

ME2975S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51900

MA No. : SDG No.: ME2975

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	110		0.11	J	100	109	
Arsenic	75 - 125	46		2.4		40.0	109	
Barium	75 - 125	2200		110		2000	104	
Beryllium	75 - 125	51		1.0	U	50.0	103	
Cadmium	75 - 125	51		1.0	U	50.0	102	
Chromium	75 - 125	200		0.61	J	200	101	
Cobalt	75 - 125	530		0.26	J	500	106	
Copper	75 - 125	260		0.42	J	250	104	
Lead	75 - 125	21		0.32	J	20.0	104	
Manganese	75 - 125	560		55		500	101	
Nickel	75 - 125	500		1.7		500	99	
Selenium	75 - 125	22		5.0	U	100	21	*
Silver	75 - 125	48		1.0	U	50.0	95	
Thallium	75 - 125	54		1.0	U	50.0	108	
Vanadium	75 - 125	530		0.83	J	500	105	
Zinc	75 - 125	510		1.9	J	500	101	