

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDBB4
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 96.9

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	120		1.9		124.5	94	
Arsenic	75 - 125	92		51		49.5	81	
Barium	75 - 125	3500	D	880	D	2550	106	
Beryllium	75 - 125	69		1.5		63.0	108	
Cadmium	75 - 125	63		5.7		63.0	92	
Chromium	75 - 125	300		63		249	96	
Cobalt	75 - 125	660	D	31	D	624	101	
Copper	75 - 125	990		740		312	81	
Lead		150		140		25.5	59	
Nickel	75 - 125	730	D	96	D	624	102	
Selenium	75 - 125	120		1.3	J	124.5	92	
Silver	75 - 125	43		1.7		63.0	66	*
Thallium	75 - 125	51		0.37	J	63.0	81	
Vanadium	75 - 125	680	D	70	D	624	98	
Zinc	75 - 125	1000		450		624	89	

MYDBB7S

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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		1.9		27.9	106	
Arsenic		67		51		11.1	138	
Barium	75 - 125	1700	D	880	D	570	152	*
Beryllium	75 - 125	19		1.5		13.8	127	*
Cadmium	75 - 125	22		5.7		13.8	113	
Chromium	75 - 125	130		63		55.8	118	
Cobalt	75 - 125	200	D	31	D	139.5	120	
Copper		870		740		69.6	179	
Lead		150		140		5.7	308	
Nickel	75 - 125	280	D	96	D	139.5	131	*
Selenium	75 - 125	30		1.3	J	27.9	103	
Silver	75 - 125	15		1.7		13.8	92	
Thallium	75 - 125	14		0.37	J	13.8	94	
Vanadium	75 - 125	240	D	70	D	139.5	124	
Zinc	75 - 125	640		450		139.5	133	*