

EPA SAMPLE NO.

MBHNE7L

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.: MBHMY5Matrix : Soil Analytical Method: ICP-AES% Solids: 85.5Concentration 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	7600		8500		12	
Antimony	5.2	U	26.0	U		
Arsenic	5.9		6.3		7	
Barium	50		56	J	11	
Beryllium	0.49		0.63	J	29	*
Cadmium	0.56		0.4	J	28	
Calcium	1800		2000	J	15	
Chromium	12		14		17	
Cobalt	9.4		9.0	J	4	
Copper	15		17		19	
Iron	19000		22000		15	
Lead	17		17		0	
Magnesium	2200		2500		14	
Manganese	1000		1200		15	
Nickel	16		15	J	4	
Potassium	460		520	J	14	
Selenium	3.5		4.1	J	15	
Silver	0.87	U	4.4	U		
Sodium	59	J	2200	U	100	
Thallium	2.2	U	11.0	U		
Vanadium	18		21	J	18	
Zinc	33		39		17	