

The Potential of Natural Products in Control of Domestic Rodents and Their Zoonotic Diseases

A thesis Submitted
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List of Abbreviations

μl	Microliter
65%CC	B. 1
65%CCP	B. 4
65%CCW	B. 3
65%DLCC	B. 9
65%DLRS	B. 7
65%DLSCB	B. 8
65%RS	B. 6
65%SCB	B. 5
90%CC	B. 2
ANOVA	Analysis of Variance
BA	Bait acceptance
BW	Body weight
CC	Corn cob
CCP	Corn cob pith fraction
CCW	Corn cob woody-ring portion
CDB	Consumed dose of bait
cELISA	Competitive enzyme-linked immunosorbent assay
cm	Centimeter
CRT	Cross-species transmission
CFU	Colony-forming unit
DD	Days to death
DLCC	Delignified corn cob

DLRS	Delignified rice straw
DLSCB	Delignified sugar cane bagasse
DMSO	Dimethyl sulfoxide
EGEO	<i>Eucalyptus globulus</i> essential oil
ELISA	Enzyme-linked immunosorbent assay
EOs	Essential oils
Fig.	Figure
g	gram
GC-MS	Gas Chromatography-Mass spectrometer
h	Hour
in	Inch
IC ₅₀	50% Inhibitory concentration
LGEO	lemongrass essential oil
MAT	Microscopic agglutination test
MBC	Minimum bactericidal concentration
mg	Milligram
MIC	Minimum inhibitory concentration
Min.	Minute
ml	Milliliter
NaOH	Sodium hydroxide
OD	Optical densities
OMEEO	<i>Origanum majorana</i> essential oil
<i>R. norvegicus</i>	<i>Rattus norvegicus</i>
<i>R. rattus</i>	<i>Rattus rattus</i>
RI	Retention index