

MBHMM6S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMM0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86.9

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	13	1.2 J	18.1	66	*
Arsenic	75 - 125	26	22	7.25	62	*
Barium	75 - 125	440	160	362	77	
Beryllium	75 - 125	8.1	0.82	9.06	80	
Cadmium	75 - 125	9.7	1.1	9.06	95	
Chromium	75 - 125	42	12	36.2	81	
Cobalt	75 - 125	100	15	90.6	94	
Copper	75 - 125	66	36	45.3	67	*
Lead		150	170	3.62	-536	
Manganese		2400	2600	90.6	-290	
Nickel	75 - 125	110	21	90.6	95	
Selenium	75 - 125	21	11	18.1	55	*
Silver	75 - 125	3.0	1.0 U	9.06	33	*
Thallium	75 - 125	3.9	2.6 U	9.06	43	*
Vanadium	75 - 125	93	21	90.6	80	
Zinc	75 - 125	320	280	90.6	37	*