

MBHK97S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHK93

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 69.2

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	19	1.8 J	20.6	81	
Arsenic	75 - 125	18	9.4	8.26	98	
Barium	75 - 125	550	180	413	90	
Beryllium	75 - 125	10	0.65	10.32	91	
Cadmium	75 - 125	11	0.99	10.32	98	
Chromium	75 - 125	55	15	41.3	97	
Cobalt	75 - 125	130	13	103	113	
Copper	75 - 125	77	33	51.6	85	
Lead		330	360	4.13	-789	
Manganese		960	960	103	-4	
Nickel	75 - 125	130	22	103	104	
Selenium	75 - 125	14	4.0 U	20.6	68	*
Silver	75 - 125	6.6	1.2 U	10.32	64	*
Thallium	75 - 125	13	2.8 J	10.32	99	
Vanadium	75 - 125	110	15	103	92	
Zinc	75 - 125	270	210	103	57	*