

EPA SAMPLE NO.

MBHJY0L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51879 MA No.: SDG No.: MBHJW4Matrix : Soil Analytical Method: ICP-AES% Solids: 71.6Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	8700		9800		13	
Antimony	0.79	J	34.0	U	100	
Arsenic	8.6		12		37	
Barium	140		160		13	
Beryllium	0.8		0.96	J	19	
Cadmium	0.7		0.7	J	1	
Calcium	10000		12000		14	
Chromium	16		18		16	
Cobalt	9.0		8.5	J	5	
Copper	43		49		13	
Iron	16000		18000		16	
Lead	240		240		2	
Magnesium	3500		4100		15	
Manganese	620		720		15	
Nickel	23		23		1	
Potassium	990		970	J	3	
Selenium	3.9	U	20.0	U		
Silver	1.1	U	5.6	U		
Sodium	560	U	2800	U		
Thallium	2.8	U	14.0	U		
Vanadium	23		26	J	15	
Zinc	220		240		11	