

EPA SAMPLE NO.

MBHKF8L

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.: MBHK33Matrix : Soil Analytical Method: ICP-AES% Solids: 92.8Concentration 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	3800		4200		10	
Antimony	5.3	U	26.0	U		
Arsenic	4.0		4.4	U	100	
Barium	41		42	J	0	
Beryllium	0.67		0.69	J	2	
Cadmium	0.24	J	0.15	J	40	
Calcium	63000		72000		14	
Chromium	5.2		6.3		20	
Cobalt	5.5		18	J	222	*
Copper	12		12		0	
Iron	11000		12000		7	
Lead	10		11		8	
Magnesium	12000		15000		24	*
Manganese	690		690		0	
Nickel	11		10	J	5	
Potassium	410	J	350	J	16	
Selenium	2.8	J	15.0	U	100	
Silver	0.88	U	4.4	U		
Sodium	110	J	2200	U	100	
Thallium	2.2	U	12		100	
Vanadium	9.7		8.3	J	15	
Zinc	25		29		15	