

EPA SAMPLE NO.

MBHK72L

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.: MBHK55Matrix : Soil Analytical Method: ICP-AES% Solids: 86.8Concentration 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	7300		8900		21	*
Antimony	1.6	J	28.0	U	100	
Arsenic	11		12		14	
Barium	160		190		20	
Beryllium	1.1		1.5	J	27	
Cadmium	0.78		0.69	J	12	
Calcium	15000		10000		29	*
Chromium	11		13		15	
Cobalt	6.8		9.3	J	38	*
Copper	18		22		21	
Iron	17000		21000		23	*
Lead	89		90		2	
Magnesium	2500		3000		19	
Manganese	1900		2300		24	*
Nickel	17		17	J	1	
Potassium	780		900	J	15	
Selenium	9.0		9.5	J	5	
Silver	0.39	J	4.7	U	100	
Sodium	470	U	2400	U		
Thallium	2.4	U	12.0	U		
Vanadium	16		18	J	10	
Zinc	65		80		25	*