

EPA SAMPLE NO.

MBHM88L

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.: MBHM70Matrix : Soil Analytical Method: ICP-AES% Solids: 79.7Concentration Units (µg/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		6200		4	
Antimony	2.8	J	35.0	U	100	
Arsenic	15		16		5	
Barium	73		75	J	2	
Beryllium	0.89		0.9	J	2	
Cadmium	0.27	J	0.27	J	0	
Calcium	8800		9100		4	
Chromium	8.3		8.6		4	
Cobalt	8.6		11	J	30	*
Copper	16		10	J	39	
Iron	12000		13000		4	
Lead	90		89		1	
Magnesium	2600		2700	J	6	
Manganese	230		250		6	
Nickel	15		13	J	9	
Potassium	440	J	480	J	9	
Selenium	5.9		7.5	J	28	
Silver	1.2	U	5.8	U		
Sodium	580	U	2900	U		
Thallium	2.9	U	14.0	U		
Vanadium	17		14	J	15	
Zinc	60		65		8	