

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDA73

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.2

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	130		0.6	J	124.5	102	
Arsenic	75 - 125	170		100		49.5	135	*
Barium	75 - 125	2600	D	110	D	2550	97	
Beryllium	75 - 125	61		0.42		63.0	97	
Cadmium	75 - 125	64		0.68		63.0	100	
Chromium	75 - 125	310		83		250.5	92	
Cobalt	75 - 125	680	D	46	D	625.5	101	
Copper	75 - 125	410		130		313.5	89	
Lead	75 - 125	54		24		25.5	119	
Nickel	75 - 125	710	D	64	D	625.5	102	
Selenium	75 - 125	130		0.32	J	124.5	100	
Silver	75 - 125	46		0.17	J	63.0	73	*
Thallium	75 - 125	64		0.071	J	63.0	102	
Vanadium	75 - 125	810	D	170	D	625.5	102	
Zinc	75 - 125	650		110		625.5	88	

MYDA88S

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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	26		0.6	J	25.5	101	
Arsenic		130		100		10.2	260	
Barium	75 - 125	680	D	110	D	510	112	
Beryllium	75 - 125	14		0.42		12.6	107	
Cadmium	75 - 125	14		0.68		12.6	102	
Chromium	75 - 125	150		83		51.0	122	
Cobalt	75 - 125	200	D	46	D	127.2	120	
Copper	75 - 125	210		130		63.6	127	*
Lead		32		24		5.1	165	
Nickel	75 - 125	220	D	64	D	127.2	121	
Selenium	75 - 125	30		0.32	J	25.5	118	
Silver	75 - 125	12		0.17	J	12.6	92	
Thallium	75 - 125	12		0.071	J	12.6	91	
Vanadium	75 - 125	340	D	170	D	127.2	136	*
Zinc	75 - 125	240		110		127.2	105	