

EPA SAMPLE NO.

MYDB51L

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.: MYDB42Matrix : Soil Analytical Method: ICP-AES% Solids: 97.5Concentration 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	9	
Antimony	0.74	JD	45.0	UD	100	
Arsenic	76	D	88	D	15	
Barium	130	D	150	D	11	
Beryllium	0.88	D	1.1	JD	28	
Cadmium	1.7	D	1.7	JD	4	
Calcium	7300	D	8100	D	10	
Chromium	15	D	17	D	15	
Cobalt	12	D	13	JD	2	
Copper	71	D	80	D	12	
Iron	30000	D	34000	D	12	
Lead	83	D	86	D	3	
Magnesium	4700	D	5200	D	9	
Manganese	760	D	850	D	11	
Nickel	16	D	17	JD	4	
Potassium	2800	D	3200	JD	13	
Selenium	5.3	UD	26.0	UD		
Silver	1.5	UD	7.5	UD		
Sodium	150	JD	3800	UD	100	
Thallium	3.8	UD	19.0	UD		
Vanadium	49	D	50	D	1	
Zinc	250	D	280	D	13	