

EPA SAMPLE NO.

MYDBE6L

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.: MYDBD4Matrix : Soil Analytical Method: ICP-AES% Solids: 96.7Concentration 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	31000	D	34000	D	11	
Antimony	4.0	JD	54.0	UD	100	
Arsenic	120	D	120	D	1	
Barium	530	D	590	D	10	
Beryllium	2.0	D	2.4	JD	16	
Cadmium	8.4	D	8.3	D	1	
Calcium	8700	D	9700	D	11	
Chromium	89	D	100	D	13	
Cobalt	28	D	28	JD	1	
Copper	1400	D	1600	D	13	
Iron	34000	D	38000	D	13	
Lead	340	D	350	D	4	
Magnesium	8100	D	9000	D	11	
Manganese	870	D	990	D	14	
Nickel	100	D	100	D	2	
Potassium	2800	D	2900	JD	6	
Selenium	1.8	JD	32.0	UD	100	
Silver	1.1	JD	1.8	JD	56	
Sodium	380	JD	4500	UD	100	
Thallium	4.5	UD	23.0	UD		
Vanadium	61	D	68	D	11	
Zinc	740	D	840	D	14	