

EPA SAMPLE NO.

MBHL02L

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.: MBHKZ7Matrix : Soil Analytical Method: ICP-AES% Solids: 79Concentration 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	6900		8100		16	
Antimony	2.8	J	3.2	J	12	
Arsenic	13		16		23	
Barium	68		80	J	17	
Beryllium	0.87		1.1	J	22	
Cadmium	0.45	J	0.36	J	20	
Calcium	2900		3400		17	
Chromium	11		13		21	*
Cobalt	9.6		11	J	14	
Copper	19		22		17	
Iron	16000		19000		17	
Lead	54		55		3	
Magnesium	1800		2000	J	13	
Manganese	680		790		17	
Nickel	16		16	J	2	
Potassium	400	J	2700	U	100	
Selenium	6.6		7.4	J	12	
Silver	0.34	J	0.51	J	48	
Sodium	540	U	2700	U		
Thallium	2.7	U	13.0	U		
Vanadium	20		24	J	18	
Zinc	55		76		38	*