

MBHJF7S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHHY3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 75.4

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	16	2.3 J	18.7	75	
Arsenic	75 - 125	13	6.4	7.47	94	
Barium	75 - 125	450	120	374	90	
Beryllium	75 - 125	8.7	0.79	9.34	85	
Cadmium	75 - 125	9.6	0.86	9.34	94	
Chromium	75 - 125	48	16	37.4	86	
Cobalt	75 - 125	97	13	93.4	90	
Copper	75 - 125	60	23	46.7	78	
Lead		66	75	3.74	-228	
Manganese		590	620	93.4	-32	
Nickel	75 - 125	110	27	93.4	91	
Selenium	75 - 125	13	3.8 U	18.7	70	*
Silver	75 - 125	6.0	1.1 U	9.34	64	*
Thallium	75 - 125	11	2.2 J	9.34	94	
Vanadium	75 - 125	110	20	93.4	91	
Zinc	75 - 125	210	160	93.4	51	*