

EPA SAMPLE NO.

MBHK84L

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.: MBHK83Matrix : Soil Analytical Method: ICP-AES% Solids: 80.1Concentration 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		11000		8	
Antimony	3.1	J	30.0	U	100	
Arsenic	16		18		14	
Barium	83		88	J	7	
Beryllium	1.5		1.6	J	12	
Cadmium	0.64		0.55	J	14	
Calcium	8700		9500		9	
Chromium	17		18		5	
Cobalt	4.5	J	7.4	J	66	
Copper	19		15		21	
Iron	21000		23000		9	
Lead	92		90		2	
Magnesium	5400		5900		9	
Manganese	700		770		10	
Nickel	19		19	J	2	
Potassium	900		880	J	1	
Selenium	11		8.1	J	25	
Silver	1.0	U	5.0	U		
Sodium	500	U	2500	U		
Thallium	2.5	U	13.0	U		
Vanadium	24		21	J	10	
Zinc	120		130		10	