

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51817MA No. : SDG No.: MYE5L0Matrix : SoilAnalytical Method: ICP-MS% Solids: 97.3Concentration 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		0.94		108	95	
Arsenic	75 - 125	70		36		43.5	78	
Barium	75 - 125	2300	D	140	D	2100	100	
Beryllium	75 - 125	53		0.33	J	54.0	97	
Cadmium	75 - 125	52		0.13	J	54.0	96	
Chromium	75 - 125	240		27		216	99	
Cobalt	75 - 125	530	D	15	D	538.5	95	
Copper	75 - 125	290		33		270	95	
Lead	75 - 125	25		6.2		21.0	89	
Nickel	75 - 125	550	D	30	D	538.5	96	
Selenium	75 - 125	100		2.3	U	108	93	
Silver	75 - 125	43		0.46	U	54.0	80	
Thallium	75 - 125	51		0.082	J	54.0	95	
Vanadium	75 - 125	530	D	44	D	538.5	89	
Zinc	75 - 125	580		54		538.5	98	

MYE5N2S

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Analytical Method: ICP-MS

% Solids: 97.3

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	32		0.94		24.6	124	
Arsenic	75 - 125	46		36		9.9	96	
Barium	75 - 125	700	D	140	D	480	115	
Beryllium	75 - 125	15		0.33	J	12.3	122	
Cadmium	75 - 125	15		0.13	J	12.3	124	
Chromium	75 - 125	85		27		49.2	118	
Cobalt	75 - 125	170	D	15	D	123.3	123	
Copper	75 - 125	100		33		61.8	112	
Lead	75 - 125	12		6.2		4.8	110	
Nickel	75 - 125	180	D	30	D	123.3	121	
Selenium	75 - 125	26		2.3	U	24.6	105	
Silver	75 - 125	12		0.46	U	12.3	97	
Thallium	75 - 125	15		0.082	J	12.3	121	
Vanadium	75 - 125	180	D	44	D	123.3	113	
Zinc	75 - 125	200		54		123.3	115	