

MBHCN0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51698

MA No. : SDG No.: MBHCJ7

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 85.6

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	7.9		5.2	U	15.7	50	*
Arsenic	75 - 125	5.6		0.86	U	6.27	89	
Barium	75 - 125	390		60		314	106	
Beryllium	75 - 125	8.0		0.67		7.84	93	
Cadmium	75 - 125	8.5		1.2		7.84	94	
Chromium		260		490		31.4	-747	
Cobalt	75 - 125	100		48		78.4	71	*
Copper	75 - 125	77		27		39.2	127	*
Lead		18		15		3.14	82	
Manganese		470		540		78.4	-80	
Nickel		560	D	460	D	78.4	125	
Selenium	75 - 125	13		3.0	U	15.7	83	
Silver	75 - 125	8.9		0.86	U	7.84	114	
Thallium	75 - 125	3.9		2.2	U	7.84	50	*
Vanadium	75 - 125	130		69		78.4	79	
Zinc	75 - 125	120		52		78.4	87	