

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4H7

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.7

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	0.64 J	123	94	
Arsenic	75 - 125	90	42	49.5	98	
Barium	75 - 125	2400 D	180 D	2400	91	
Beryllium	75 - 125	56	0.62	61.5	90	
Cadmium	75 - 125	55	0.79	61.5	88	
Chromium	75 - 125	270	36	244.5	97	
Cobalt	75 - 125	650 D	22 D	613.5	102	
Copper	75 - 125	400	100	306	98	
Lead	75 - 125	53	27	24.0	106	
Nickel	75 - 125	670 D	41 D	613.5	103	
Selenium	75 - 125	120	0.38 J	123	93	
Silver	75 - 125	45	0.2 J	61.5	73	*
Thallium	75 - 125	60	1.6	61.5	95	
Vanadium	75 - 125	680 D	73 D	613.5	99	
Zinc	75 - 125	670	100	613.5	93	

MYE4H7S

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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	19		0.64	J	21.0	85	
Arsenic		48		42		8.4	65	
Barium	75 - 125	560	D	180	D	420	89	
Beryllium	75 - 125	10		0.62		10.5	91	
Cadmium	75 - 125	9.7		0.79		10.5	84	
Chromium	75 - 125	74		36		42.3	91	
Cobalt	75 - 125	120	D	22	D	105.6	95	
Copper	75 - 125	150		100		52.8	94	
Lead		28		27		4.2	18	
Nickel	75 - 125	140	D	41	D	105.6	97	
Selenium	75 - 125	18		0.38	J	21.0	82	
Silver	75 - 125	7.9		0.2	J	10.5	73	*
Thallium	75 - 125	9.5		1.6		10.5	75	
Vanadium	75 - 125	170	D	73	D	105.6	92	
Zinc	75 - 125	190		100		105.6	87	