

EPA SAMPLE NO.

MBHN82L

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.: MBHN53Matrix : Soil Analytical Method: ICP-AES% Solids: 70.9Concentration 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	6000		7000		16	
Antimony	6.9	U	35.0	U		
Arsenic	11		12		5	
Barium	160		180		11	
Beryllium	0.54	J	0.61	J	14	
Cadmium	1.6		1.5	J	6	
Calcium	7700		9000		17	
Chromium	20		24		18	
Cobalt	10		10	J	0	
Copper	60		68		14	
Iron	17000		20000		19	
Lead	400		420		4	
Magnesium	2900		3300		17	
Manganese	950		1100		15	
Nickel	26		26		2	
Potassium	910		1100	J	24	
Selenium	3.7	J	6.3	J	71	
Silver	1.2	U	5.8	U		
Sodium	580	U	2900	U		
Thallium	2.9	U	15.0	U		
Vanadium	18		20	J	11	
Zinc	380		460		21	*