

EPA SAMPLE NO.

MBHJR3L

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.: MBHJF5Matrix : Soil Analytical Method: ICP-AES% Solids: 80.2Concentration 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	6400		7900		23	*
Antimony	4.0	J	4.0	J	2	
Arsenic	33		32		3	
Barium	170		200		22	*
Beryllium	0.73		0.99	J	36	
Cadmium	1.1		0.78	J	26	
Calcium	7400		9100		23	*
Chromium	12		15		22	*
Cobalt	12		14	J	13	
Copper	49		56		14	
Iron	22000		27000		24	*
Lead	220		210		4	
Magnesium	2700		3400		25	*
Manganese	580		720		25	*
Nickel	25		23		9	
Potassium	910		1100	J	17	
Selenium	2.1	J	16.0	U	100	
Silver	0.88	U	4.4	U		
Sodium	95	J	2200	U	100	
Thallium	2.2	U	11.0	U		
Vanadium	27		35		30	*
Zinc	190		230		19	