

EPA SAMPLE NO.

MBHNJ0L

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.: MBHNC3Matrix : Soil Analytical Method: ICP-AES% Solids: 85.2Concentration 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	6300		6200		1	
Antimony	1.4	J	29.0	U	100	
Arsenic	5.5		5.2		5	
Barium	40		38	J	5	
Beryllium	0.48	J	0.56	J	17	
Cadmium	1.3		1.0	J	18	
Calcium	58000		60000		3	
Chromium	16		17		12	
Cobalt	9.6		9.0	J	6	
Copper	20		22		11	
Iron	22000		23000		5	
Lead	40		40		1	
Magnesium	6700		6900		3	
Manganese	800		830		4	
Nickel	24		23		3	
Potassium	1300		1200	J	5	
Selenium	3.3	J	4.8	J	48	
Silver	0.98	U	4.9	U		
Sodium	97	J	2500	U	100	
Thallium	2.5	U	12.0	U		
Vanadium	14		15	J	6	
Zinc	81		86		7	