

MBHJR3S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJF5

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 80.2

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	11	4.0 J	20.3	36	*
Arsenic		22	33	8.11	-131	
Barium	75 - 125	540	170	405	92	
Beryllium	75 - 125	8.7	0.73	10.14	79	
Cadmium	75 - 125	11	1.1	10.14	95	
Chromium	75 - 125	48	12	40.5	89	
Cobalt	75 - 125	110	12	101	93	
Copper	75 - 125	82	49	50.7	64	*
Lead		200	220	4.05	-403	
Manganese		880	580	101	292	
Nickel	75 - 125	130	25	101	98	
Selenium	75 - 125	14	2.1 J	20.3	58	*
Silver	75 - 125	8.0	0.88 U	10.14	79	
Thallium	75 - 125	11	2.2 U	10.14	109	
Vanadium	75 - 125	110	27	101	79	
Zinc	75 - 125	260	190	101	69	*