

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHKR0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 88.6

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	15	0.72 J	17.2	85	
Arsenic	75 - 125	25	19	6.89	86	
Barium	75 - 125	420	130	345	85	
Beryllium	75 - 125	8.7	1.3	8.62	86	
Cadmium	75 - 125	9.0	0.63	8.62	98	
Chromium	75 - 125	43	12	34.5	88	
Cobalt	75 - 125	97	11	86.2	99	
Copper	75 - 125	66	34	43.1	74	*
Lead		100	110	3.45	-164	
Manganese		480	440	86.2	46	
Nickel	75 - 125	110	24	86.2	98	
Selenium	75 - 125	18	4.7	17.2	78	
Silver	75 - 125	5.4	0.91 U	8.62	63	*
Thallium	75 - 125	3.7	2.3 U	8.62	43	*
Vanadium	75 - 125	100	25	86.2	86	
Zinc	75 - 125	210	150	86.2	71	*