

MBHJP5S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHJM6

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 88.5

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	8.8	3.1 J	17.3	33	*
Arsenic	75 - 125	15	8.2	6.9	97	
Barium	75 - 125	360	82	345	81	
Beryllium	75 - 125	7.5	0.63	8.63	79	
Cadmium	75 - 125	9.0	0.62	8.63	97	
Chromium	75 - 125	40	11	34.5	82	
Cobalt	75 - 125	95	13	86.3	95	
Copper	75 - 125	47	11	43.1	83	
Lead		37	33	3.45	137	
Manganese		540	590	86.3	-50	
Nickel	75 - 125	100	20	86.3	96	
Selenium	75 - 125	12	0.9 J	17.3	62	*
Silver	75 - 125	5.6	0.96 U	8.63	65	*
Thallium	75 - 125	8.7	2.4 U	8.63	101	
Vanadium	75 - 125	88	17	86.3	82	
Zinc	75 - 125	190	120	86.3	74	*