

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51900 MA No.: _____ SDG No.: ME29C5Matrix : Water Analytical Method: ICP-MS

% Solids: _____

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

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	20.0	U	100	U		
Antimony	2.0	U	10.0	U		
Arsenic	1.0	U	5.0	U		
Barium	21		21	J	2	
Beryllium	1.0	U	5.0	U		
Cadmium	1.0	U	5.0	U		
Calcium	240000		250000		3	
Chromium	2.0	U	10.0	U		
Cobalt	1.0	U	5.0	U		
Copper	2.0	U	10.0	U		
Iron	29	J	1000	U	100	
Lead	0.32	J	5.0	U	100	
Magnesium	67000		70000		5	
Manganese	16		15		3	
Nickel	1.0	U	5.0	U		
Potassium	2800		3000		4	
Selenium	1.1	J	25.0	U	100	
Silver	1.0	U	5.0	U		
Sodium	60000		62000		3	
Thallium	1.0	U	5.0	U		
Vanadium	0.11	J	25.0	U	100	
Zinc	2.3	J	25.0	U	100	