

EPA SAMPLE NO.

MYD0Y5L

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.: MYD0W8Matrix : Soil Analytical Method: ICP-AES% Solids: 95Concentration 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	30000	D	32000	D	7	
Antimony	2.0	JD	52.0	UD	100	
Arsenic	75	D	85	D	13	
Barium	95	D	100	JD	6	
Beryllium	1.3	D	1.6	JD	25	
Cadmium	1.6	D	1.2	JD	23	
Calcium	6500	D	7300	D	12	
Chromium	100	D	110	D	7	
Cobalt	51	D	52	D	3	
Copper	140	D	150	D	9	
Iron	79000	D	89000	D	12	
Lead	15	D	17	D	7	
Magnesium	17000	D	18000	D	6	
Manganese	2300	D	2500	D	8	
Nickel	70	D	73	D	5	
Potassium	250	JD	4300	UD	100	
Selenium	6.0	UD	30.0	UD		
Silver	1.7	UD	8.6	UD		
Sodium	420	JD	4300	UD	100	
Thallium	4.3	UD	22.0	UD		
Vanadium	190	D	200	D	7	
Zinc	86	D	95	D	10	