

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51772 MA No. : SDG No.: MYD9Z9
 Matrix : Soil 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	100		0.39	J	112.5	91	
Arsenic	75 - 125	98		51		45.0	102	
Barium	75 - 125	2300	D	180	D	2250	93	
Beryllium	75 - 125	52		0.55		57.0	91	
Cadmium	75 - 125	51		0.49		57.0	90	
Chromium	75 - 125	250		39		225	94	
Cobalt	75 - 125	540	D	25	D	564	91	
Copper	75 - 125	360		94		282	93	
Lead	75 - 125	38		18		22.5	91	
Nickel	75 - 125	550	D	42	D	564	90	
Selenium	75 - 125	110		0.44	J	112.5	99	
Silver	75 - 125	45		0.12	J	57.0	79	
Thallium	75 - 125	52		0.088	J	57.0	92	
Vanadium	75 - 125	630	D	130	D	564	90	
Zinc	75 - 125	620		82		564	95	

MYDA05S

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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	21		0.39	J	22.8	90	
Arsenic		62		51		9.3	120	
Barium	75 - 125	630	D	180	D	450	99	
Beryllium	75 - 125	11		0.55		11.4	93	
Cadmium	75 - 125	11		0.49		11.4	93	
Chromium	75 - 125	83		39		45.9	95	
Cobalt	75 - 125	140	D	25	D	114.6	96	
Copper	75 - 125	150		94		57.3	93	
Lead	75 - 125	22		18		4.5	90	
Nickel	75 - 125	150	D	42	D	114.6	96	
Selenium	75 - 125	26		0.44	J	22.8	113	
Silver	75 - 125	9.4		0.12	J	11.4	81	
Thallium	75 - 125	9.7		0.088	J	11.4	84	
Vanadium	75 - 125	240	D	130	D	114.6	100	
Zinc	75 - 125	190		82		114.6	91	