

MBHL52S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHKZ3

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 85.3

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		1.3	J	18.9	78	
Arsenic	75 - 125	15		8.7		7.56	77	
Barium	75 - 125	390		78		378	83	
Beryllium	75 - 125	8.7		0.71		9.45	85	
Cadmium	75 - 125	9.2		0.33	J	9.45	94	
Chromium	75 - 125	39		8.0		37.8	82	
Cobalt	75 - 125	100		13		94.5	94	
Copper	75 - 125	54		18		47.3	75	
Lead		29		28		3.78	28	
Manganese		620		580		94.5	33	
Nickel	75 - 125	100		13		94.5	95	
Selenium	75 - 125	17		4.2		18.9	68	*
Silver	75 - 125	6.6		0.68	J	9.45	62	*
Thallium	75 - 125	5.4		2.6	U	9.45	57	*
Vanadium	75 - 125	94		13		94.5	86	
Zinc	75 - 125	100		32		94.5	73	*