.7	UD	8.2	UD		
Sodium	820	UD	4100	UD		
Thallium	4.1	UD	21.0	UD		
Vanadium	69	D	65	D	6	
Zinc	93	D	110	D	15	