

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51779 MA No. : SDG No.: MYCZN9
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 97.6

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		0.88	U	111	109	
Arsenic	75 - 125	62		20		43.5	96	
Barium	75 - 125	1700	D	28	D	2250	76	
Beryllium	75 - 125	58		0.21	J	55.5	105	
Cadmium	75 - 125	59		0.092	J	55.5	106	
Chromium	75 - 125	270		51		220.5	97	
Cobalt	75 - 125	440	D	29	D	553.5	75	
Copper	75 - 125	360		120		276	87	
Lead	75 - 125	24		2.8		22.5	95	
Nickel	75 - 125	440	D	46	D	553.5	72	*
Selenium	75 - 125	130		2.2	U	111	118	
Silver	75 - 125	40		0.44	U	55.5	72	*
Thallium	75 - 125	58		0.035	J	55.5	104	
Vanadium	75 - 125	490	D	120	D	553.5	67	*
Zinc	75 - 125	630		61		553.5	102	

MYCZQ8S

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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	27		0.88	U	22.5	120	
Arsenic	75 - 125	28		20		9.0	84	
Barium	75 - 125	550	D	28	D	450	116	
Beryllium	75 - 125	14		0.21	J	11.1	120	
Cadmium	75 - 125	14		0.092	J	11.1	126	*
Chromium	75 - 125	96		51		45.0	101	
Cobalt	75 - 125	160	D	29	D	112.2	118	
Copper	75 - 125	160		120		56.1	80	
Lead	75 - 125	7.5		2.8		4.5	105	
Nickel	75 - 125	180	D	46	D	112.2	117	
Selenium	75 - 125	29		2.2	U	22.5	129	*
Silver	75 - 125	13		0.44	U	11.1	116	
Thallium	75 - 125	13		0.035	J	11.1	114	
Vanadium	75 - 125	230	D	120	D	112.2	104	
Zinc	75 - 125	180		61		112.2	109	