

EPA SAMPLE NO.

MBHK78L

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.: MBHK78Matrix : Soil Analytical Method: ICP-AES% Solids: 87Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	5300		6000		14	
Antimony	4.8	U	24.0	U		
Arsenic	19		19		0	
Barium	200		230		14	
Beryllium	0.55		0.64	J	17	
Cadmium	0.92		0.92	J	0	
Calcium	14000		16000		15	
Chromium	13		14		9	
Cobalt	8.9		13	J	50	*
Copper	36		40		12	
Iron	11000		12000		15	
Lead	780		800		3	
Magnesium	1900		2200		14	
Manganese	760		880		15	
Nickel	15		15	J	1	
Potassium	640		630	J	2	
Selenium	2.8	U	14.0	U		
Silver	0.8	U	4.0	U		
Sodium	90	J	2000	U	100	
Thallium	0.6	J	10.0	U	100	
Vanadium	29		31		9	
Zinc	250		280		12	