

EPA SAMPLE NO.

MYDBA0L

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.: MYDB92Matrix : Soil Analytical Method: ICP-AES% Solids: 97.1Concentration 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	15000	D	16000	D	7	
Antimony	1.4	JD	56.0	UD	100	
Arsenic	26	D	37	D	42	
Barium	160	D	170	JD	8	
Beryllium	0.95	D	1.0	JD	5	
Cadmium	1.4	D	1.4	JD	1	
Calcium	12000	D	13000	D	8	
Chromium	30	D	32	D	7	
Cobalt	15	D	15	JD	0	
Copper	140	D	150	D	9	
Iron	31000	D	34000	D	9	
Lead	89	D	93	D	5	
Magnesium	6100	D	6600	D	8	
Manganese	520	D	570	D	10	
Nickel	25	D	25	JD	1	
Potassium	3100	D	3200	JD	5	
Selenium	6.6	UD	33.0	UD		
Silver	1.9	UD	9.4	UD		
Sodium	370	JD	4700	UD	100	
Thallium	4.7	UD	23.0	UD		
Vanadium	59	D	61	D	4	
Zinc	170	D	190	D	13	