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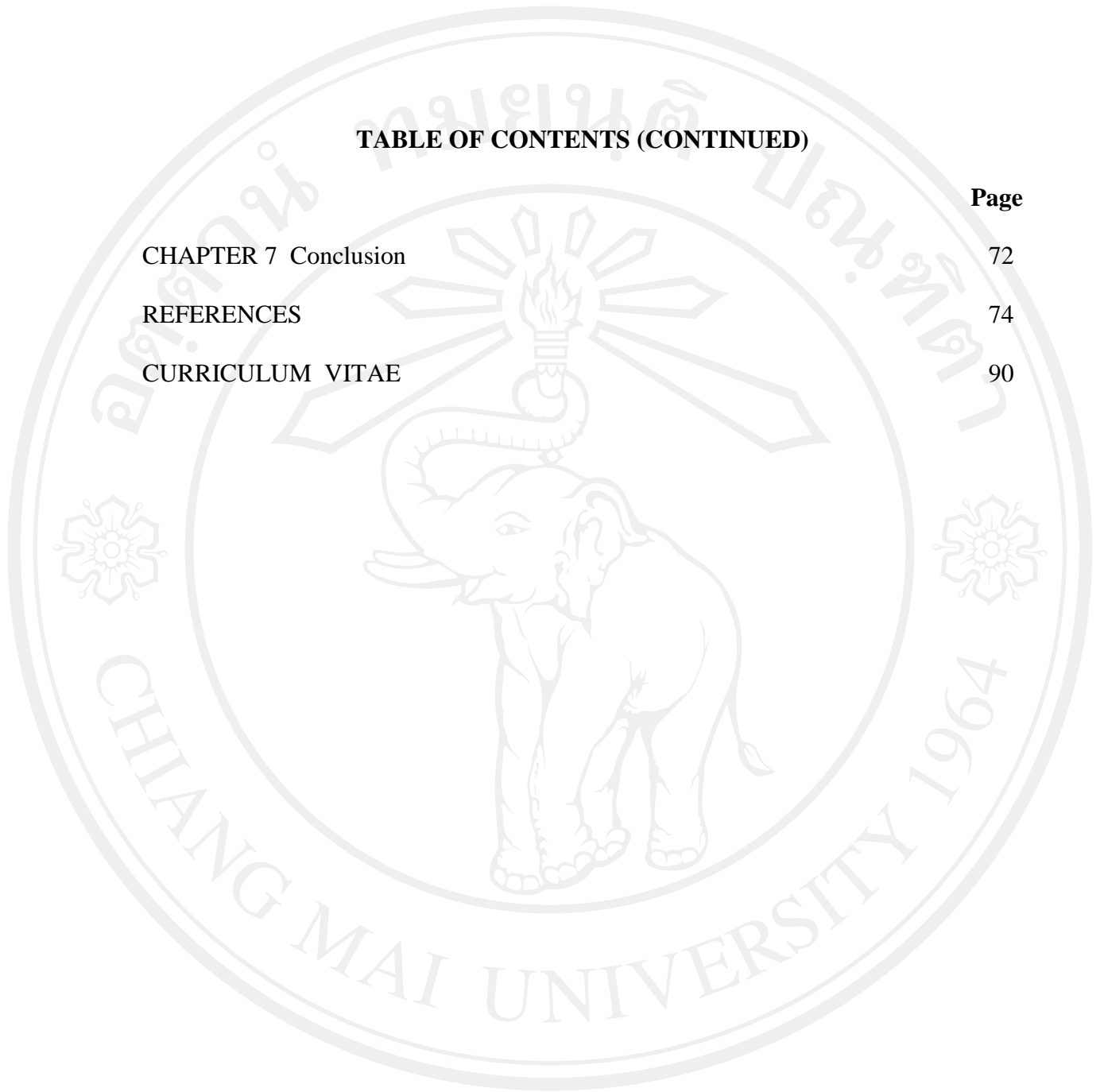
