

MBHK84S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHK83

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 80.1

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	21		3.1	J	21.2	85	
Arsenic	75 - 125	26		16		8.46	112	
Barium	75 - 125	470		83		423	92	
Beryllium	75 - 125	11		1.5		10.58	90	
Cadmium	75 - 125	11		0.64		10.58	97	
Chromium	75 - 125	58		17		42.3	97	
Cobalt	75 - 125	110		4.5	J	106	100	
Copper	75 - 125	64		19		52.9	84	
Lead		99		92		4.23	156	
Manganese		810		700		106	109	
Nickel	75 - 125	130		19		106	101	
Selenium	75 - 125	29		11		21.2	85	
Silver	75 - 125	7.0		1.0	U	10.58	66	*
Thallium	75 - 125	2.7	U	2.5	U	10.58	0	*
Vanadium	75 - 125	120		24		106	92	
Zinc	75 - 125	220		120		106	92	