

MBHH91S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHH78

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 81

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	14	5.6	18.3	77	
Arsenic	75 - 125	14	7.1	7.32	98	
Barium	75 - 125	550	230	366	87	
Beryllium	75 - 125	8.4	0.47	9.14	87	
Cadmium	75 - 125	9.1	0.66	9.14	92	
Chromium	75 - 125	45	11	36.6	93	
Cobalt	75 - 125	97	8.6	91.4	97	
Copper	75 - 125	83	46	45.7	82	
Lead		480	480	3.66	35	
Manganese		560	480	91.4	81	
Nickel	75 - 125	100	13	91.4	98	
Selenium	75 - 125	12	3.3	18.3	66	*
Silver	75 - 125	5.0	0.93	9.14	55	*
Thallium	75 - 125	8.6	2.3	9.14	94	
Vanadium	75 - 125	95	14	91.4	89	
Zinc	75 - 125	280	210	91.4	75	