

MBHL82S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHL80

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 90.9

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	15	0.63 J	18.6	76	
Arsenic	75 - 125	13	5.0	7.46	105	
Barium	75 - 125	340	26	373	84	
Beryllium	75 - 125	8.2	0.38 J	9.32	84	
Cadmium	75 - 125	9.3	0.26 J	9.32	97	
Chromium	75 - 125	37	5.0	37.3	85	
Cobalt	75 - 125	100	9.6	93.2	98	
Copper	75 - 125	61	22	46.6	85	
Lead		22	15	3.73	174	
Manganese		900	690	93.2	225	
Nickel	75 - 125	100	11	93.2	99	
Selenium	75 - 125	17	2.7	18.6	75	
Silver	75 - 125	6.2	0.33 J	9.32	63	*
Thallium	75 - 125	6.5	2.0 U	9.32	70	*
Vanadium	75 - 125	90	10	93.2	86	
Zinc	75 - 125	130	47	93.2	88	