

MBHLZ4S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLZ4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 79.9

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	16	3.6 J	16.9	71	*
Arsenic	75 - 125	24	20	6.77	60	*
Barium	75 - 125	390	140	338	76	
Beryllium	75 - 125	7.3	0.76	8.46	77	
Cadmium	75 - 125	8.7	0.71	8.46	94	
Chromium	75 - 125	45	17	33.8	81	
Cobalt	75 - 125	96	13	84.6	97	
Copper	75 - 125	58	30	42.3	67	*
Lead		140	160	3.38	-657	
Manganese		760	820	84.6	-73	
Nickel	75 - 125	99	19	84.6	94	
Selenium	75 - 125	18	7.3	16.9	63	*
Silver	75 - 125	4.6	1.0 U	8.46	54	*
Thallium	75 - 125	2.7	2.5 U	8.46	32	*
Vanadium	75 - 125	83	19	84.6	76	
Zinc	75 - 125	150	95	84.6	59	*