

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYD3S7

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.7

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	100	0.97	109.5	91	
Arsenic	75 - 125	74	44	43.5	70	*
Barium	75 - 125	2200 D	220 D	2250	88	
Beryllium	75 - 125	54	0.92	55.5	97	
Cadmium	75 - 125	47	0.18 J	55.5	85	
Chromium	75 - 125	250	47	219	91	
Cobalt	75 - 125	570 D	32 D	549	97	
Copper	75 - 125	300	60	274.5	88	
Lead	75 - 125	30	14	22.5	74	*
Nickel	75 - 125	590 D	54 D	549	98	
Selenium	75 - 125	100	0.48 J	109.5	92	
Silver	75 - 125	45	0.051 J	55.5	83	
Thallium	75 - 125	51	0.22 J	55.5	92	
Vanadium	75 - 125	590 D	87 D	549	92	
Zinc	75 - 125	590	97	549	90	

MYD3S7S

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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	20	0.97	21.9	89	
Arsenic		47	44	8.7	44	
Barium	75 - 125	580 D	220 D	450	81	
Beryllium	75 - 125	12	0.92	11.1	101	
Cadmium	75 - 125	9.8	0.18 J	11.1	88	
Chromium	75 - 125	86	47	43.8	87	
Cobalt	75 - 125	140 D	32 D	109.8	98	
Copper	75 - 125	100	60	54.9	77	
Lead	75 - 125	16	14	4.5	48	*
Nickel	75 - 125	160 D	54 D	109.8	98	
Selenium	75 - 125	24	0.48 J	21.9	106	
Silver	75 - 125	9.8	0.051 J	11.1	89	
Thallium	75 - 125	9.3	0.22 J	11.1	83	
Vanadium	75 - 125	190 D	87 D	109.8	91	
Zinc	75 - 125	190	97	109.8	85	