

MBHN39S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMZ9

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 95.6

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	6.0	14.9	79	
Arsenic	75 - 125	18	11	5.98	103	
Barium	75 - 125	300	49	299	84	
Beryllium	75 - 125	6.9	0.43	7.47	86	
Cadmium	75 - 125	7.4	0.19 J	7.47	96	
Chromium	75 - 125	58	34	29.9	79	
Cobalt	75 - 125	83	10	74.7	98	
Copper	75 - 125	100	74	37.4	72	*
Lead		17	15	2.99	75	
Manganese		560	520	74.7	48	
Nickel	75 - 125	91	18	74.7	97	
Selenium	75 - 125	19	7.7	14.9	75	
Silver	75 - 125	5.3	0.57 J	7.47	63	*
Thallium	75 - 125	3.6	2.0 U	7.47	48	*
Vanadium	75 - 125	100	37	74.7	86	
Zinc	75 - 125	110	58	74.7	75	