

MBHDD0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51698

MA No. : SDG No.: MBHCY5

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 84.4

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	8.1	6.1	16.8	48	*
Arsenic	75 - 125	1.3	1.0	6.72	19	*
Barium	75 - 125	340	81	336	76	
Beryllium	75 - 125	8.3	0.7	8.4	91	
Cadmium	75 - 125	8.9	1.2	8.4	92	
Chromium		180	240	33.6	-188	
Cobalt	75 - 125	110	26	84.0	95	
Copper	75 - 125	74	30	42.0	104	
Lead		12	18	3.36	-197	
Manganese		480	520	84.0	-54	
Nickel	75 - 125	280	280	84.0	-0	*
Selenium	75 - 125	11	3.6	16.8	65	*
Silver	75 - 125	5.3	0.12	8.4	62	*
Thallium	75 - 125	0.91 J	2.6	8.4	11	*
Vanadium	75 - 125	180	83	84.0	115	
Zinc	75 - 125	120	70	84.0	56	*