

MBHKJ7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHKJ1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 94.7

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	15	0.63 J	18.4	78	
Arsenic	75 - 125	13	5.5	7.35	102	
Barium	75 - 125	390	58	367	91	
Beryllium	75 - 125	8.5	0.35 J	9.18	89	
Cadmium	75 - 125	9.3	0.34 J	9.18	98	
Chromium	75 - 125	39	5.9	36.7	91	
Cobalt	75 - 125	100	10	91.8	97	
Copper	75 - 125	63	24	45.9	83	
Lead		20	16	3.67	90	
Manganese		790	710	91.8	82	
Nickel	75 - 125	100	11	91.8	99	
Selenium	75 - 125	11	3.2 U	18.4	60	*
Silver	75 - 125	5.7	0.91 U	9.18	62	*
Thallium	75 - 125	12	3.1	9.18	95	
Vanadium	75 - 125	94	9.7	91.8	92	
Zinc	75 - 125	110	34	91.8	78	