

ME2928S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51847

MA No. : SDG No.: ME2927

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	103	
Arsenic	75 - 125	43		1.0	U	40.0	106	
Barium	75 - 125	2100		0.94	J	2000	104	
Beryllium	75 - 125	51		1.0	U	50.0	101	
Cadmium	75 - 125	50		1.0	U	50.0	100	
Chromium	75 - 125	210		0.38	J	200	103	
Cobalt	75 - 125	540		1.0	U	500	107	
Copper	75 - 125	250		0.2	J	250	101	
Lead	75 - 125	20		0.19	J	20.0	97	
Manganese	75 - 125	510		2.4		500	102	
Nickel	75 - 125	530		1.0	U	500	107	
Selenium	75 - 125	110		5.0	U	100	108	
Silver	75 - 125	53		1.0	U	50.0	106	
Thallium	75 - 125	48		1.0	U	50.0	97	
Vanadium	75 - 125	520		0.1	J	500	105	
Zinc	75 - 125	530		2.7	J	500	106	