

EPA SAMPLE NO.

MYDBB7L

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.: MYDBB4Matrix : Soil Analytical Method: ICP-AES% Solids: 96.9Concentration 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	24000	D	27000	D	14	
Antimony	1.3	JD	50.0	UD	100	
Arsenic	44	D	52	D	17	
Barium	820	D	920	D	11	
Beryllium	1.3	D	1.6	JD	18	
Cadmium	5.8	D	5.6	D	3	
Calcium	9600	D	11000	D	19	
Chromium	57	D	65	D	14	
Cobalt	31	D	32	JD	4	
Copper	640	D	740	D	15	
Iron	37000	D	44000	D	19	
Lead	140	D	150	D	6	
Magnesium	7600	D	8900	D	16	
Manganese	7700	D	8300	D	7	
Nickel	91	D	95	D	5	
Potassium	4100	D	4600	D	13	
Selenium	5.9	UD	29.0	UD		
Silver	1.7	UD	8.4	UD		
Sodium	290	JD	4200	UD	100	
Thallium	4.2	UD	21.0	UD		
Vanadium	65	D	75	D	15	
Zinc	360	D	410	D	16	