

MBHN81S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMZ2

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 82.1

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	5.8 U	23.4	64	*
Arsenic	75 - 125	13	5.5	9.4	82	
Barium	75 - 125	420	66	470	76	
Beryllium	75 - 125	10	0.4 J	11.7	82	
Cadmium	75 - 125	13	0.56	11.7	102	
Chromium	75 - 125	57	14	46.8	92	
Cobalt	75 - 125	130	8.4	120	101	
Copper	75 - 125	63	15	58.6	81	
Lead		76	58	4.7	369	
Manganese	75 - 125	550	400	120	124	
Nickel	75 - 125	140	20	120	103	
Selenium	75 - 125	20	3.2 J	23.4	70	*
Silver	75 - 125	5.0	0.97 U	11.7	43	*
Thallium	75 - 125	12	2.4 U	11.7	103	
Vanadium	75 - 125	110	15	120	79	
Zinc	75 - 125	200	75	120	100	