

ME2964S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51900

MA No. : SDG No.: ME2964

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	130		2.0	U	100	129	*
Arsenic	75 - 125	43		2.2		40.0	102	
Barium	75 - 125	2200		42		2000	109	
Beryllium	75 - 125	53		1.0	U	50.0	106	
Cadmium	75 - 125	53		1.0	U	50.0	105	
Chromium	75 - 125	210		0.13	J	200	104	
Cobalt	75 - 125	540		0.12	J	500	108	
Copper	75 - 125	280		0.72	J	250	110	
Lead	75 - 125	21		0.22	J	20.0	105	
Manganese	75 - 125	500		2.8		500	100	
Nickel	75 - 125	700		170		500	107	
Selenium	75 - 125	21		1.7	J	100	20	*
Silver	75 - 125	51		1.0	U	50.0	102	
Thallium	75 - 125	56		1.0	U	50.0	111	
Vanadium	75 - 125	530		2.7	J	500	106	
Zinc	75 - 125	500		1.9	J	500	100	