

EPA SAMPLE NO.

MBHL52L

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.: MBHKZ3Matrix : Soil Analytical Method: ICP-AES% Solids: 85.3Concentration 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	5000		5900		19	
Antimony	1.3	J	31.0	U	100	
Arsenic	8.7		7.4		15	
Barium	78		91	J	17	
Beryllium	0.71		0.81	J	14	
Cadmium	0.33	J	0.25	J	24	
Calcium	100000	D	110000	D	10	
Chromium	8.0		10		27	*
Cobalt	13		29		119	*
Copper	18		22		22	
Iron	15000		18000		20	
Lead	28		33		17	
Magnesium	7600		9300		22	*
Manganese	580		710		22	*
Nickel	13		12	J	9	
Potassium	790		980	J	23	
Selenium	4.2		18.0	U	100	
Silver	0.68	J	0.67	J	2	
Sodium	110	J	2600	U	100	
Thallium	2.6	U	7.4	J	100	
Vanadium	13		19	J	47	
Zinc	32		43		34	