

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDAT3
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 98

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	110	0.56 J	106.5	100	
Arsenic	75 - 125	72	37	43.5	80	
Barium	75 - 125	2100 D	140 D	2100	92	
Beryllium	75 - 125	60	0.68	54.0	110	
Cadmium	75 - 125	52	0.33 J	54.0	97	
Chromium	75 - 125	220	22	214.5	93	
Cobalt	75 - 125	520 D	18 D	535.5	94	
Copper	75 - 125	270	36	267	86	
Lead	75 - 125	35	20	21.0	72	*
Nickel	75 - 125	550 D	19 D	535.5	98	
Selenium	75 - 125	110	0.55 J	106.5	104	
Silver	75 - 125	43	0.082 J	54.0	80	
Thallium	75 - 125	45	0.11 J	54.0	85	
Vanadium	75 - 125	570 D	72 D	535.5	92	
Zinc	75 - 125	590	100	535.5	91	

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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	31		0.56	J	28.2	108	
Arsenic	75 - 125	54		37		11.4	149	*
Barium	75 - 125	720	D	140	D	570	102	
Beryllium	75 - 125	18		0.68		14.1	123	
Cadmium	75 - 125	16		0.33	J	14.1	111	
Chromium	75 - 125	84		22		56.7	110	
Cobalt	75 - 125	170	D	18	D	141.6	108	
Copper	75 - 125	110		36		70.8	103	
Lead	75 - 125	28		20		5.7	143	*
Nickel	75 - 125	170	D	19	D	141.6	109	
Selenium	75 - 125	34		0.55	J	28.2	118	
Silver	75 - 125	13		0.082	J	14.1	92	
Thallium	75 - 125	14		0.11	J	14.1	96	
Vanadium	75 - 125	230	D	72	D	141.6	113	
Zinc	75 - 125	260		100		141.6	110	