

EPA SAMPLE NO.

MBHKQ6L

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.: MBHK12Matrix : Soil Analytical Method: ICP-AES% Solids: 83.5Concentration 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	6400		7500		18	
Antimony	0.56	J	25.0	U	100	
Arsenic	8.7		15		68	
Barium	180		220		20	
Beryllium	0.64		0.8	J	25	
Cadmium	0.84		0.73	J	13	
Calcium	18000		22000		20	
Chromium	12		14		24	*
Cobalt	8.5		7.9	J	7	
Copper	44		54		22	*
Iron	17000		21000		24	*
Lead	380		400		5	
Magnesium	3600		4400		20	
Manganese	1100		1400		23	*
Nickel	22		23		3	
Potassium	530		460	J	12	
Selenium	2.9	U	15.0	U		
Silver	0.83	U	4.2	U		
Sodium	130	J	2100	U	100	
Thallium	2.1	U	10.0	U		
Vanadium	15		19	J	25	
Zinc	150		170		17	