

MBHMP0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMN6

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 79.2

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	18	3.9 J	19.7	72	*
Arsenic	75 - 125	24	14	7.89	128	*
Barium	75 - 125	490	170	395	81	
Beryllium	75 - 125	8.3	0.78	9.86	76	
Cadmium	75 - 125	10	0.89	9.86	92	
Chromium	75 - 125	44	12	39.5	82	
Cobalt	75 - 125	100	5.0	98.6	96	
Copper	75 - 125	62	20	49.3	85	
Lead		140	120	3.95	445	
Manganese		1700	1500	98.6	237	
Nickel	75 - 125	110	16	98.6	98	
Selenium	75 - 125	24	10	19.7	72	*
Silver	75 - 125	6.5	0.66 J	9.86	59	*
Thallium	75 - 125	6.3	2.2 U	9.86	64	*
Vanadium	75 - 125	97	18	98.6	80	
Zinc	75 - 125	210	130	98.6	82	