

EPA SAMPLE NO.

MBHLZ4L

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.: MBHLZ4Matrix : Soil Analytical Method: ICP-AES% Solids: 79.9Concentration 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	6600		7900		19	
Antimony	3.6	J	4.7	J	31	
Arsenic	20		20		1	
Barium	140		160		19	
Beryllium	0.76		0.96	J	26	
Cadmium	0.71		0.65	J	8	
Calcium	3800		4400		17	
Chromium	17		20		17	
Cobalt	13		15	J	10	
Copper	30		37		22	
Iron	14000		17000		20	
Lead	160		160		3	
Magnesium	1900		2300	J	18	
Manganese	820		980		19	
Nickel	19		21		7	
Potassium	690		2500	U	100	
Selenium	7.3		9.0	J	24	
Silver	1.0	U	5.0	U		
Sodium	500	U	2500	U		
Thallium	2.5	U	13.0	U		
Vanadium	19		24	J	28	
Zinc	95		120		27	*