

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMT4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86.4

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	17	3.0 J	18.7	75	
Arsenic	75 - 125	28	18	7.47	137	*
Barium	75 - 125	550	210	373	91	
Beryllium	75 - 125	8.6	0.85	9.33	83	
Cadmium	75 - 125	9.9	1.0	9.33	95	
Chromium	75 - 125	48	13	37.3	93	
Cobalt	75 - 125	100	12	93.3	99	
Copper	75 - 125	140	85	46.7	109	
Lead		290	260	3.73	798	
Manganese		1200	1000	93.3	195	
Nickel	75 - 125	110	18	93.3	101	
Selenium	75 - 125	25	10	18.7	78	
Silver	75 - 125	5.2	0.84 U	9.33	56	*
Thallium	75 - 125	5.6	2.1 U	9.33	60	*
Vanadium	75 - 125	99	16	93.3	90	
Zinc	75 - 125	360	260	93.3	106	