

MBHHE1S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHHE1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 80.8

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	12	0.59 J	17.7	66	*
Arsenic	75 - 125	17	9.9	7.07	98	
Barium	75 - 125	440	160	354	80	
Beryllium	75 - 125	7.0	0.43	8.84	74	*
Cadmium	75 - 125	9.7	1.3	8.84	96	
Chromium	75 - 125	39	11	35.4	79	
Cobalt	75 - 125	93	7.5	88.4	97	
Copper	75 - 125	160	130	44.2	81	
Lead		130	130	3.54	217	
Manganese		910	820	88.4	110	
Nickel	75 - 125	100	18	88.4	96	
Selenium	75 - 125	12	3.0 U	17.7	68	*
Silver	75 - 125	5.0	0.85 U	8.84	57	*
Thallium	75 - 125	7.3	2.1 U	8.84	83	
Vanadium	75 - 125	85	16	88.4	78	
Zinc	75 - 125	410	340	88.4	76	