

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYDA93
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 99.6

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		0.42	J	103.5	98	
Arsenic	75 - 125	87		59		42.0	67	*
Barium	75 - 125	2200	D	290	D	2100	93	
Beryllium	75 - 125	47		0.37	J	52.5	90	
Cadmium	75 - 125	50		0.15	J	52.5	96	
Chromium	75 - 125	220		26		207	93	
Cobalt	75 - 125	540	D	21	D	519	100	
Copper	75 - 125	280		46		259.5	88	
Lead	75 - 125	28		12		21.0	76	
Nickel	75 - 125	540	D	22	D	519	100	
Selenium	75 - 125	110		2.0	U	103.5	106	
Silver	75 - 125	25		0.41	U	52.5	48	*
Thallium	75 - 125	50		0.3	J	52.5	96	
Vanadium	75 - 125	570	D	67	D	519	97	
Zinc	75 - 125	540		57		519	93	

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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		0.42	J	23.1	99	
Arsenic		63		59		9.3	44	
Barium	75 - 125	730	D	290	D	450	96	
Beryllium	75 - 125	11		0.37	J	11.7	95	
Cadmium	75 - 125	12		0.15	J	11.7	100	
Chromium	75 - 125	72		26		46.2	100	
Cobalt	75 - 125	140	D	21	D	115.8	106	
Copper	75 - 125	100		46		57.9	94	
Lead	75 - 125	16		12		4.5	75	
Nickel	75 - 125	150	D	22	D	115.8	109	
Selenium	75 - 125	28		2.0	U	23.1	121	
Silver	75 - 125	9.9		0.41	U	11.7	85	
Thallium	75 - 125	11		0.3	J	11.7	91	
Vanadium	75 - 125	190	D	67	D	115.8	103	
Zinc	75 - 125	170		57		115.8	97	