

EPA SAMPLE NO.

MBHKR8L

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.: MBHKR8Matrix : Soil Analytical Method: ICP-AES% Solids: 78.7Concentration 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	7100		8400		18	
Antimony	2.4	J	30.0	U	100	
Arsenic	14		14		4	
Barium	170		200		20	
Beryllium	0.9		1.1	J	26	
Cadmium	0.89		0.87	J	2	
Calcium	15000		18000		21	*
Chromium	14		17		21	*
Cobalt	12		19	J	55	*
Copper	37		46		23	*
Iron	16000		19000		20	
Lead	200		200		2	
Magnesium	3500		4200		19	
Manganese	800		970		21	*
Nickel	24		23		3	
Potassium	630		560	J	11	
Selenium	5.2		18.0	U	100	
Silver	0.46	J	0.92	J	98	
Sodium	130	J	2500	U	100	
Thallium	2.5	U	13.0	U		
Vanadium	21		23	J	12	
Zinc	200		250		25	*