

EPA SAMPLE NO.

MBHKR2L

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.: MBHKR0Matrix : Soil Analytical Method: ICP-AES% Solids: 88.6Concentration 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	8300		9400		14	
Antimony	0.72	J	27.0	U	100	
Arsenic	19		18		6	
Barium	130		150		14	
Beryllium	1.3		1.5	J	15	
Cadmium	0.63		0.61	J	3	
Calcium	17000		20000		14	
Chromium	12		14		15	
Cobalt	11		18	J	63	*
Copper	34		34		1	
Iron	13000		14000		15	
Lead	110		110		1	
Magnesium	4000		4600		15	
Manganese	440		510		15	
Nickel	24		24		1	
Potassium	930		1000	J	8	
Selenium	4.7		16.0	U	100	
Silver	0.91	U	4.6	U		
Sodium	130	J	2300	U	100	
Thallium	2.3	U	11.0	U		
Vanadium	25		24		7	
Zinc	150		170		17	