

MBHKD6S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHKD6

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 88.4

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	5.1 U	19.0	79	
Arsenic	75 - 125	10	2.1	7.6	104	
Barium	75 - 125	430	75	380	93	
Beryllium	75 - 125	9.2	0.35 J	9.51	93	
Cadmium	75 - 125	9.3	0.26 J	9.51	96	
Chromium	75 - 125	45	7.2	38.0	99	
Cobalt	75 - 125	100	8.5	95.1	100	
Copper	75 - 125	55	13	47.5	88	
Lead		28	21	3.8	172	
Manganese		820	650	95.1	171	
Nickel	75 - 125	110	13	95.1	102	
Selenium	75 - 125	12	3.0 U	19.0	63	*
Silver	75 - 125	7.1	0.84 U	9.51	75	
Thallium	75 - 125	9.4	0.64 J	9.51	93	
Vanadium	75 - 125	100	13	95.1	94	
Zinc	75 - 125	120	36	95.1	84	