

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDA53

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 98.1

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	110		0.49	J	141	79	
Arsenic	75 - 125	110		58		55.5	96	
Barium	75 - 125	3000	D	240	D	2850	98	
Beryllium	75 - 125	63		0.69		70.5	88	
Cadmium	75 - 125	55		0.37	J	70.5	78	
Chromium	75 - 125	330		64		280.5	93	
Cobalt	75 - 125	720	D	33	D	702	98	
Copper	75 - 125	380		67		351	88	
Lead	75 - 125	36		14		28.5	81	
Nickel	75 - 125	740	D	55	D	702	97	
Selenium	75 - 125	140		0.23	J	141	100	
Silver	75 - 125	41		0.09	J	70.5	58	*
Thallium	75 - 125	55		0.14	J	70.5	79	
Vanadium	75 - 125	830	D	140	D	702	98	
Zinc	75 - 125	720		87		702	90	

MYDA66S

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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	25		0.49	J	25.2	97	
Arsenic		76		58		9.9	175	
Barium	75 - 125	780	D	240	D	510	106	
Beryllium	75 - 125	12		0.69		12.6	93	
Cadmium	75 - 125	13		0.37	J	12.6	98	
Chromium	75 - 125	120		64		50.1	108	
Cobalt	75 - 125	160	D	33	D	125.4	103	
Copper	75 - 125	130		67		62.7	102	
Lead	75 - 125	20		14		5.1	134	*
Nickel	75 - 125	190	D	55	D	125.4	104	
Selenium	75 - 125	26		0.23	J	25.2	103	
Silver	75 - 125	11		0.09	J	12.6	84	
Thallium	75 - 125	11		0.14	J	12.6	89	
Vanadium	75 - 125	280	D	140	D	125.4	111	
Zinc	75 - 125	210		87		125.4	100	