

EPA SAMPLE NO.

MBHJF7L

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.: MBHHY3Matrix : Soil Analytical Method: ICP-AES% Solids: 75.4Concentration 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	10000		10000		5	
Antimony	2.3	J	33.0	U	100	
Arsenic	6.4		2.7	J	58	
Barium	120		120		5	
Beryllium	0.79		0.83	J	4	
Cadmium	0.86		0.71	J	18	
Calcium	67000		72000		6	
Chromium	16		17		9	
Cobalt	13		23	J	82	*
Copper	23		16		31	
Iron	21000		23000		8	
Lead	75		81		8	
Magnesium	27000		29000		8	
Manganese	620		670		8	
Nickel	27		25		6	
Potassium	1600		1700	J	5	
Selenium	3.8	U	19.0	U		
Silver	1.1	U	5.4	U		
Sodium	540	U	2700	U		
Thallium	2.2	J	8.5	J	279	
Vanadium	20		23	J	17	
Zinc	160		160		3	