

EPA SAMPLE NO.

MBHJ49L

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.: MBHJ49Matrix : Soil Analytical Method: ICP-AES% Solids: 90.2Concentration 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	2800		3100		10	
Antimony	5.7	U	28.0	U		
Arsenic	2.6		4.7	U	100	
Barium	24		25	J	8	
Beryllium	0.23	J	0.32	J	37	
Cadmium	0.53		0.48	J	10	
Calcium	130000	D	140000	D	2	
Chromium	7.8		9.1		16	
Cobalt	7.7		19	J	143	*
Copper	7.1		3.1	J	56	
Iron	9000		10000		14	
Lead	30		38		26	*
Magnesium	59000		66000		13	
Manganese	810		920		14	
Nickel	8.4		7.7	J	9	
Potassium	810		870	J	8	
Selenium	3.3	U	17.0	U		
Silver	0.95	U	0.57	J	100	
Sodium	470	U	2400	U		
Thallium	3.5		11	J	216	
Vanadium	6.6		11	J	61	
Zinc	91		99		9	