

YE8F7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51955

MA No. : SDG No.: YE8F7

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	1600	200	U	2000	81
Antimony	75 - 125	89	60.0	U	100	89
Arsenic	75 - 125	35	10.0	U	40.0	89
Barium	75 - 125	2100	230		2000	94
Beryllium	75 - 125	52	5.0	U	50.0	104
Cadmium	75 - 125	48	5.0	U	50.0	96
Chromium	75 - 125	220	10.0	U	200	108
Cobalt	75 - 125	480	50.0	U	500	97
Copper	75 - 125	250	25.0	U	250	102
Iron	75 - 125	1000	55	J	1000	96
Lead	75 - 125	19	10.0	U	20.0	97
Manganese	75 - 125	520	21		500	101
Nickel	75 - 125	490	1.4	J	500	99
Selenium	75 - 125	93	35.0	U	100	93
Silver	75 - 125	37	10.0	U	50.0	74 *
Thallium	75 - 125	55	25.0	U	50.0	109
Vanadium	75 - 125	510	50.0	U	500	102
Zinc	75 - 125	600	120		500	95