

MBHM25S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHM14

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 88.1

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	6.9	15.9	65	*
Arsenic	75 - 125	26	23	6.35	54	*
Barium	75 - 125	360	140	318	72	*
Beryllium	75 - 125	7.0	0.99	7.94	76	
Cadmium	75 - 125	8.0	0.99	7.94	89	
Chromium	75 - 125	36	11	31.8	78	
Cobalt	75 - 125	85	15	79.4	88	
Copper	75 - 125	64	39	39.7	62	*
Lead		170	200	3.18	-831	
Manganese		770	830	79.4	-72	
Nickel	75 - 125	94	24	79.4	89	
Selenium	75 - 125	25	16	15.9	55	*
Silver	75 - 125	5.7	1.3	7.94	54	*
Thallium	75 - 125	2.0 U	2.3 U	7.94	0	*
Vanadium	75 - 125	79	17	79.4	77	
Zinc	75 - 125	180	140	79.4	48	*