

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51779MA No. : SDG No.: MYCZG9Matrix : 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		0.84	U	111	99	
Arsenic	75 - 125	62		6.5		45.0	124	
Barium	75 - 125	1900	D	130	D	2250	81	
Beryllium	75 - 125	58		0.47		55.5	103	
Cadmium	75 - 125	57		0.2	J	55.5	102	
Chromium	75 - 125	240		11		222	101	
Cobalt	75 - 125	480	D	14	D	556.5	83	
Copper	75 - 125	300		28		277.5	96	
Lead	75 - 125	30		10		22.5	89	
Nickel	75 - 125	470	D	14	D	556.5	81	
Selenium	75 - 125	110		2.1	U	111	99	
Silver	75 - 125	57		0.42	U	55.5	103	
Thallium	75 - 125	56		0.088	J	55.5	100	
Vanadium	75 - 125	470	D	28	D	556.5	80	
Zinc	75 - 125	640		67		556.5	104	

MYCZR8S

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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	27		0.84	U	23.1	117	
Arsenic	75 - 125	20		6.5		9.3	141	*
Barium	75 - 125	770	D	130	D	450	138	*
Beryllium	75 - 125	16		0.47		11.4	130	*
Cadmium	75 - 125	14		0.2	J	11.4	123	
Chromium	75 - 125	68		11		46.2	124	
Cobalt	75 - 125	170	D	14	D	115.5	138	*
Copper	75 - 125	95		28		57.6	116	
Lead	75 - 125	15		10		4.5	94	
Nickel	75 - 125	180	D	14	D	115.5	140	*
Selenium	75 - 125	14		2.1	U	23.1	61	*
Silver	75 - 125	15		0.42	U	11.4	130	*
Thallium	75 - 125	13		0.088	J	11.4	112	
Vanadium	75 - 125	190	D	28	D	115.5	137	*
Zinc	75 - 125	210		67		115.5	120	