

EPA SAMPLE NO.

MBHCN0L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51698 MA No.: SDG No.: MBHCJ7Matrix : Soil Analytical Method: ICP-AES% Solids: 85.6Concentration 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	9500		10000		5	
Antimony	5.2	U	26.0	U		
Arsenic	0.86	U	4.3	U		
Barium	60		63	J	7	
Beryllium	0.67		0.89	J	34	
Cadmium	1.2		0.77	J	33	
Calcium	110000	D	110000	D	2	
Chromium	490		550		12	
Cobalt	48		50		5	
Copper	27		28		0	
Iron	34000		38000		14	
Lead	15		16		6	
Magnesium	40000	D	40000	D	1	
Manganese	540		610		13	
Nickel	460	D	450	D	2	
Potassium	610		460	J	25	
Selenium	3.0	U	15.0	U		
Silver	0.86	U	1.1	J	100	
Sodium	1200		1300	J	16	
Thallium	2.2	U	11.0	U		
Vanadium	69		70		1	
Zinc	52		53		1	