

EPA SAMPLE NO.

MBHKM9L

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.: MBHKK8Matrix : Soil Analytical Method: ICP-AES% Solids: 82.4Concentration 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	8300		5800		30	*
Antimony	1.0	J	29.0	U	100	
Arsenic	14		9.2		35	
Barium	120		140		20	
Beryllium	1.3		1.3	J	0	
Cadmium	1.4		1.2	J	13	
Calcium	48000		50000		4	
Chromium	14		18		30	*
Cobalt	7.3		18	J	141	*
Copper	36		34		5	
Iron	16000		19000		20	
Lead	580		510		11	
Magnesium	27000		28000		4	
Manganese	1100		1100		8	
Nickel	20		17	J	14	
Potassium	900		660	J	26	
Selenium	6.5		17.0	U	100	
Silver	0.27	J	4.8	U	100	
Sodium	1600		2400	U	100	
Thallium	2.4	U	6.5	J	100	
Vanadium	15		11	J	25	
Zinc	270		300		12	