

EPA SAMPLE NO.

MBHJF4L

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.: MBHD2Matrix : Soil Analytical Method: ICP-AES% Solids: 89.3Concentration 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	5600		7100		26	*
Antimony	1.4	J	24.0	U	100	
Arsenic	2.7		4.0	U	100	
Barium	35		42	J	22	*
Beryllium	0.39	J	0.51	J	31	
Cadmium	0.28	J	0.13	J	52	
Calcium	24000		30000		23	*
Chromium	7.9		9.7		23	*
Cobalt	9.3		15	J	63	*
Copper	7.0		7.7	J	9	
Iron	13000		16000		26	*
Lead	15		19		22	*
Magnesium	9200		12000		25	*
Manganese	570		710		26	*
Nickel	14		14	J	4	
Potassium	500		770	J	54	
Selenium	2.8	U	14.0	U		
Silver	0.81	U	0.48	J	100	
Sodium	110	J	2000	U	100	
Thallium	1.5	J	4.2	J	188	
Vanadium	13		19	J	47	
Zinc	30		40		34	*