

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51495

MA No. : SDG No.: MYE442

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.9

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	95		0.28	J	112.5	83	
Arsenic	75 - 125	65		29		45.0	79	
Barium	75 - 125	2200	D	98	D	2250	91	
Beryllium	75 - 125	49		0.41		57.0	85	
Cadmium	75 - 125	49		0.51		57.0	86	
Chromium	75 - 125	250		45		226.5	91	
Cobalt	75 - 125	590	D	26	D	565.5	100	
Copper	75 - 125	350		110		283.5	86	
Lead	75 - 125	57		44		22.5	57	*
Nickel	75 - 125	610	D	41	D	565.5	100	
Selenium	75 - 125	100		0.49	J	112.5	91	
Silver	75 - 125	49		0.3	J	57.0	86	
Thallium	75 - 125	44		0.098	J	57.0	78	
Vanadium	75 - 125	600	D	63	D	565.5	95	
Zinc	75 - 125	680		150		565.5	93	

MYD5E3S

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Analyte	Control Limit %R	Spiked Sample Result (SSR)	Q	Sample Result (SR)	Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	22		0.28	J	24.6	89	
Arsenic	75 - 125	39		29		9.9	106	
Barium	75 - 125	530	D	98	D	480	87	
Beryllium	75 - 125	12		0.41		12.3	90	
Cadmium	75 - 125	12		0.51		12.3	94	
Chromium	75 - 125	95		45		49.2	101	
Cobalt	75 - 125	150	D	26	D	123.3	100	
Copper	75 - 125	170		110		61.8	100	
Lead		49		44		4.8	96	
Nickel	75 - 125	170	D	41	D	123.3	100	
Selenium	75 - 125	24		0.49	J	24.6	97	
Silver	75 - 125	12		0.3	J	12.3	91	
Thallium	75 - 125	10		0.098	J	12.3	83	
Vanadium	75 - 125	180	D	63	D	123.3	97	
Zinc	75 - 125	280		150		123.3	103	