

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51779MA No. : SDG No.: MYCZF9Matrix : SoilAnalytical Method: ICP-MS% Solids: 99.4Concentration 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		0.8	U	109.5	100	
Arsenic	75 - 125	54		9.7		43.5	100	
Barium	75 - 125	2400	D	62	D	2250	106	
Beryllium	75 - 125	56		0.21	J	55.5	101	
Cadmium	75 - 125	56		0.18	J	55.5	101	
Chromium	75 - 125	240		17		220.5	102	
Cobalt	75 - 125	590	D	9.8	D	550.5	106	
Copper	75 - 125	310		46		276	94	
Lead	75 - 125	31		9.8		22.5	96	
Nickel	75 - 125	580	D	15	D	550.5	103	
Selenium	75 - 125	120		2.0	U	109.5	109	
Silver	75 - 125	56		0.4	U	55.5	102	
Thallium	75 - 125	56		0.044	J	55.5	101	
Vanadium	75 - 125	600	D	38	D	550.5	102	
Zinc	75 - 125	640		71		550.5	103	

MYCZN8S

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Matrix : Soil

Analytical Method: ICP-MS

% Solids: 99.4

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		0.8	U	25.5	122	
Arsenic	75 - 125	22		9.7		10.2	125	
Barium	75 - 125	800	D	62	D	510	146	*
Beryllium	75 - 125	16		0.21	J	12.6	125	
Cadmium	75 - 125	16		0.18	J	12.6	123	
Chromium	75 - 125	81		17		50.7	127	*
Cobalt	75 - 125	190	D	9.8	D	126.9	140	*
Copper	75 - 125	120		46		63.3	122	
Lead	75 - 125	17		9.8		5.1	136	*
Nickel	75 - 125	200	D	15	D	126.9	144	*
Selenium	75 - 125	27		2.0	U	25.5	106	
Silver	75 - 125	16		0.4	U	12.6	126	*
Thallium	75 - 125	15		0.044	J	12.6	115	
Vanadium	75 - 125	220	D	38	D	126.9	142	*
Zinc	75 - 125	230		71		126.9	127	*