

EPA SAMPLE NO.

MBHHW8L

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.: MBHHS5Matrix : Soil Analytical Method: ICP-AES% Solids: 84.2Concentration 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	6900		8000		16	
Antimony	5.8	U	29.0	U		
Arsenic	14		15		8	
Barium	120		140		18	
Beryllium	0.52		0.64	J	23	
Cadmium	1.9		1.7	J	11	
Calcium	27000		33000		20	
Chromium	13		16		20	
Cobalt	13		13	J	4	
Copper	47		55		15	
Iron	19000		23000		21	*
Lead	370		390		4	
Magnesium	6000		7000		18	
Manganese	1000		1300		23	*
Nickel	24		25		4	
Potassium	780		850	J	10	
Selenium	3.4	U	17.0	U		
Silver	0.97	U	4.9	U		
Sodium	190	J	2400	U	100	
Thallium	2.4	U	12.0	U		
Vanadium	18		25		35	
Zinc	160		190		21	*