

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51817MA No. : SDG No.: MYE4F0Matrix : SoilAnalytical Method: ICP-MS% Solids: 96.6Concentration 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	120		0.83	J	121.5	96	
Arsenic	75 - 125	85		45		48.0	82	
Barium	75 - 125	2500	D	180	D	2400	96	
Beryllium	75 - 125	61		0.64		60.0	99	
Cadmium	75 - 125	59		0.55		60.0	97	
Chromium	75 - 125	280		50		243	97	
Cobalt	75 - 125	630	D	21	D	606	100	
Copper	75 - 125	370		88		303	92	
Lead	75 - 125	35		17		24.0	74	*
Nickel	75 - 125	670	D	43	D	606	104	
Selenium	75 - 125	120		0.55	J	121.5	99	
Silver	75 - 125	45		0.19	J	60.0	74	*
Thallium	75 - 125	51		0.13	J	60.0	83	
Vanadium	75 - 125	670	D	76	D	606	98	
Zinc	75 - 125	650		97		606	92	

MYE4G9S

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Matrix : Soil

Analytical Method: ICP-MS

% Solids: 96.6

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		0.83	J	23.4	112	
Arsenic		49		45		9.3	44	
Barium	75 - 125	650	D	180	D	480	100	
Beryllium	75 - 125	15		0.64		11.7	123	
Cadmium	75 - 125	14		0.55		11.7	117	
Chromium	75 - 125	97		50		46.8	101	
Cobalt	75 - 125	160	D	21	D	116.7	121	
Copper	75 - 125	140		88		58.5	86	
Lead	75 - 125	19		17		4.8	40	*
Nickel	75 - 125	190	D	43	D	116.7	122	
Selenium	75 - 125	27		0.55	J	23.4	115	
Silver	75 - 125	12		0.19	J	11.7	99	
Thallium	75 - 125	12		0.13	J	11.7	100	
Vanadium	75 - 125	210	D	76	D	116.7	111	
Zinc	75 - 125	220		97		116.7	102	