

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB23
 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	120		0.4	J	123	98	
Arsenic	75 - 125	79		31		49.5	98	
Barium	75 - 125	2400	D	96	D	2400	95	
Beryllium	75 - 125	67		0.53		61.5	108	
Cadmium	75 - 125	60		0.43		61.5	97	
Chromium	75 - 125	250		14		244.5	98	
Cobalt	75 - 125	620	D	12	D	612	98	
Copper	75 - 125	340		42		306	96	
Lead	75 - 125	45		23		24.0	90	
Nickel	75 - 125	620	D	15	D	612	99	
Selenium	75 - 125	120		0.42	J	123	95	
Silver	75 - 125	51		0.12	J	61.5	83	
Thallium	75 - 125	51		0.095	J	61.5	83	
Vanadium	75 - 125	630	D	42	D	612	95	
Zinc	75 - 125	700		120		612	95	

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDB23
 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	26		0.4	J	24.3	105	
Arsenic	75 - 125	44		31		9.6	140	*
Barium	75 - 125	620	D	96	D	480	108	
Beryllium	75 - 125	16		0.53		12.0	126	*
Cadmium	75 - 125	13		0.43		12.0	106	
Chromium	75 - 125	71		14		48.6	116	
Cobalt	75 - 125	150	D	12	D	121.5	113	
Copper	75 - 125	110		42		60.6	112	
Lead		30		23		4.8	147	
Nickel	75 - 125	160	D	15	D	121.5	115	
Selenium	75 - 125	20		0.42	J	24.3	79	
Silver	75 - 125	12		0.12	J	12.0	95	
Thallium	75 - 125	11		0.095	J	12.0	93	
Vanadium	75 - 125	180	D	42	D	121.5	113	
Zinc	75 - 125	260		120		121.5	119	