

MBHM88S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHM70

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 79.7

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	18	2.8 J	20.2	77	
Arsenic	75 - 125	21	15	8.09	77	
Barium	75 - 125	420	73	405	86	
Beryllium	75 - 125	9.8	0.89	10.12	88	
Cadmium	75 - 125	9.5	0.27 J	10.12	91	
Chromium	75 - 125	46	8.3	40.5	92	
Cobalt	75 - 125	100	8.6	101	93	
Copper	75 - 125	59	16	50.6	84	
Lead		83	90	4.05	-171	
Manganese	75 - 125	300	230	101	63	*
Nickel	75 - 125	110	15	101	94	
Selenium	75 - 125	21	5.9	20.2	72	*
Silver	75 - 125	5.5	1.2 U	10.12	54	*
Thallium	75 - 125	7.0	2.9 U	10.12	69	*
Vanadium	75 - 125	100	17	101	86	
Zinc	75 - 125	140	60	101	74	*