

MYE4W5SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4W0

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.2

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	100	1.3	105	96	
Arsenic	75 - 125	100	82	42.0	54	*
Barium	75 - 125	2200 D	280 D	2100	94	
Beryllium	75 - 125	53	0.7	52.5	100	
Cadmium	75 - 125	52	2.0	52.5	96	
Chromium	75 - 125	240	45	208.5	93	
Cobalt	75 - 125	550 D	27 D	522	100	
Copper	75 - 125	420	240	261	70	*
Lead	75 - 125	77	73	21.0	22	*
Nickel	75 - 125	570 D	56 D	522	99	
Selenium	75 - 125	110 D	4.4 UD	105	105	
Silver	75 - 125	43	0.51	52.5	82	
Thallium	75 - 125	49	0.24 J	52.5	94	
Vanadium	75 - 125	590 D	95 D	522	94	
Zinc	75 - 125	640	180	522	89	

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Antimony	75 - 125	23		1.3		22.5	95	
Arsenic		81		82		9.0	-3	
Barium	75 - 125	660	D	280	D	450	86	
Beryllium	75 - 125	12		0.7		11.4	96	
Cadmium	75 - 125	13		2.0		11.4	94	
Chromium	75 - 125	81		45		45.0	79	
Cobalt	75 - 125	140	D	27	D	112.5	96	
Copper		250		240		56.4	19	
Lead		67		73		4.5	-128	
Nickel	75 - 125	160	D	56	D	112.5	90	
Selenium	75 - 125	26	D	4.4	UD	22.5	112	
Silver	75 - 125	9.7		0.51		11.4	81	
Thallium	75 - 125	11		0.24	J	11.4	93	
Vanadium	75 - 125	190	D	95	D	112.5	87	
Zinc	75 - 125	260		180		112.5	71	*