

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDAB3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 99.2

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	14	D	2.1	JD	29.6	39	*
Arsenic		57	D	49	D	11.86	63	
Barium	75 - 125	650	D	78	D	592	96	
Beryllium	75 - 125	14	D	0.69	D	14.82	89	
Cadmium	75 - 125	14	D	1.0	D	14.82	89	
Chromium	75 - 125	130	D	73	D	59.2	98	
Cobalt	75 - 125	190	D	48	D	148.2	93	
Copper	75 - 125	250	D	200	D	74.2	66	*
Lead		59	D	60	D	5.92	-11	
Manganese		1200	D	1100	D	148.2	56	
Nickel	75 - 125	200	D	59	D	148.2	94	
Selenium	75 - 125	14	D	4.8	UD	29.6	72	*
Silver	75 - 125	9.1	D	1.4	UD	14.82	90	
Thallium	75 - 125	6.2	D	3.4	UD	14.82	97	
Vanadium	75 - 125	260	D	130	D	148.2	89	
Zinc	75 - 125	230	D	130	D	148.2	71	*