

MYCZK8SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZH9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.9

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	0.051 J	109.5	101	
Arsenic	75 - 125	60	9.6	43.5	115	
Barium	75 - 125	2200 D	170 D	2250	93	
Beryllium	75 - 125	54	0.63	54.0	98	
Cadmium	75 - 125	56	0.25 J	54.0	101	
Chromium	75 - 125	220	15	219	95	
Cobalt	75 - 125	550 D	11 D	547.5	98	
Copper	75 - 125	270	25	273	90	
Lead	75 - 125	33	14	22.5	86	
Nickel	75 - 125	540 D	17 D	547.5	96	
Selenium	75 - 125	110	2.1 U	109.5	101	
Silver	75 - 125	53	0.068 J	54.0	97	
Thallium	75 - 125	54	0.093 J	54.0	99	
Vanadium	75 - 125	550 D	29 D	547.5	95	
Zinc	75 - 125	610	84	547.5	96	

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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	32		0.051	J	26.1	120	
Arsenic	75 - 125	25		9.6		10.5	149	*
Barium	75 - 125	800	D	170	D	510	119	
Beryllium	75 - 125	16		0.63		13.2	116	
Cadmium	75 - 125	17		0.25	J	13.2	125	
Chromium	75 - 125	74		15		52.5	112	
Cobalt	75 - 125	160	D	11	D	131.1	113	
Copper	75 - 125	93		25		65.4	103	
Lead	75 - 125	20		14		5.1	121	
Nickel	75 - 125	170	D	17	D	131.1	114	
Selenium	75 - 125	21		2.1	U	26.1	80	
Silver	75 - 125	16		0.068	J	13.2	119	
Thallium	75 - 125	15		0.093	J	13.2	114	
Vanadium	75 - 125	170	D	29	D	131.1	111	
Zinc	75 - 125	230		84		131.1	114	