

EPA SAMPLE NO.

MBHKX5L

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.: MBHKX5Matrix : Soil Analytical Method: ICP-AES% Solids: 91.8Concentration 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	4700		5500		18	
Antimony	2.1	J	3.9	J	86	
Arsenic	6.2		2.2	J	64	
Barium	61		72	J	17	
Beryllium	0.48		0.61	J	25	
Cadmium	0.33	J	0.28	J	14	
Calcium	20000		24000		20	
Chromium	7.8		9.5		21	*
Cobalt	7.0		14	J	94	*
Copper	7.6		11		44	
Iron	10000		12000		21	*
Lead	34		37		10	
Magnesium	8100		9900		21	*
Manganese	240		290		21	*
Nickel	8.5		8.1	J	6	
Potassium	340	J	2200	U	100	
Selenium	3.5		15.0	U	100	
Silver	0.24	J	4.4	U	100	
Sodium	440	U	2200	U		
Thallium	2.2	U	11.0	U		
Vanadium	12		14	J	16	
Zinc	50		66		33	*