

EPA SAMPLE NO.

MBHKT3L

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.: MBHKS4Matrix : Soil Analytical Method: ICP-AES% Solids: 80.7Concentration 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	6500		7800		20	
Antimony	2.5	J	2.5	J	1	
Arsenic	13		14		8	
Barium	140		170		20	
Beryllium	0.76		0.99	J	30	
Cadmium	0.61		0.52	J	14	
Calcium	12000		15000		20	
Chromium	11		14		23	*
Cobalt	12		17	J	49	*
Copper	20		29		42	
Iron	16000		19000		21	*
Lead	97		99		2	
Magnesium	4500		5400		20	
Manganese	990		1200		22	*
Nickel	15		15	J	4	
Potassium	750		830	J	9	
Selenium	5.5		4.9	J	11	
Silver	0.61	J	1.2	J	90	
Sodium	510	U	2600	U		
Thallium	2.6	U	13.0	U		
Vanadium	18		20	J	14	
Zinc	90		100		15	