

MBHK22S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJJ2

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 84.4

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	7.2	5.7 U	20.3	36	*
Arsenic	75 - 125	29	20	8.1	116	
Barium	75 - 125	630	280	405	86	
Beryllium	75 - 125	9.1	0.81	10.13	82	
Cadmium	75 - 125	11	1.1	10.13	95	
Chromium	75 - 125	50	15	40.5	86	
Cobalt	75 - 125	110	12	101	96	
Copper	75 - 125	97	55	50.6	82	
Lead		530	510	4.05	435	
Manganese		900	790	101	114	
Nickel	75 - 125	120	17	101	98	
Selenium	75 - 125	23	9.5	20.3	67	*
Silver	75 - 125	3.6	0.96 U	10.13	36	*
Thallium	75 - 125	4.1	2.4 U	10.13	40	*
Vanadium	75 - 125	110	22	101	85	
Zinc	75 - 125	330	260	101	73	*