

EPA SAMPLE NO.

MYD033L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51779 MA No.: _____ SDG No.: MYCZR9Matrix : Soil Analytical Method: ICP-AES% Solids: 99Concentration 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	10000	D	10000	D	4	
Antimony	2.8	JD	3.7	JD	33	
Arsenic	5.6	D	7.0	JD	25	
Barium	71	D	77	JD	7	
Beryllium	0.7	JD	0.67	JD	4	
Cadmium	0.063	JD	3.7	UD	100	
Calcium	5400	D	5600	D	4	
Chromium	31	D	32	D	4	
Cobalt	15	D	17	JD	9	
Copper	29	D	29	D	1	
Iron	23000	D	24000	D	5	
Lead	10	D	8.0	D	20	
Magnesium	8300	D	8800	D	5	
Manganese	370	D	390	D	5	
Nickel	24	D	23	JD	4	
Potassium	500	JD	520	JD	5	
Selenium	9.9	D	7.5	JD	24	
Silver	1.5	UD	7.4	UD		
Sodium	700	JD	3100	JD	334	
Thallium	3.7	UD	18.0	UD		
Vanadium	42	D	46	D	9	
Zinc	47	D	41	JD	12	