

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDBB4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 96.9

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	26	D	1.3	JD	33.0	74	*
Arsenic	75 - 125	56	D	44	D	13.2	93	
Barium	75 - 125	1400	D	820	D	660	85	
Beryllium	75 - 125	16	D	1.3	D	16.52	88	
Cadmium	75 - 125	21	D	5.8	D	16.52	91	
Chromium	75 - 125	120	D	57	D	66.0	91	
Cobalt	75 - 125	190	D	31	D	165.2	95	
Copper		690	D	640	D	82.6	66	
Lead		150	D	140	D	6.6	53	
Manganese		4500	D	7700	D	165.2	-1953	
Nickel	75 - 125	250	D	91	D	165.2	95	
Selenium	75 - 125	23	D	5.9	UD	33.0	68	*
Silver	75 - 125	12	D	1.7	UD	16.52	86	
Thallium	75 - 125	11	D	4.2	UD	16.52	83	
Vanadium	75 - 125	210	D	65	D	165.2	90	
Zinc	75 - 125	470	D	360	D	165.2	67	*