

MBHK72S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHK55

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86.8

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	16	1.6	19.2	76	
Arsenic	75 - 125	19	11	7.68	104	
Barium	75 - 125	460	160	384	79	
Beryllium	75 - 125	8.8	1.1	9.6	80	
Cadmium	75 - 125	9.8	0.78	9.6	94	
Chromium	75 - 125	43	11	38.4	82	
Cobalt	75 - 125	100	6.8	96.0	97	
Copper	75 - 125	53	18	48.0	73	*
Lead		90	89	3.84	31	
Manganese		1900	1900	96.0	65	
Nickel	75 - 125	110	17	96.0	97	
Selenium	75 - 125	22	9.0	19.2	70	*
Silver	75 - 125	6.0	0.39	9.6	58	*
Thallium	75 - 125	4.0	2.4	9.6	42	*
Vanadium	75 - 125	93	16	96.0	80	
Zinc	75 - 125	140	65	96.0	75	