

ME2944S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51900

MA No. : SDG No.: ME2931

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	87		2.0	U	100	87	
Arsenic	75 - 125	38		1.0	U	40.0	96	
Barium	75 - 125	1900		7.3	J	2000	97	
Beryllium	75 - 125	45		1.0	U	50.0	90	
Cadmium	75 - 125	43		1.0	U	50.0	86	
Chromium	75 - 125	190		2.0	U	200	95	
Cobalt	75 - 125	500		1.0	U	500	100	
Copper	75 - 125	250		2.0	U	250	98	
Lead	75 - 125	19		1.0	U	20.0	93	
Manganese	75 - 125	510		36		500	95	
Nickel	75 - 125	490		1.0	U	500	98	
Selenium	75 - 125	18		5.0	U	100	18	*
Silver	75 - 125	41		1.0	U	50.0	82	
Thallium	75 - 125	46		1.0	U	50.0	92	
Vanadium	75 - 125	480		5.0	U	500	95	
Zinc	75 - 125	460		5.0	U	500	91	