

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE543
 Matrix : Soil Analytical Method: ICP-MS
 % Solids: 97.7

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	110		0.97		105	99	
Arsenic	75 - 125	65		31		42.0	80	
Barium	75 - 125	2200	D	130	D	2100	96	
Beryllium	75 - 125	52		0.45		52.5	98	
Cadmium	75 - 125	53		0.49		52.5	100	
Chromium	75 - 125	230		27		210	97	
Cobalt	75 - 125	550	D	15	D	526.5	102	
Copper	75 - 125	320		85		262.5	90	
Lead	75 - 125	39		23		21.0	77	
Nickel	75 - 125	570	D	23	D	526.5	103	
Selenium	75 - 125	120		2.2	U	105	114	
Silver	75 - 125	43		0.15	J	52.5	82	
Thallium	75 - 125	52		0.13	J	52.5	98	
Vanadium	75 - 125	560	D	47	D	526.5	97	
Zinc	75 - 125	620		110		526.5	98	

MYE543S

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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	27		0.97		21.9	121	
Arsenic	75 - 125	36		31		8.7	52	*
Barium	75 - 125	630	D	130	D	450	114	
Beryllium	75 - 125	13		0.45		10.8	115	
Cadmium	75 - 125	13		0.49		10.8	117	
Chromium	75 - 125	74		27		43.5	108	
Cobalt	75 - 125	150	D	15	D	108.9	121	
Copper	75 - 125	140		85		54.3	92	
Lead		24		23		4.5	32	
Nickel	75 - 125	150	D	23	D	108.9	121	
Selenium	75 - 125	28		2.2	U	21.9	129	*
Silver	75 - 125	11		0.15	J	10.8	98	
Thallium	75 - 125	12		0.13	J	10.8	113	
Vanadium	75 - 125	170	D	47	D	108.9	111	
Zinc	75 - 125	230		110		108.9	111	