

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZ9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.4

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		0.089	J	123	106	
Arsenic	75 - 125	91		42		49.5	99	
Barium	75 - 125	2700	D	130	D	2400	103	
Beryllium	75 - 125	59		0.53		61.5	96	
Cadmium	75 - 125	64		0.52		61.5	103	
Chromium	75 - 125	260		17		246	97	
Cobalt	75 - 125	650	D	16	D	615	102	
Copper	75 - 125	340		62		307.5	92	
Lead	75 - 125	55		30		24.0	101	
Nickel	75 - 125	630	D	17	D	615	100	
Selenium	75 - 125	130		0.45	J	123	103	
Silver	75 - 125	39		0.14	J	61.5	64	*
Thallium	75 - 125	63		0.1	J	61.5	102	
Vanadium	75 - 125	680	D	61	D	615	101	
Zinc	75 - 125	760		150		615	100	

MYCZ18S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51779

MA No. : SDG No.: MYCZ9

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.4

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	31		0.089	J	23.4	131	*
Arsenic		52		42		9.3	103	
Barium	75 - 125	800	D	130	D	480	145	*
Beryllium	75 - 125	17		0.53		11.7	138	*
Cadmium	75 - 125	16		0.52		11.7	132	*
Chromium	75 - 125	80		17		46.5	136	*
Cobalt	75 - 125	180	D	16	D	116.4	140	*
Copper	75 - 125	140		62		58.2	126	*
Lead		35		30		4.8	109	
Nickel	75 - 125	180	D	17	D	116.4	142	*
Selenium	75 - 125	26		0.45	J	23.4	110	
Silver	75 - 125	16		0.14	J	11.7	139	*
Thallium	75 - 125	14		0.1	J	11.7	123	
Vanadium	75 - 125	220	D	61	D	116.4	137	*
Zinc	75 - 125	300		150		116.4	129	*