

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4R1

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.5

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	120	1.6	126	90	
Arsenic	75 - 125	96	51	51.0	89	
Barium	75 - 125	2300 D	190 D	2550	84	
Beryllium	75 - 125	59	0.66	63.0	93	
Cadmium	75 - 125	56	0.8	63.0	87	
Chromium	75 - 125	260	39	252	89	
Cobalt	75 - 125	610 D	22 D	630	93	
Copper	75 - 125	380	100	315	87	
Lead	75 - 125	52	28	25.5	95	
Nickel	75 - 125	640 D	45 D	630	94	
Selenium	75 - 125	120	0.31 J	126	94	
Silver	75 - 125	47	0.22 J	63.0	74	*
Thallium	75 - 125	55	0.18 J	63.0	87	
Vanadium	75 - 125	650 D	84 D	630	90	
Zinc	75 - 125	630	110	630	83	

MYE4R1S

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Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	22		1.6		23.1	89	
Arsenic		58		51		9.3	71	
Barium	75 - 125	620	D	190	D	450	92	
Beryllium	75 - 125	12		0.66		11.7	100	
Cadmium	75 - 125	12		0.8		11.7	92	
Chromium	75 - 125	80		39		46.5	90	
Cobalt	75 - 125	140	D	22	D	116.1	99	
Copper	75 - 125	150		100		58.2	88	
Lead		31		28		4.5	54	
Nickel	75 - 125	160	D	45	D	116.1	103	
Selenium	75 - 125	24		0.31	J	23.1	100	
Silver	75 - 125	9.4		0.22	J	11.7	79	
Thallium	75 - 125	9.3		0.18	J	11.7	78	
Vanadium	75 - 125	200	D	84	D	116.1	98	
Zinc	75 - 125	200		110		116.1	83	