

MYCZM8SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZK9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.6

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	110		0.25	J	114	95	
Arsenic	75 - 125	74		18		46.5	121	
Barium	75 - 125	2700	D	110	D	2250	113	
Beryllium	75 - 125	65		0.43		57.0	112	
Cadmium	75 - 125	54		0.31	J	57.0	94	
Chromium	75 - 125	280		30		229.5	111	
Cobalt	75 - 125	660	D	16	D	571.5	113	
Copper	75 - 125	350		46		286.5	105	
Lead	75 - 125	37		15		22.5	96	
Nickel	75 - 125	660	D	24	D	571.5	111	
Selenium	75 - 125	140		0.27	J	114	117	
Silver	75 - 125	60		0.12	J	57.0	104	
Thallium	75 - 125	53		0.096	J	57.0	93	
Vanadium	75 - 125	720	D	76	D	571.5	112	
Zinc	75 - 125	740		98		571.5	112	

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Antimony	75 - 125	28		0.25	J	24.0	118	
Arsenic	75 - 125	36		18		9.6	186	*
Barium	75 - 125	850	D	110	D	480	154	*
Beryllium	75 - 125	19		0.43		12.0	153	*
Cadmium	75 - 125	15		0.31	J	12.0	122	
Chromium	75 - 125	110		30		48.0	158	*
Cobalt	75 - 125	190	D	16	D	119.7	149	*
Copper	75 - 125	140		46		60.0	154	*
Lead	75 - 125	22		15		4.8	155	*
Nickel	75 - 125	210	D	24	D	119.7	151	*
Selenium	75 - 125	28		0.27	J	24.0	117	
Silver	75 - 125	17		0.12	J	12.0	138	*
Thallium	75 - 125	14		0.096	J	12.0	112	
Vanadium	75 - 125	260	D	76	D	119.7	154	*
Zinc	75 - 125	290		98		119.7	157	*