

MBHJ13S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHHZ4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 90.8

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	13	5.2 U	17.9	73	*
Arsenic	75 - 125	8.9	2.6	7.16	89	
Barium	75 - 125	340	15 J	358	91	
Beryllium	75 - 125	8.1	0.16 J	8.95	89	
Cadmium	75 - 125	8.8	0.52	8.95	93	
Chromium	75 - 125	38	4.4	35.8	93	
Cobalt	75 - 125	93	6.1	89.5	98	
Copper	75 - 125	46	7.8	44.8	85	
Lead		48	43	3.58	122	
Manganese		700	590	89.5	119	
Nickel	75 - 125	97	9.5	89.5	98	
Selenium	75 - 125	9.0	3.1 U	17.9	50	*
Silver	75 - 125	6.7	0.87 U	8.95	75	
Thallium	75 - 125	9.0	1.2 J	8.95	87	
Vanadium	75 - 125	84	3.6 J	89.5	90	
Zinc	75 - 125	170	99	89.5	82	