

MBHNE7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMY5

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 85.5

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	11	5.2	18.3	60	*
Arsenic	75 - 125	11	5.9	7.3	64	*
Barium	75 - 125	290	50	370	65	*
Beryllium	75 - 125	7.3	0.49	9.1	75	
Cadmium	75 - 125	8.8	0.56	9.1	91	
Chromium	75 - 125	41	12	36.5	79	
Cobalt	75 - 125	92	9.4	91.4	91	
Copper	75 - 125	47	15	45.7	71	*
Lead		21	17	3.7	105	
Manganese		1100	1000	91.4	76	
Nickel	75 - 125	99	16	91.4	91	
Selenium	75 - 125	15	3.5	18.3	61	*
Silver	75 - 125	3.1	0.87	9.1	34	*
Thallium	75 - 125	7.9	2.2	9.1	87	
Vanadium	75 - 125	87	18	91.4	75	
Zinc	75 - 125	110	33	91.4	79	