

MBHKQ6S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHK12

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 83.5

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	13	0.56 J	16.2	76	
Arsenic	75 - 125	13	8.7	6.47	66	*
Barium	75 - 125	450	180	324	82	
Beryllium	75 - 125	7.5	0.64	8.09	85	
Cadmium	75 - 125	8.3	0.84	8.09	92	
Chromium	75 - 125	41	12	32.4	90	
Cobalt	75 - 125	88	8.5	80.9	98	
Copper	75 - 125	75	44	40.5	77	
Lead		370	380	3.24	-383	
Manganese		1100	1100	80.9	27	
Nickel	75 - 125	100	22	80.9	96	
Selenium	75 - 125	12	2.9 U	16.2	74	*
Silver	75 - 125	5.8	0.83 U	8.09	72	*
Thallium	75 - 125	5.5	2.1 U	8.09	68	*
Vanadium	75 - 125	82	15	80.9	83	
Zinc	75 - 125	200	150	80.9	66	*