

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYE440

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.9

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	0.38 J	117	86	
Arsenic	75 - 125	73	33	46.5	85	
Barium	75 - 125	2200 D	110 D	2400	90	
Beryllium	75 - 125	50	0.39	58.5	84	
Cadmium	75 - 125	53	0.62	58.5	90	
Chromium	75 - 125	230	19	234	92	
Cobalt	75 - 125	590 D	16 D	583.5	98	
Copper	75 - 125	310	51	291	89	
Lead	75 - 125	54	33	24.0	90	
Nickel	75 - 125	600 D	15 D	583.5	100	
Selenium	75 - 125	110	1.8 U	117	94	
Silver	75 - 125	50	0.22 J	58.5	85	
Thallium	75 - 125	47	0.15 J	58.5	80	
Vanadium	75 - 125	600 D	46 D	583.5	94	
Zinc	75 - 125	700	160	583.5	93	

MYD573S

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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	23		0.38	J	22.8	97	
Arsenic	75 - 125	43		33		9.0	103	
Barium	75 - 125	540	D	110	D	450	95	
Beryllium	75 - 125	12		0.39		11.4	98	
Cadmium	75 - 125	12		0.62		11.4	101	
Chromium	75 - 125	65		19		45.6	103	
Cobalt	75 - 125	140	D	16	D	114	109	
Copper	75 - 125	110		51		57.0	100	
Lead		39		33		4.5	141	
Nickel	75 - 125	140	D	15	D	114	110	
Selenium	75 - 125	26		1.8	U	22.8	114	
Silver	75 - 125	12		0.22	J	11.4	99	
Thallium	75 - 125	10		0.15	J	11.4	88	
Vanadium	75 - 125	170	D	46	D	114	106	
Zinc	75 - 125	280		160		114	105	