

MBHJ88S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJ70

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 83.6

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	16	3.2 J	17.1	72	*
Arsenic	75 - 125	14	7.6	6.84	96	
Barium	75 - 125	470	170	342	89	
Beryllium	75 - 125	7.8	0.92	8.54	80	
Cadmium	75 - 125	9.0	1.1	8.54	93	
Chromium	75 - 125	45	16	34.2	84	
Cobalt	75 - 125	90	14	85.4	90	
Copper	75 - 125	66	34	42.7	76	
Lead		82	81	3.42	32	
Manganese		710	660	85.4	63	
Nickel	75 - 125	110	30	85.4	92	
Selenium	75 - 125	12	3.0 U	17.1	70	*
Silver	75 - 125	4.6	0.87 U	8.54	54	*
Thallium	75 - 125	9.9	1.1 J	8.54	103	
Vanadium	75 - 125	97	22	85.4	87	
Zinc	75 - 125	200	140	85.4	74	*