

MYCZ38SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZ19

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.2

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	140	0.28 J	132	104	
Arsenic	75 - 125	83	30	52.5	100	
Barium	75 - 125	3000 D	210 D	2700	104	
Beryllium	75 - 125	67	0.66	66.0	100	
Cadmium	75 - 125	70	1.0	66.0	104	
Chromium	75 - 125	290	25	264	102	
Cobalt	75 - 125	1300 D	14 D	658.5	194	*
Copper	75 - 125	390	93	328.5	91	
Lead	75 - 125	100	91	27.0	38	*
Nickel	75 - 125	1300 D	32 D	658.5	191	*
Selenium	75 - 125	140	0.51 J	132	108	
Silver	75 - 125	37	0.31 J	66.0	55	*
Thallium	75 - 125	67	0.15 J	66.0	102	
Vanadium	75 - 125	1300 D	49 D	658.5	193	*
Zinc	75 - 125	910	250	658.5	100	

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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		0.28	J	21.0	122	
Arsenic	75 - 125	35		30		8.4	64	*
Barium	75 - 125	710	D	210	D	420	120	
Beryllium	75 - 125	13		0.66		10.5	117	
Cadmium	75 - 125	14		1.0		10.5	126	*
Chromium	75 - 125	72		25		42.0	109	
Cobalt	75 - 125	140	D	14	D	105.3	122	
Copper	75 - 125	140		93		52.8	83	
Lead		82		91		4.2	-213	
Nickel	75 - 125	160	D	32	D	105.3	119	
Selenium	75 - 125	24		0.51	J	21.0	113	
Silver	75 - 125	12		0.31	J	10.5	114	
Thallium	75 - 125	13		0.15	J	10.5	117	
Vanadium	75 - 125	170	D	49	D	105.3	115	
Zinc	75 - 125	330		250		105.3	80	