

MBHLE8S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLD9

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 78.9

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	17	1.2 J	22.4	68	*
Arsenic	75 - 125	34	21	8.97	140	*
Barium	75 - 125	720	300	449	94	
Beryllium	75 - 125	10	0.83	11.2	83	
Cadmium	75 - 125	12	1.1	11.2	99	
Chromium	75 - 125	78	35	44.9	96	
Cobalt	75 - 125	120	11	112	101	
Copper	75 - 125	110	58	56.1	91	
Lead		510	450	4.49	1340	
Manganese		1200	960	112	198	
Nickel	75 - 125	140	20	112	104	
Selenium	75 - 125	26	9.3	22.4	72	*
Silver	75 - 125	3.9	1.0 U	11.2	35	*
Thallium	75 - 125	3.9	2.5 U	11.2	35	*
Vanadium	75 - 125	120	18	112	89	
Zinc	75 - 125	420	300	112	103	