

EPA SAMPLE NO.

MBHK97L

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.: MBHK93Matrix : Soil Analytical Method: ICP-AES% Solids: 69.2Concentration 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	6600		7200		8	
Antimony	1.8	J	34.0	U	100	
Arsenic	9.4		9.3		1	
Barium	180		200		9	
Beryllium	0.65		0.76	J	18	
Cadmium	0.99		0.98	J	1	
Calcium	30000		33000		10	
Chromium	15		16		10	
Cobalt	13		22	J	67	*
Copper	33		34		1	
Iron	15000		17000		10	
Lead	360		360		0	
Magnesium	6100		6700		11	
Manganese	960		1100		10	
Nickel	22		21	J	4	
Potassium	990		400	J	60	
Selenium	4.0	U	20.0	U		
Silver	1.2	U	5.7	U		
Sodium	570	U	2900	U		
Thallium	2.8	J	7.5	J	164	
Vanadium	15		12	J	16	
Zinc	210		220		3	