

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYE444

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 99.2

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	97	0.45 J	117	83	
Arsenic	75 - 125	100	65	46.5	83	
Barium	75 - 125	2500 D	250 D	2400	97	
Beryllium	75 - 125	53	0.43	58.5	90	
Cadmium	75 - 125	52	0.53	58.5	89	
Chromium	75 - 125	250	45	232.5	90	
Cobalt	75 - 125	620 D	33 D	582	101	
Copper	75 - 125	340	88	291	86	
Lead	75 - 125	50	30	24.0	86	
Nickel	75 - 125	660 D	42 D	582	107	
Selenium	75 - 125	110	1.9 U	117	95	
Silver	75 - 125	49	0.13 J	58.5	83	
Thallium	75 - 125	47	0.13 J	58.5	80	
Vanadium	75 - 125	690 D	120 D	582	98	
Zinc	75 - 125	670	160	582	88	

MYD5K3S

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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		0.45	J	22.2	84	
Arsenic		72		65		9.0	80	
Barium	75 - 125	590	D	250	D	450	76	
Beryllium	75 - 125	11		0.43		11.1	91	
Cadmium	75 - 125	11		0.53		11.1	90	
Chromium	75 - 125	86		45		44.4	92	
Cobalt	75 - 125	140	D	33	D	111.3	93	
Copper	75 - 125	140		88		55.5	87	
Lead		33		30		4.5	74	
Nickel	75 - 125	140	D	42	D	111.3	92	
Selenium	75 - 125	22		1.9	U	22.2	99	
Silver	75 - 125	9.4		0.13	J	11.1	84	
Thallium	75 - 125	9.1		0.13	J	11.1	81	
Vanadium	75 - 125	210	D	120	D	111.3	81	
Zinc	75 - 125	240		160		111.3	80	