

MBHM51S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHM42

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 79.1

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	18	4.1 J	18.6	74	*
Arsenic	75 - 125	27	19	7.44	109	
Barium	75 - 125	540	240	372	83	
Beryllium	75 - 125	8.8	1.0	9.3	84	
Cadmium	75 - 125	11	1.8	9.3	95	
Chromium	75 - 125	50	17	37.2	87	
Cobalt	75 - 125	100	13	93.0	96	
Copper	75 - 125	110	75	46.5	77	
Lead		480	470	3.72	124	
Manganese		820	740	93.0	90	
Nickel	75 - 125	110	20	93.0	97	
Selenium	75 - 125	21	7.2	18.6	73	*
Silver	75 - 125	4.8	0.92 U	9.3	52	*
Thallium	75 - 125	5.0	2.3 U	9.3	54	*
Vanadium	75 - 125	96	19	93.0	83	
Zinc		460	380	93.0	77	