

MBHLG4S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLG0

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 88.6

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	15	3.2 J	16.7	71	*
Arsenic	75 - 125	18	11	6.69	102	
Barium	75 - 125	370	120	334	76	
Beryllium	75 - 125	6.7	0.6	8.36	73	*
Cadmium	75 - 125	8.7	0.77	8.36	95	
Chromium	75 - 125	53	27	33.4	80	
Cobalt	75 - 125	93	11	83.6	98	
Copper	75 - 125	51	23	41.8	68	*
Lead		140	130	3.34	55	
Manganese		820	770	83.6	63	
Nickel	75 - 125	99	20	83.6	94	
Selenium	75 - 125	16	5.0	16.7	65	*
Silver	75 - 125	4.1	0.84 U	8.36	49	*
Thallium	75 - 125	4.2	2.1 U	8.36	50	*
Vanadium	75 - 125	77	15	83.6	74	*
Zinc	75 - 125	140	87	83.6	68	*