

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE5J2

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 94.4

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		0.49	J	135	100	
Arsenic	75 - 125	93		44		54.0	91	
Barium	75 - 125	3000	D	440	D	2700	95	
Beryllium	75 - 125	66		0.73		67.5	97	
Cadmium	75 - 125	67		0.33	J	67.5	99	
Chromium	75 - 125	300		45		270	95	
Cobalt	75 - 125	700	D	24	D	673.5	100	
Copper	75 - 125	370		61		336	91	
Lead	75 - 125	40		14		27.0	98	
Nickel	75 - 125	740	D	59	D	673.5	101	
Selenium	75 - 125	140		2.3	U	135	104	
Silver	75 - 125	57		0.11	J	67.5	84	
Thallium	75 - 125	65		0.19	J	67.5	97	
Vanadium	75 - 125	730	D	85	D	673.5	96	
Zinc	75 - 125	750		97		673.5	96	

MYE5K5S

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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	30		0.49	J	24.9	120	
Arsenic		52		44		9.9	80	
Barium	75 - 125	990	D	440	D	510	112	
Beryllium	75 - 125	15		0.73		12.3	117	
Cadmium	75 - 125	15		0.33	J	12.3	121	
Chromium	75 - 125	98		45		49.8	107	
Cobalt	75 - 125	170	D	24	D	124.2	120	
Copper	75 - 125	120		61		62.1	101	
Lead	75 - 125	19		14		5.1	91	
Nickel	75 - 125	200	D	59	D	124.2	115	
Selenium	75 - 125	31		2.3	U	24.9	125	
Silver	75 - 125	12		0.11	J	12.3	95	
Thallium	75 - 125	15		0.19	J	12.3	117	
Vanadium	75 - 125	220	D	85	D	124.2	109	
Zinc	75 - 125	230		97		124.2	106	