

MC0B86S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51850

MA No. : SDG No.: MC0B82

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	98		2.0	U	100	98	
Arsenic	75 - 125	39		0.22	J	40.0	96	
Barium	75 - 125	2000		99		2000	97	
Beryllium	75 - 125	49		1.0	U	50.0	98	
Cadmium	75 - 125	48		1.0	U	50.0	96	
Chromium	75 - 125	220		15		200	101	
Cobalt	75 - 125	500		1.4		500	100	
Copper	75 - 125	240		2.0	U	250	97	
Lead	75 - 125	20		1.0	U	20.0	100	
Manganese	75 - 125	480		1.1		500	95	
Nickel	75 - 125	520		9.7		500	101	
Selenium	75 - 125	99		5.0	U	100	99	
Silver	75 - 125	49		1.0	U	50.0	97	
Thallium	75 - 125	48		1.0	U	50.0	96	
Vanadium	75 - 125	490		0.19	J	500	98	
Zinc	75 - 125	500		5.0	U	500	101	