

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE4R9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 96.7

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	1.2	111	90	
Arsenic	75 - 125	110	75	45.0	73	*
Barium	75 - 125	2200 D	280 D	2250	87	
Beryllium	75 - 125	51	0.78	55.5	91	
Cadmium	75 - 125	47	0.99	55.5	84	
Chromium	75 - 125	270	52	222	96	
Cobalt	75 - 125	590 D	28 D	553.5	101	
Copper	75 - 125	420	170	277.5	92	
Lead	75 - 125	53	37	22.5	70	*
Nickel	75 - 125	620 D	70 D	553.5	100	
Selenium	75 - 125	100	0.53 J	111	91	
Silver	75 - 125	40	0.3 J	55.5	71	*
Thallium	75 - 125	50	0.23 J	55.5	91	
Vanadium	75 - 125	630 D	110 D	553.5	94	
Zinc	75 - 125	660	160	553.5	90	

MYE4R9S

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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	23		1.2		24.6	90	
Arsenic		84		75		9.9	92	
Barium	75 - 125	740	D	280	D	480	93	
Beryllium	75 - 125	13		0.78		12.3	95	
Cadmium	75 - 125	12		0.99		12.3	89	
Chromium	75 - 125	99		52		49.2	96	
Cobalt	75 - 125	150	D	28	D	123	102	
Copper	75 - 125	230		170		61.5	106	
Lead		43		37		4.8	117	
Nickel	75 - 125	200	D	70	D	123	106	
Selenium	75 - 125	22		0.53	J	24.6	88	
Silver	75 - 125	9.7		0.3	J	12.3	76	
Thallium	75 - 125	10		0.23	J	12.3	81	
Vanadium	75 - 125	230	D	110	D	123	99	
Zinc	75 - 125	270		160		123	91	