

MYE5N3SRE

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE5N3

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.3

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	0.56 J	111	100	
Arsenic	75 - 125	69	29	45.0	90	
Barium	75 - 125	2200 D	130 D	2250	93	
Beryllium	75 - 125	52	0.33 J	55.5	92	
Cadmium	75 - 125	58	0.47	55.5	103	
Chromium	75 - 125	250	29	222	98	
Cobalt	75 - 125	570 D	14 D	555	100	
Copper	75 - 125	340	79	277.5	94	
Lead	75 - 125	39	18	22.5	95	
Nickel	75 - 125	590 D	25 D	555	102	
Selenium	75 - 125	110	0.44 J	111	96	
Silver	75 - 125	44	0.16 J	55.5	78	
Thallium	75 - 125	56	0.1 J	55.5	101	
Vanadium	75 - 125	560 D	38 D	555	95	
Zinc	75 - 125	640	91	555	98	

MYE5N3S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51817

MA No. : SDG No.: MYE5N3

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 97.3

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	28		0.56	J	24.9	111	
Arsenic	75 - 125	40		29		9.9	107	
Barium	75 - 125	690	D	130	D	510	114	
Beryllium	75 - 125	14		0.33	J	12.3	111	
Cadmium	75 - 125	15		0.47		12.3	112	
Chromium	75 - 125	88		29		49.8	120	
Cobalt	75 - 125	160	D	14	D	124.2	119	
Copper	75 - 125	150		79		62.1	119	
Lead	75 - 125	24		18		5.1	119	
Nickel	75 - 125	170	D	25	D	124.2	119	
Selenium	75 - 125	32		0.44	J	24.9	125	
Silver	75 - 125	12		0.16	J	12.3	94	
Thallium	75 - 125	14		0.1	J	12.3	108	
Vanadium	75 - 125	180	D	38	D	124.2	112	
Zinc	75 - 125	240		91		124.2	119	