

EPA SAMPLE NO.

MBHJK3L

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.: MBHJJ8Matrix : Soil Analytical Method: ICP-AES% Solids: 87.5Concentration 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	8600		9000		4	
Antimony	2.0	J	28.0	U	100	
Arsenic	5.6		2.8	J	50	
Barium	120		130		3	
Beryllium	0.73		0.79	J	9	
Cadmium	0.59		0.41	J	30	
Calcium	60000		63000		5	
Chromium	12		13		7	
Cobalt	11		20	J	73	*
Copper	18		15		15	
Iron	17000		18000		7	
Lead	26		30		12	
Magnesium	13000		14000		8	
Manganese	380		400		7	
Nickel	20		18	J	13	
Potassium	550		2300	U	100	
Selenium	3.3	U	16.0	U		
Silver	0.94	U	4.7	U		
Sodium	94	J	2300	U	100	
Thallium	1.8	J	6.9	J	287	
Vanadium	16		18	J	11	
Zinc	71		72		3	