

E29S4S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51880

MA No. : SDG No.: E29T2

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		0.22	J	100	102	
Arsenic	75 - 125	43		3.0		40.0	99	
Barium	75 - 125	2100		69		2000	99	
Beryllium	75 - 125	48		1.0	U	50.0	95	
Cadmium	75 - 125	50		1.0	U	50.0	99	
Chromium	75 - 125	210		2.0	U	200	103	
Cobalt	75 - 125	510		0.12	J	500	101	
Copper	75 - 125	240		0.83	J	250	95	
Lead	75 - 125	20		0.15	J	20.0	98	
Manganese	75 - 125	500		1.7		500	99	
Nickel	75 - 125	510		0.6	J	500	101	
Selenium	75 - 125	100		2.4	J	100	99	
Silver	75 - 125	50		1.0	U	50.0	100	
Thallium	75 - 125	51		1.0	U	50.0	101	
Vanadium	75 - 125	510		0.71	J	500	102	
Zinc	75 - 125	490		5.0	U	500	97	