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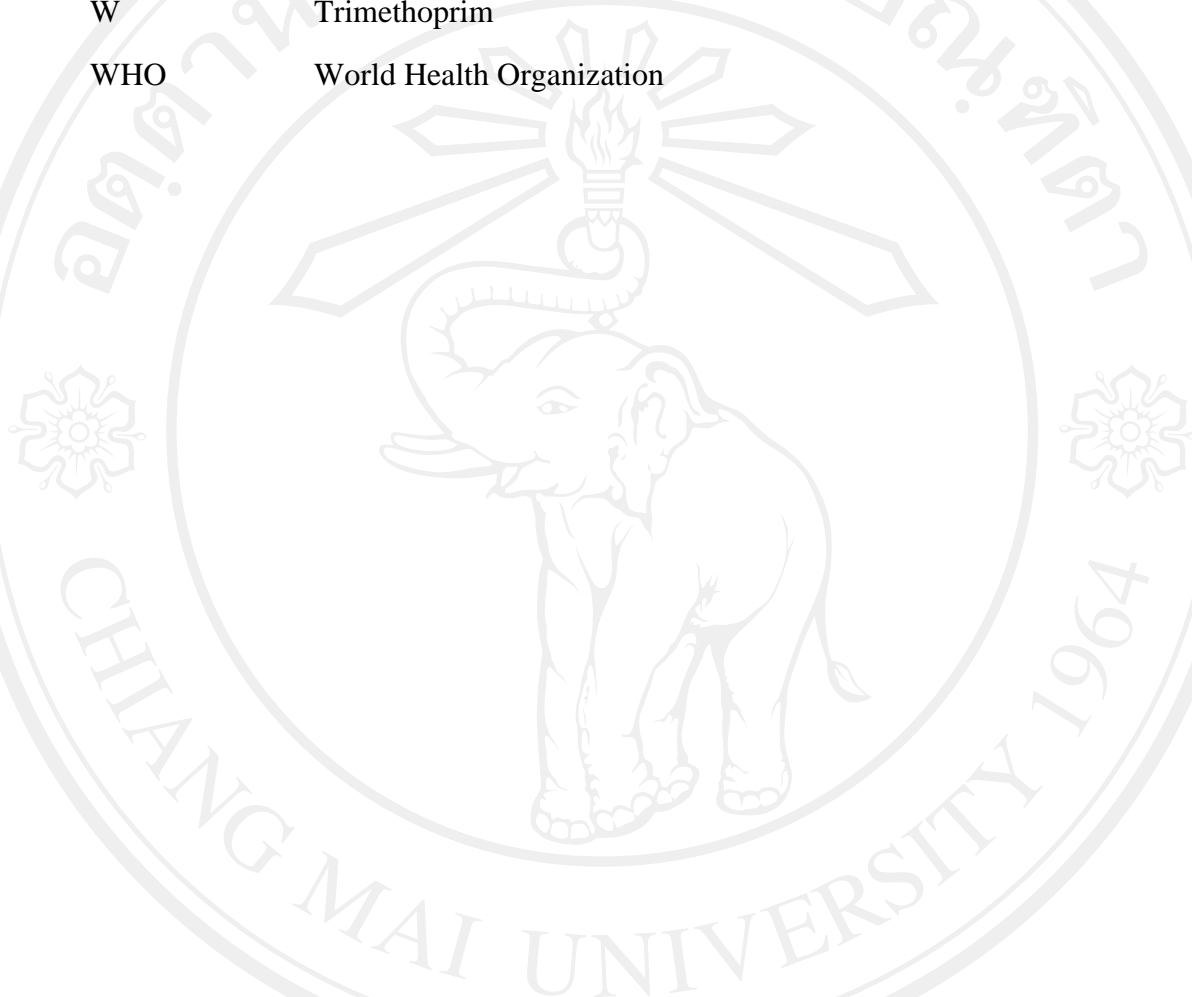
ABBREVIATIONS AND SYMBOLS

AABP	American Association of Bovine Practitioners
AMC	amoxicillin with clavulanic acid
AMP	ampicillin
AMR	Antimicrobial resistance
ATCC	American Type Culture Collection
AVMA	American Veterinary Medical Association
AZM	Aztreonam
BAP	blood agar plates
BHI	Brain heart infusion
°C	Degree Celcius
C	chloramphenicol
CAZ	ceftazidime
CIP	ciprofloxacin
CLSI	The Clinical and Laboratory Standard Institute
CN	GentamincinCTX cefotaxime
CXM	cefuroxime
d	day
DNA	Deoxyribonucleic acid
<i>E. coli</i>	<i>Escherichia coli</i>
EFSA	The European Food Safety Authority
EFT	ceftiofur
EMA	The European Agency for the Evaluation of Medicinal Products
ERY	erythromycin

ESBLs	Extended-spectrum beta-lactamases
et al.	et alii or and other people
EU	The European Union
FAO	Food and Agriculture Organization of the United Nations
FED	cefepime
FOX	cefoxitin
GERMAP	The German Network of Antimicrobial Resistance Surveillance
h	hours
I	intermediate
IMM	intramammary
IMP	imipenem
K	kanamycin
kg	kilogram
LB	Luria-Bertani
LS	Lauryl Sulfate
LZD	Linezolid
µg	microgram
µl	microliter
ml	milliliter
min	minute
MAC	MacConkey
MAC-CTX	MacConkey agar containing 2 mg/L cefotaxime
MDR	Multidrug resistance
MHA	Mueller Hinton Agar
MHB	Mueller Hinton Broth
MIC	Minimum inhibitory concentrations
MOA	Ministry of Agriculture

MOH	Ministry of Health
n	number of samples
NA	nalidixic acid
OIE	Office international des epizooties (World Organisation for Animal Health)
OXA	oxacillin
PBP	penicillin-binding protein
PCR	Polymerase chain reaction
PFGE	pulsed field gel electrophoresis
PIP	piperacillin
R	resistant
RDD	recommended daily doses
S	streptomycin
SARI	Surveillance of Antibiotic consumption and Resistance in Intensive care
<i>S. aureus</i>	<i>Staphylococcus aureus</i>
SCC	somatic cell count
SMZ	sulfamethoxazole
SPE	spectinomycin
SRB	Swedish Red & White or Swedish Red Breed
SU	sulfonamide
SXT	sulfametoxazole and trimethoprim
t	ton
TE	tetracycline
TIC	ticarcillin
TSA	Tryptone Soy Agar
USDA	United States Department of Agriculture
VAN	vancomycin

VCIA	Veterinary Critically Important Antimicrobials
VHIA	Veterinary Highly Important Antimicrobials
VIA	Veterinary Important Antimicrobials
W	Trimethoprim
WHO	World Health Organization



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