

MBHN82S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHN53

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 70.9

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	14	6.9 U	20.4	69	*
Arsenic	75 - 125	16	11	8.2	60	*
Barium	75 - 125	470	160	410	75	
Beryllium	75 - 125	8.8	0.54 J	10.2	81	
Cadmium	75 - 125	11	1.6	10.2	94	
Chromium	75 - 125	54	20	40.9	83	
Cobalt	75 - 125	110	10	100	98	
Copper	75 - 125	92	60	51.1	64	*
Lead		360	400	4.1	-1012	
Manganese		950	950	100	-3	
Nickel	75 - 125	120	26	100	97	
Selenium	75 - 125	18	3.7 J	20.4	70	*
Silver	75 - 125	5.2	1.2 U	10.2	51	*
Thallium	75 - 125	9.8	2.9 U	10.2	96	
Vanadium	75 - 125	100	18	100	82	
Zinc	75 - 125	430	380	100	49	*