

E2A02S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51878

MA No. : SDG No.: E29Z2

Matrix : Water

Analytical Method: ICP-MS

% Solids:

Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	100		2.0	U	100	104	
Arsenic	75 - 125	43		1.5		40.0	104	
Barium	75 - 125	2100		99		2000	100	
Beryllium	75 - 125	49		1.0	U	50.0	99	
Cadmium	75 - 125	52		1.0	U	50.0	105	
Chromium	75 - 125	210		2.0	U	200	103	
Cobalt	75 - 125	510		0.11	J	500	102	
Copper	75 - 125	240		1.4	J	250	97	
Lead	75 - 125	20		1.0	U	20.0	102	
Manganese	75 - 125	500		1.6		500	99	
Nickel	75 - 125	520		0.85	J	500	103	
Selenium	75 - 125	110		5.0	U	100	109	
Silver	75 - 125	52		1.0	U	50.0	103	
Thallium	75 - 125	51		1.0	U	50.0	101	
Vanadium	75 - 125	500		0.18	J	500	100	
Zinc	75 - 125	520		5.0	U	500	104	