

MYE5F5S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE5F3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 96

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	29	D	0.9	JD	33.8	84	
Arsenic	75 - 125	42	D	32	D	13.56	73	*
Barium	75 - 125	870	D	250	D	678	91	
Beryllium	75 - 125	16	D	0.75	JD	16.94	92	
Cadmium	75 - 125	17	D	0.75	JD	16.94	95	
Chromium	75 - 125	110	D	40	D	67.8	98	
Cobalt	75 - 125	180	D	21	D	169.4	94	
Copper	75 - 125	150	D	83	D	84.6	81	
Lead		44	D	39	D	6.78	67	
Manganese		1900	D	1800	D	169.4	32	
Nickel	75 - 125	200	D	38	D	169.4	94	
Selenium	75 - 125	21	D	6.1	UD	33.8	88	
Silver	75 - 125	12	D	1.7	UD	16.94	89	
Thallium	75 - 125	11	D	4.3	UD	16.94	97	
Vanadium	75 - 125	230	D	74	D	169.4	92	
Zinc	75 - 125	240	D	100	D	169.4	81	