

MBHJ49S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJ49

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 90.2

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	15	5.7 U	19.6	76	
Arsenic	75 - 125	10	2.6	7.85	97	
Barium	75 - 125	430	24	392	103	
Beryllium	75 - 125	9.0	0.23 J	9.81	89	
Cadmium	75 - 125	10	0.53	9.81	98	
Chromium	75 - 125	46	7.8	39.2	96	
Cobalt	75 - 125	99	7.7	98.1	93	
Copper	75 - 125	53	7.1	49.1	94	
Lead		35	30	3.92	125	
Manganese		920	810	98.1	115	
Nickel	75 - 125	100	8.4	98.1	97	
Selenium	75 - 125	11	3.3 U	19.6	56	*
Silver	75 - 125	7.6	0.95 U	9.81	77	
Thallium	75 - 125	14	3.5	9.81	102	
Vanadium	75 - 125	110	6.6	98.1	101	
Zinc	75 - 125	180	91	98.1	89	