

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4B0

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 95

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	140		0.7	J	147	92	
Arsenic	75 - 125	96		43		58.5	89	
Barium	75 - 125	3100	D	190	D	3000	98	
Beryllium	75 - 125	73		0.69		73.5	97	
Cadmium	75 - 125	72		0.77		73.5	97	
Chromium	75 - 125	330		44		295.5	96	
Cobalt	75 - 125	810	D	23	D	738	106	
Copper	75 - 125	470		120		369	95	
Lead	75 - 125	49		24		30.0	82	
Nickel	75 - 125	860	D	44	D	738	111	
Selenium	75 - 125	150		0.44	J	147	102	
Silver	75 - 125	58		0.29	J	73.5	78	
Thallium	75 - 125	62		0.17	J	73.5	84	
Vanadium	75 - 125	850	D	77	D	738	104	
Zinc	75 - 125	790		110		738	92	

MYE4C1S

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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	15		0.7	J	26.4	54	*
Arsenic		42		43		10.5	-8	
Barium	75 - 125	710	D	190	D	540	98	
Beryllium	75 - 125	17		0.69		13.2	121	
Cadmium	75 - 125	8.3		0.77		13.2	57	*
Chromium	75 - 125	99		44		53.1	103	
Cobalt	75 - 125	180	D	23	D	132.6	118	
Copper	75 - 125	180		120		66.3	82	
Lead		24		24		5.4	-8	
Nickel	75 - 125	210	D	44	D	132.6	121	
Selenium	75 - 125	26		0.44	J	26.4	95	
Silver	75 - 125	13		0.29	J	13.2	98	
Thallium	75 - 125	6.6		0.17	J	13.2	49	*
Vanadium	75 - 125	220	D	77	D	132.6	110	
Zinc	75 - 125	240		110		132.6	99	