

MBHMQ3S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMQ0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 83.5

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	17	3.8 J	19.3	66	*
Arsenic	75 - 125	40	28	7.73	155	*
Barium	75 - 125	380	80	386	77	
Beryllium	75 - 125	8.5	1.2	9.66	75	
Cadmium	75 - 125	10	0.78	9.66	97	
Chromium	75 - 125	44	12	38.6	83	
Cobalt	75 - 125	120	23	96.6	102	
Copper	75 - 125	110	65	48.3	96	
Lead		94	79	3.86	368	
Manganese		2100	1800	96.6	269	
Nickel	75 - 125	130	25	96.6	104	
Selenium	75 - 125	30	16	19.3	72	*
Silver	75 - 125	4.4	0.87 U	9.66	46	*
Thallium	75 - 125	4.4	2.2 U	9.66	46	*
Vanadium	75 - 125	90	13	96.6	80	
Zinc	75 - 125	190	110	96.6	84	