

EPA SAMPLE NO.

MBH MJ6L

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.: MBHME1Matrix : Soil Analytical Method: ICP-AES% Solids: 75.4Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	7200		7100		2	
Antimony	3.8	J	34.0	U	100	
Arsenic	20		8.5		57	
Barium	290		340		17	
Beryllium	0.63		0.46	J	28	
Cadmium	1.0		0.88	J	13	
Calcium	25000		25000		2	
Chromium	17		18		6	
Cobalt	14		19	J	32	*
Copper	70		69		2	
Iron	16000		14000		9	
Lead	530		1000		90	*
Magnesium	4000		4200		6	
Manganese	1200		1300		8	
Nickel	22		16	J	26	*
Potassium	670		590	J	12	
Selenium	4.6		20.0	U	100	
Silver	1.1	U	5.7	U		
Sodium	120	J	2800	U	100	
Thallium	2.8	U	5.8	J	100	
Vanadium	17		15	J	10	
Zinc	280		300		6	