

MYE453S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE450

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 97.2

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	26	D	2.1	JD	29.8	79	
Arsenic		87	D	77	D	11.92	90	
Barium	75 - 125	780	D	200	D	596	97	
Beryllium	75 - 125	16	D	0.82	D	14.92	98	
Cadmium	75 - 125	16	D	0.78	D	14.92	100	
Chromium	75 - 125	93	D	31	D	59.6	104	
Cobalt	75 - 125	170	D	20	D	149.2	101	
Copper	75 - 125	190	D	120	D	74.6	93	
Lead		48	D	42	D	5.96	108	
Manganese		1400	D	1200	D	149.2	114	
Nickel	75 - 125	180	D	32	D	149.2	101	
Selenium	75 - 125	23	D	5.1	UD	29.8	79	
Silver	75 - 125	11	D	1.5	UD	14.92	91	
Thallium	75 - 125	10	D	3.6	UD	14.92	96	
Vanadium	75 - 125	210	D	62	D	149.2	100	
Zinc	75 - 125	220	D	100	D	149.2	80	