

EPA SAMPLE NO.

MBHNK4L

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.: MBHN68Matrix : Soil Analytical Method: ICP-AES% Solids: 88Concentration 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	5400		6200		14	
Antimony	4.7	U	24.0	U		
Arsenic	6.4		7.2		13	
Barium	120		130		11	
Beryllium	0.4		0.51	J	28	*
Cadmium	0.79		0.64	J	19	
Calcium	7200		8400		16	
Chromium	11		13		20	
Cobalt	6.8		6.6	J	4	
Copper	21		26		22	*
Iron	14000		16000		18	
Lead	190		190		1	
Magnesium	1800		2200		17	
Manganese	610		700		16	
Nickel	14		14	J	3	
Potassium	470		540	J	16	
Selenium	2.7	J	2.9	J	8	
Silver	0.79	U	4.0	U		
Sodium	400	U	2000	U		
Thallium	2.0	U	9.9	U		
Vanadium	13		16	J	20	
Zinc	220		270		23	*