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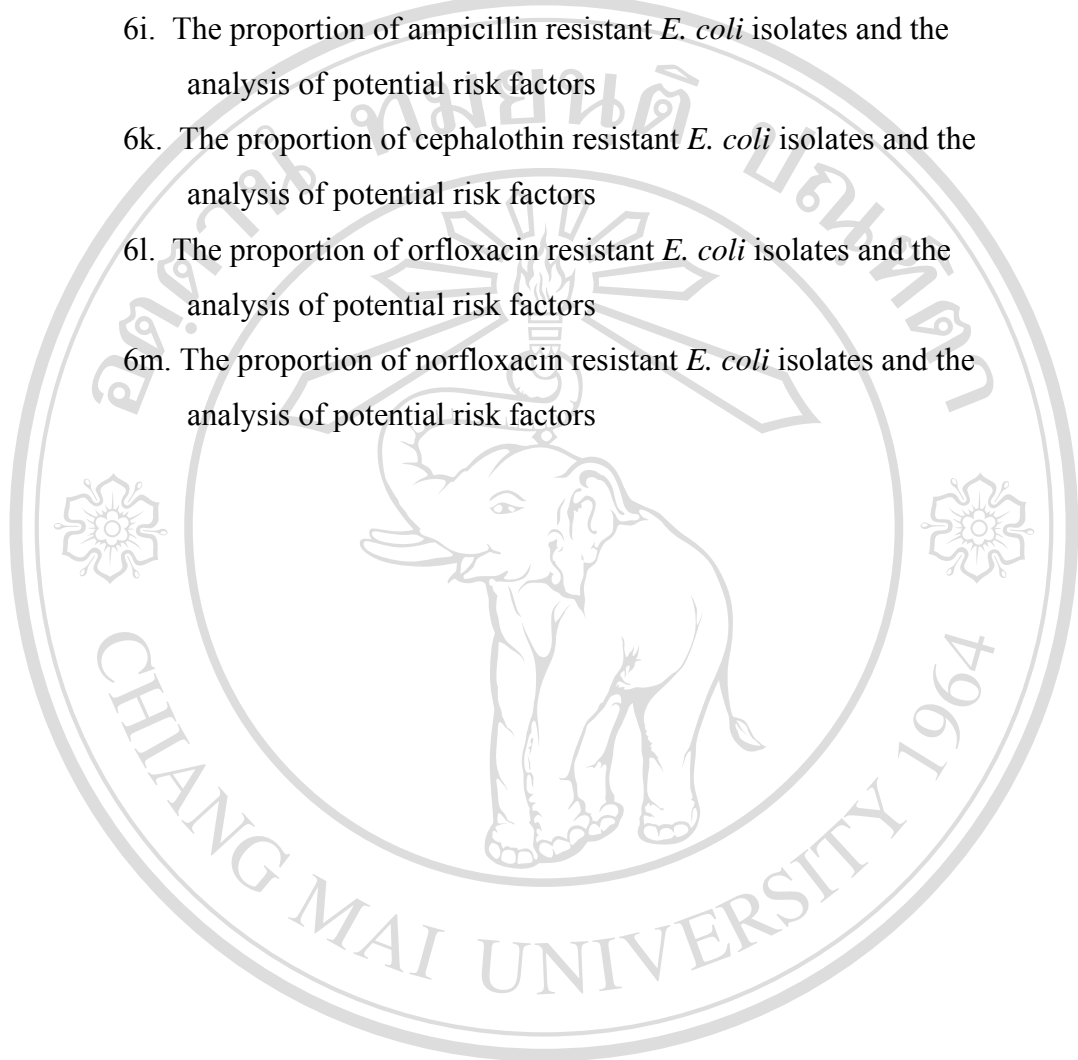
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ABBREVIATIONS AND SYMBOLS

AOAC	Association of Official Analytical Chemists
APHCA	Animal Production and Health Commission for Asia and the Pacific
APUA	Alliance for the Prudent Use of Antibiotics
CCTYHN	Hanoi Sub-Department of Animal Health
CDC	Centres for Disease Control and Prevention
CI	Confidence Interval
D.C.	District of Columbia
DAH	Department of Animal Health of Vietnam
DNA	DeoxyriboNucleic Acid
<i>E. coli</i>	<i>Escherichia coli</i>
EARSS	European Antimicrobial Resistance Surveillance System
EHEC	Enterohemorrhagic <i>E.coli</i>
ESBL	Extended-spectrum β -lactamase
EU	European Union
FAO	Food and Agriculture Organization
FAO-RAP	FAO Regional Office for Asia and the Pacific
FAO-STAT	FAO statistical database
FDA	Food and Drug Administration
FEMS	Federation of European Microbiological Societies
GAIN	Global Agriculture Information Network
GDP	Gross Domestic Products
GHP	Good Husbandry Practice
GSO	General Statistics Office of Vietnam
GVH	Good Veterinary Practice
ICMSF	International Commission on Microbiological Specifications for Foods
ILRI	International Livestock Research Institute
IMViC	Indole, Methyl red, Voges-Proskauer, and Citrate

ISO	International Organisation of Standardization
ITPC	Investment and Trade Promotion Centre
IVIS	International Veterinary Information Service
L-EMB	Levine's Eosin–Methylene Blue
LST	Lauryl Sulfate Tryptose
MARD	Ministry of Agriculture and Rural Development of Vietnam
MBA	Minimum bactericidal concentration
MBC	Minimum bactericidal concentration
MIC	Minimum Inhibitory Concentration
MU	4-methylumbelliferone
MUG	4-methylumbelliferyl β -D-glucuronide
NA	Nutrient agar
NARMS	National Antimicrobial Resistance Monitoring System
NCCLS	National Committee on Clinical Laboratory Standards
NZSA	New Zealand Food Safety Authority
OIE	World Organization of Animal Health
OR	Odds ratio
PCA	Plate count agar
PW	Peptone water
SDAH	Sub-Department of Animal Health
SENTRY-ASP	SENTRY Antimicrobial Surveillance Program
SPSS	Statistical Package for Social Sciences
TSB	Tryptic soy broth
UK	United Kingdom
UN	United Nations
USA	United States of America
USDA	United States Department of Agriculture
UV	Ultraviolet
VNARM	Vietnam National Antimicrobial Resistance Monitoring System

WHO	World Health Organization
%	Percentage
<	Less than
>	More than
≤	Less than and equal
≥	More than and equal
μg	Microgram
a_w	Water activity
cfu	Colony forming unit
e.g.	Example
et al.	Et alia
g	Gram
i.e.	Id est (that means)
kg	Kilogram
ml	Millilitre
mm	Millimetre
mt	Metric ton
°C	Degree Celsius
p	Probability representing the significance level of test
pH	Acidity
α	Alpha
β	Beta

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