

EPA SAMPLE NO.

MYDA42L

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.: MYDA19Matrix : Soil Analytical Method: ICP-AES% Solids: 98.8Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	16000	D	17000	D	5	
Antimony	0.84	JD	53.0	UD	100	
Arsenic	36	D	48	D	33	
Barium	110	D	120	JD	7	
Beryllium	0.9	D	0.98	JD	9	
Cadmium	1.0	D	0.75	JD	25	
Calcium	4200	D	4500	D	7	
Chromium	42	D	45	D	6	
Cobalt	23	D	23	JD	1	
Copper	68	D	69	D	2	
Iron	39000	D	42000	D	7	
Lead	25	D	24	D	2	
Magnesium	8900	D	9300	D	5	
Manganese	810	D	870	D	8	
Nickel	33	D	33	JD	0	
Potassium	2300	D	2500	JD	6	
Selenium	6.2	UD	31.0	UD		
Silver	1.8	UD	8.8	UD		
Sodium	880	UD	4400	UD		
Thallium	4.4	UD	22.0	UD		
Vanadium	86	D	89	D	3	
Zinc	77	D	84	D	9	