

EPA SAMPLE NO.

MYDB17L

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.: MYDAZ2Matrix : Soil Analytical Method: ICP-AES% Solids: 98.8Concentration 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	12000	D	13000	D	8	
Antimony	1.1	JD	54.0	UD	100	
Arsenic	46	D	52	D	13	
Barium	100	D	110	JD	7	
Beryllium	0.91	D	1.1	JD	18	
Cadmium	0.6	JD	0.49	JD	19	
Calcium	4600	D	4900	D	7	
Chromium	14	D	15	D	11	
Cobalt	16	D	15	JD	1	
Copper	64	D	69	D	7	
Iron	35000	D	38000	D	9	
Lead	61	D	61	D	1	
Magnesium	5200	D	5700	D	8	
Manganese	590	D	640	D	8	
Nickel	17	D	17	JD	2	
Potassium	2800	D	3000	JD	9	
Selenium	6.3	UD	32.0	UD		
Silver	1.8	UD	9.0	UD		
Sodium	900	UD	4500	UD		
Thallium	4.5	UD	23.0	UD		
Vanadium	62	D	67	D	8	
Zinc	160	D	180	D	11	