

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51817MA No. : SDG No.: MYE4T2Matrix : SoilAnalytical Method: ICP-MS% Solids: 98.9Concentration 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	120		2.8		136.5	88	
Arsenic	75 - 125	140		92		54.0	80	
Barium	75 - 125	2600	D	210	D	2700	86	
Beryllium	75 - 125	63		0.71		69.0	91	
Cadmium	75 - 125	59		1.6		69.0	85	
Chromium	75 - 125	290		41		273	92	
Cobalt	75 - 125	700	D	26	D	682.5	99	
Copper	75 - 125	470		170		342	87	
Lead	75 - 125	76		56		27.0	73	*
Nickel	75 - 125	730	D	55	D	682.5	99	
Selenium	75 - 125	130		0.56	J	136.5	93	
Silver	75 - 125	48		0.34	J	69.0	70	*
Thallium	75 - 125	61		0.27	J	69.0	89	
Vanadium	75 - 125	740	D	100	D	682.5	94	
Zinc	75 - 125	760		160		682.5	88	

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% Solids: 98.9

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	23	2.8	24.0	84	
Arsenic		88	92	9.6	-40	
Barium	75 - 125	620 D	210 D	480	85	
Beryllium	75 - 125	12	0.71	12.0	92	
Cadmium	75 - 125	12	1.6	12.0	86	
Chromium	75 - 125	82	41	47.7	86	
Cobalt	75 - 125	140 D	26 D	119.4	95	
Copper	75 - 125	210	170	59.7	60	*
Lead		53	56	4.8	-77	
Nickel	75 - 125	170 D	55 D	119.4	96	
Selenium	75 - 125	22	0.56 J	24.0	91	
Silver	75 - 125	9.2	0.34 J	12.0	74	*
Thallium	75 - 125	9.5	0.27 J	12.0	77	
Vanadium	75 - 125	200 D	100 D	119.4	85	
Zinc	75 - 125	250	160	119.4	76	