

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030Lab Code: ACE Case No.: 51817 MA No. : SDG No.: MYE5G4Matrix : Soil Analytical Method: ICP-MS% Solids: 96.1Concentration 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		0.43	J	111	95	
Arsenic	75 - 125	69		34		45.0	78	
Barium	75 - 125	2400	D	160	D	2250	100	
Beryllium	75 - 125	53		0.55		55.5	94	
Cadmium	75 - 125	53		0.71		55.5	95	
Chromium	75 - 125	250		36		222	98	
Cobalt	75 - 125	590	D	18	D	553.5	104	
Copper	75 - 125	340		87		277.5	91	
Lead	75 - 125	52		36		22.5	75	
Nickel	75 - 125	620	D	40	D	553.5	105	
Selenium	75 - 125	110		0.28	J	111	99	
Silver	75 - 125	44		0.19	J	55.5	79	
Thallium	75 - 125	54		0.18	J	55.5	97	
Vanadium	75 - 125	610	D	62	D	553.5	98	
Zinc	75 - 125	660		140		553.5	94	

MYE5G9S

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Matrix : Soil

Analytical Method: ICP-MS

% Solids: 96.1

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	35		0.43	J	27.6	125	
Arsenic	75 - 125	50		34		11.1	141	*
Barium	75 - 125	830	D	160	D	540	120	
Beryllium	75 - 125	16		0.55		13.8	114	
Cadmium	75 - 125	18		0.71		13.8	125	
Chromium	75 - 125	100		36		55.2	121	
Cobalt	75 - 125	190	D	18	D	138	124	
Copper	75 - 125	170		87		69.0	121	
Lead		47		36		5.4	205	
Nickel	75 - 125	210	D	40	D	138	125	
Selenium	75 - 125	33		0.28	J	27.6	117	
Silver	75 - 125	14		0.19	J	13.8	98	
Thallium	75 - 125	17		0.18	J	13.8	124	
Vanadium	75 - 125	230	D	62	D	138	120	
Zinc	75 - 125	310		140		138	120	