

EPA SAMPLE NO.

MBHJQ3L

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.: MBHJQ0Matrix : Soil Analytical Method: ICP-AES% Solids: 86.5Concentration 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	5700		7000		21	*
Antimony	1.8	J	25.0	U	100	
Arsenic	6.7		6.2		7	
Barium	68		83		21	*
Beryllium	0.49		0.65	J	33	
Cadmium	0.55		0.52	J	5	
Calcium	20000		25000		23	*
Chromium	9.5		12		21	*
Cobalt	11		17	J	54	*
Copper	13		17		28	
Iron	13000		16000		24	*
Lead	16		18		15	
Magnesium	8100		10000		24	*
Manganese	1000		1300		24	*
Nickel	18		18		3	
Potassium	630		620	J	2	
Selenium	5.4		3.6	J	34	
Silver	1.1		1.4	J	26	
Sodium	120	J	2100	U	100	
Thallium	2.1	U	10.0	U		
Vanadium	13		13	J	2	
Zinc	59		76		29	*