

MBHJ01S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJ01

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	13	6.4 U	18.5	70	*
Arsenic	75 - 125	10	4.7	7.38	75	
Barium	75 - 125	360	30	369	90	
Beryllium	75 - 125	8.5	0.26 J	9.23	89	
Cadmium	75 - 125	9.0	0.81	9.23	89	
Chromium	75 - 125	42	8.4	36.9	90	
Cobalt	75 - 125	95	7.8	92.3	94	
Copper	75 - 125	58	21	46.1	80	
Lead		110	130	3.69	-458	
Manganese		830	870	92.3	-44	
Nickel	75 - 125	100	16	92.3	92	
Selenium	75 - 125	10	3.7 U	18.5	54	*
Silver	75 - 125	7.0	0.15 J	9.23	74	*
Thallium	75 - 125	9.2	1.2 J	9.23	87	
Vanadium	75 - 125	89	6.6	92.3	89	
Zinc	75 - 125	230	180	92.3	56	*