

EPA SAMPLE NO.

MBHHK4L

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.: MBHHF2Matrix : Soil Analytical Method: ICP-AES% Solids: 67.2Concentration 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	8900		9700		9	
Antimony	0.99	J	3.4	J	239	
Arsenic	60		68		13	
Barium	270		310		16	
Beryllium	0.56	J	0.66	J	17	
Cadmium	1.8		1.7	J	3	
Calcium	11000		13000		17	
Chromium	26		29		12	
Cobalt	12		12	J	2	
Copper	66		78		19	
Iron	21000		24000		16	
Lead	760		830		10	
Magnesium	4500		5100		14	
Manganese	920		1100		19	
Nickel	24		25	J	4	
Potassium	1000		890	J	11	
Selenium	4.6	U	23.0	U		
Silver	1.3	U	6.6	U		
Sodium	320	J	3300	U	100	
Thallium	3.3	U	17.0	U		
Vanadium	28		31	J	11	
Zinc	430		490		13	