

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCYX9
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 99

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		0.042	J	124.5	97	
Arsenic	75 - 125	64		17		49.5	93	
Barium	75 - 125	2700	D	110	D	2550	104	
Beryllium	75 - 125	55		0.44		63.0	88	
Cadmium	75 - 125	59		0.24	J	63.0	94	
Chromium	75 - 125	270		16		250.5	100	
Cobalt	75 - 125	690	D	12	D	625.5	108	
Copper	75 - 125	320		25		313.5	96	
Lead	75 - 125	34		10		25.5	94	
Nickel	75 - 125	650	D	15	D	625.5	102	
Selenium	75 - 125	120		2.1	U	124.5	96	
Silver	75 - 125	61		0.042	J	63.0	97	
Thallium	75 - 125	61		0.083	J	63.0	96	
Vanadium	75 - 125	660	D	40	D	625.5	100	
Zinc	75 - 125	670		65		625.5	96	

MYCZ8S

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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	26		0.042	J	22.5	117	
Arsenic	75 - 125	28		17		9.0	118	
Barium	75 - 125	670	D	110	D	450	124	
Beryllium	75 - 125	13		0.44		11.1	115	
Cadmium	75 - 125	13		0.24	J	11.1	117	
Chromium	75 - 125	77		16		45.0	136	*
Cobalt	75 - 125	150	D	12	D	112.2	127	*
Copper	75 - 125	100		25		56.1	136	*
Lead	75 - 125	14		10		4.5	87	
Nickel	75 - 125	160	D	15	D	112.2	125	
Selenium	75 - 125	25		2.1	U	22.5	111	
Silver	75 - 125	14		0.042	J	11.1	123	
Thallium	75 - 125	13		0.083	J	11.1	114	
Vanadium	75 - 125	170	D	40	D	112.2	117	
Zinc	75 - 125	220		65		112.2	136	*