

EPA SAMPLE NO.

YE8C9L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51955 MA No.: _____ SDG No.: YE8D0Matrix : Water Analytical Method: ICP-AES

% Solids: _____

Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	1700		1900		13	
Antimony	60.0	U	300	U		
Arsenic	10		50.0	U	100	
Barium	230		230	J	1	
Beryllium	5.0	U	25.0	U		
Cadmium	5.0	U	25.0	U		
Calcium	7200		7200	J	0	
Chromium	3.6	J	50.0	U	100	
Cobalt	3.1	J	250	U	100	
Copper	13	J	130	U	100	
Iron	4100		4100		2	
Lead	10.0	U	50.0	U		
Magnesium	5800		5700	J	1	
Manganese	87		90		4	
Nickel	8.9	J	8.7	J	2	
Potassium	5000	U	25000	U		
Selenium	35.0	U	180	U		
Silver	10.0	U	1.6	J	100	
Sodium	6900		7400	J	7	
Thallium	25.0	U	130	U		
Vanadium	3.9	J	250	U	100	
Zinc	200		190	J	3	