

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDBD4
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 96.7

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		5.4		124.5	99	
Arsenic	75 - 125	180		180		49.5	-14	*
Barium	75 - 125	2700	D	540	D	2550	88	
Beryllium	75 - 125	70		2.9		61.5	109	
Cadmium	75 - 125	70		12		61.5	93	
Chromium	75 - 125	330		120		247.5	86	
Cobalt	75 - 125	620	D	28	D	621	95	
Copper		1700		2000		310.5	-102	
Lead		320		420		25.5	-418	
Nickel	75 - 125	690	D	110	D	621	94	
Selenium	75 - 125	230		3.7		124.5	183	*
Silver	75 - 125	42		5.5		61.5	59	*
Thallium	75 - 125	49		0.28	J	61.5	78	
Vanadium	75 - 125	630	D	66	D	621	91	
Zinc	75 - 125	1500		1200		621	47	*

MYDBE6S

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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		5.4		23.7	103	
Arsenic		140		180		9.6	-503	
Barium	75 - 125	1100	D	540	D	480	112	
Beryllium	75 - 125	19		2.9		11.7	135	*
Cadmium	75 - 125	21		12		11.7	81	
Chromium	75 - 125	140		120		47.4	48	*
Cobalt	75 - 125	170	D	28	D	118.5	117	
Copper		1400		2000		59.1	-1008	
Lead		290		420		4.8	-2827	
Nickel	75 - 125	240	D	110	D	118.5	112	
Selenium	75 - 125	20		3.7		23.7	67	*
Silver	75 - 125	16		5.5		11.7	85	
Thallium	75 - 125	11		0.28	J	11.7	90	
Vanadium	75 - 125	200	D	66	D	118.5	112	
Zinc		940		1200		118.5	-194	