

EPA SAMPLE NO.

MYE5B7L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE5B3Matrix : Soil Analytical Method: ICP-AES% Solids: 93.1Concentration 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	12000	D	14000	D	14	
Antimony	4.7	JD	4.2	JD	12	
Arsenic	58	D	77	D	32	*
Barium	350	D	400	D	13	
Beryllium	1.6	D	1.8	JD	13	
Cadmium	2.4	D	2.4	JD	1	
Calcium	4100	D	4800	D	16	
Chromium	41	D	47	D	15	
Cobalt	32	D	34	JD	7	
Copper	180	D	210	D	15	
Iron	46000	D	54000	D	16	
Lead	88	D	95	D	9	
Magnesium	5600	D	6500	D	16	
Manganese	2700	D	3100	D	16	
Nickel	49	D	53	D	8	
Potassium	2600	D	2800	JD	8	
Selenium	6.2	UD	31.0	UD		
Silver	1.8	UD	8.8	UD		
Sodium	180	JD	4400	UD	100	
Thallium	4.4	UD	22.0	UD		
Vanadium	91	D	110	D	19	
Zinc	160	D	190	D	16	