

EPA SAMPLE NO.

MBHKJ7L

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.: MBHKJ1Matrix : Soil Analytical Method: ICP-AES% Solids: 94.7Concentration 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	3600		3900		8	
Antimony	0.63	J	27.0	U	100	
Arsenic	5.5		4.2	J	24	
Barium	58		64	J	9	
Beryllium	0.35	J	0.4	J	14	
Cadmium	0.34	J	0.28	J	17	
Calcium	88000	D	97000	D	10	
Chromium	5.9		6.9		17	
Cobalt	10		20	J	94	*
Copper	24		28		13	
Iron	12000		14000		14	
Lead	16		20		22	*
Magnesium	17000		19000		12	
Manganese	710		810		14	
Nickel	11		9.5	J	14	
Potassium	460		640	J	41	
Selenium	3.2	U	16.0	U		
Silver	0.91	U	4.6	U		
Sodium	460	U	2300	U		
Thallium	3.1		9.6	J	214	
Vanadium	9.7		5.4	J	44	
Zinc	34		32		4	