

YE8C9S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51955

MA No. : SDG No.: YE8D0

Matrix : Water

Analytical Method: ICP-AES

% 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
Aluminum	75 - 125	3100	1700	2000	68	*
Antimony	75 - 125	76	60.0	100	76	
Arsenic	75 - 125	42	10	40.0	80	
Barium	75 - 125	2000	230	2000	89	
Beryllium	75 - 125	51	5.0	50.0	102	
Cadmium	75 - 125	47	5.0	50.0	94	
Chromium	75 - 125	220	3.6	200	108	
Cobalt	75 - 125	480	3.1	500	95	
Copper	75 - 125	270	13	250	102	
Iron		4900	4100	1000	83	
Lead	75 - 125	22	10.0	20.0	108	
Manganese	75 - 125	550	87	500	93	
Nickel	75 - 125	490	8.9	500	97	
Selenium	75 - 125	84	35.0	100	83	
Silver	75 - 125	37	10.0	50.0	75	
Thallium	75 - 125	55	25.0	50.0	110	
Vanadium	75 - 125	510	3.9	500	101	
Zinc	75 - 125	640	200	500	88	