

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51817MA No. : SDG No.: MYE4L4Matrix : SoilAnalytical Method: ICP-MS% Solids: 83.6Concentration 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		0.17	J	124.5	98	
Arsenic	75 - 125	65		23		49.5	83	
Barium	75 - 125	2600	D	160	D	2550	96	
Beryllium	75 - 125	61		0.38	J	63.0	98	
Cadmium	75 - 125	58		0.72		63.0	92	
Chromium	75 - 125	250		22		249	93	
Cobalt	75 - 125	620	D	14	D	622.5	98	
Copper	75 - 125	360		89		312	87	
Lead	75 - 125	64		49		25.5	59	*
Nickel	75 - 125	610	D	25	D	622.5	94	
Selenium	75 - 125	130		2.3	U	124.5	104	
Silver	75 - 125	50		0.21	J	63.0	79	
Thallium	75 - 125	59		0.082	J	63.0	95	
Vanadium	75 - 125	620	D	36	D	622.5	94	
Zinc	75 - 125	680		120		622.5	89	

MYE4M1S

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MA No. : SDG No.: MYE4L4

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 83.6

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	25		0.17	J	26.1	96	
Arsenic	75 - 125	31		23		10.5	74	*
Barium	75 - 125	680	D	160	D	510	99	
Beryllium	75 - 125	14		0.38	J	12.9	105	
Cadmium	75 - 125	13		0.72		12.9	97	
Chromium	75 - 125	72		22		51.9	96	
Cobalt	75 - 125	140	D	14	D	129.9	98	
Copper	75 - 125	150		89		65.1	90	
Lead		51		49		5.1	42	
Nickel	75 - 125	150	D	25	D	129.9	97	
Selenium	75 - 125	29		2.3	U	26.1	112	
Silver	75 - 125	11		0.21	J	12.9	83	
Thallium	75 - 125	11		0.082	J	12.9	86	
Vanadium	75 - 125	160	D	36	D	129.9	97	
Zinc	75 - 125	240		120		129.9	88	