

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51779MA No. : SDG No.: MYCZB9Matrix : SoilAnalytical Method: ICP-MS% Solids: 98.5Concentration 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		0.46	J	114	95	
Arsenic	75 - 125	100		57		46.5	99	
Barium	75 - 125	2300	D	56	D	2250	97	
Beryllium	75 - 125	52		0.26	J	57.0	91	
Cadmium	75 - 125	53		1.3		57.0	91	
Chromium	75 - 125	320		120		229.5	91	
Cobalt	75 - 125	590	D	44	D	573	95	
Copper	75 - 125	520		270		286.5	86	
Lead	75 - 125	62		41		22.5	93	
Nickel	75 - 125	610	D	78	D	573	94	
Selenium	75 - 125	110		0.63	J	114	93	
Silver	75 - 125	38		0.37		57.0	66	*
Thallium	75 - 125	54		0.043	J	57.0	95	
Vanadium	75 - 125	690	D	150	D	573	94	
Zinc	75 - 125	640		130		573	89	

MYCZD8S

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Analytical Method: ICP-MS

% Solids: 98.5

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		0.46	J	27.0	93	
Arsenic		78		57		10.8	198	
Barium	75 - 125	580	D	56	D	540	96	
Beryllium	75 - 125	12		0.26	J	13.5	90	
Cadmium	75 - 125	14		1.3		13.5	94	
Chromium	75 - 125	190		120		54.0	134	*
Cobalt	75 - 125	170	D	44	D	134.7	96	
Copper		380		270		67.5	160	
Lead		55		41		5.4	259	
Nickel	75 - 125	220	D	78	D	134.7	102	
Selenium	75 - 125	24		0.63	J	27.0	86	
Silver	75 - 125	11		0.37		13.5	82	
Thallium	75 - 125	12		0.043	J	13.5	87	
Vanadium	75 - 125	310	D	150	D	134.7	114	
Zinc	75 - 125	260		130		134.7	98	