

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE450

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	130	1.1	126	102	
Arsenic	75 - 125	140	81	51.0	112	
Barium	75 - 125	2800 D	200 D	2550	101	
Beryllium	75 - 125	64	0.59	63.0	101	
Cadmium	75 - 125	65	0.94	63.0	102	
Chromium	75 - 125	280	33	253.5	98	
Cobalt	75 - 125	690 D	19 D	633	106	
Copper	75 - 125	430	120	316.5	98	
Lead	75 - 125	57	31	25.5	104	
Nickel	75 - 125	730 D	33 D	633	110	
Selenium	75 - 125	130	0.74 J	126	103	
Silver	75 - 125	39	0.36	63.0	60	*
Thallium	75 - 125	55	0.14 J	63.0	86	
Vanadium	75 - 125	730 D	62 D	633	106	
Zinc	75 - 125	710	120	633	94	

MYE453S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE450

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	26		1.1		21.6	116	
Arsenic		88		81		8.7	80	
Barium	75 - 125	700	D	200	D	420	117	
Beryllium	75 - 125	15		0.59		10.8	130	*
Cadmium	75 - 125	14		0.94		10.8	120	
Chromium	75 - 125	86		33		43.2	123	
Cobalt	75 - 125	160	D	19	D	108	130	*
Copper	75 - 125	180		120		54.0	113	
Lead		35		31		4.2	98	
Nickel	75 - 125	180	D	33	D	108	135	*
Selenium	75 - 125	27		0.74	J	21.6	122	
Silver	75 - 125	12		0.36		10.8	105	
Thallium	75 - 125	11		0.14	J	10.8	104	
Vanadium	75 - 125	200	D	62	D	108	128	*
Zinc	75 - 125	240		120		108	114	