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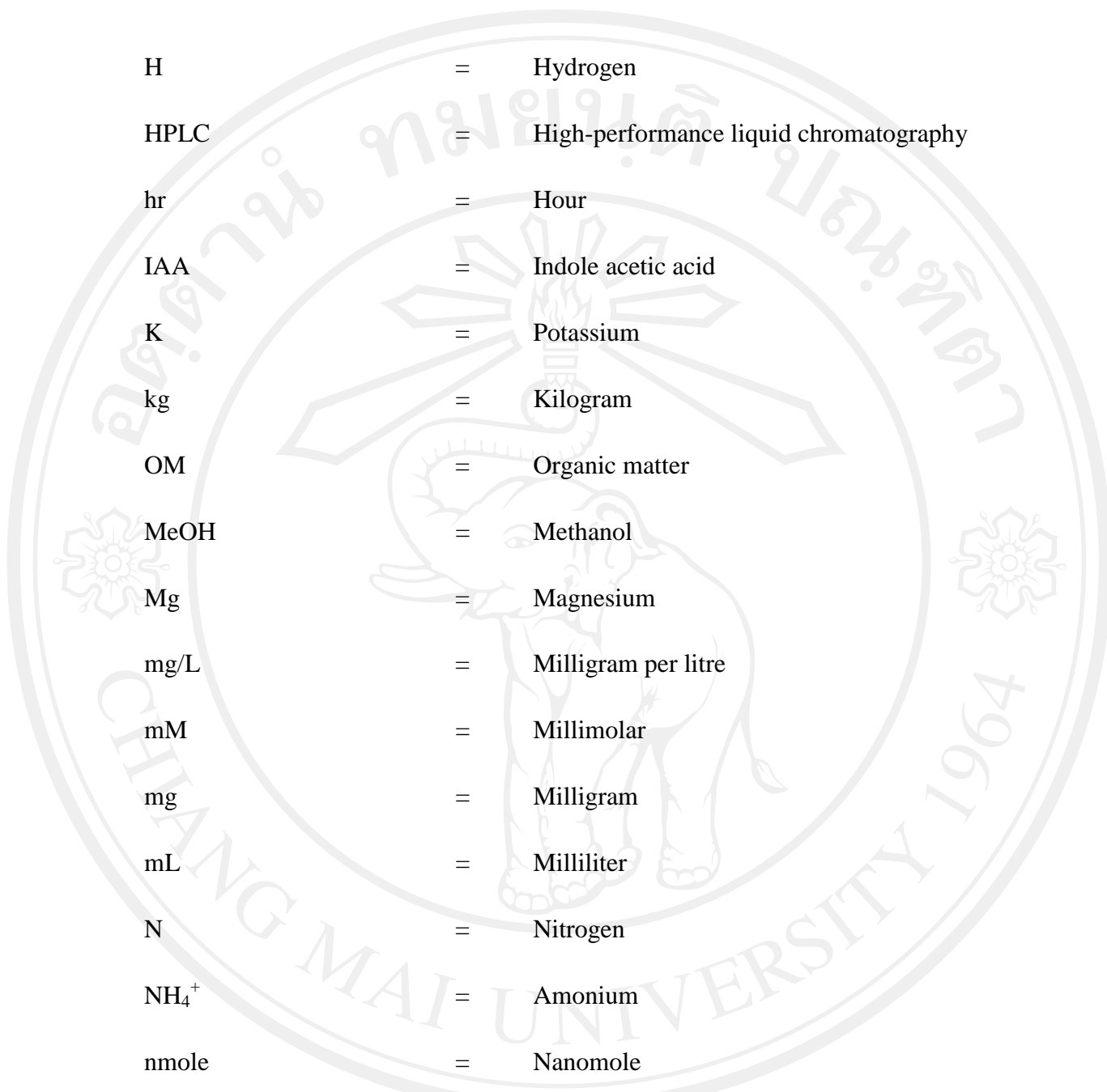
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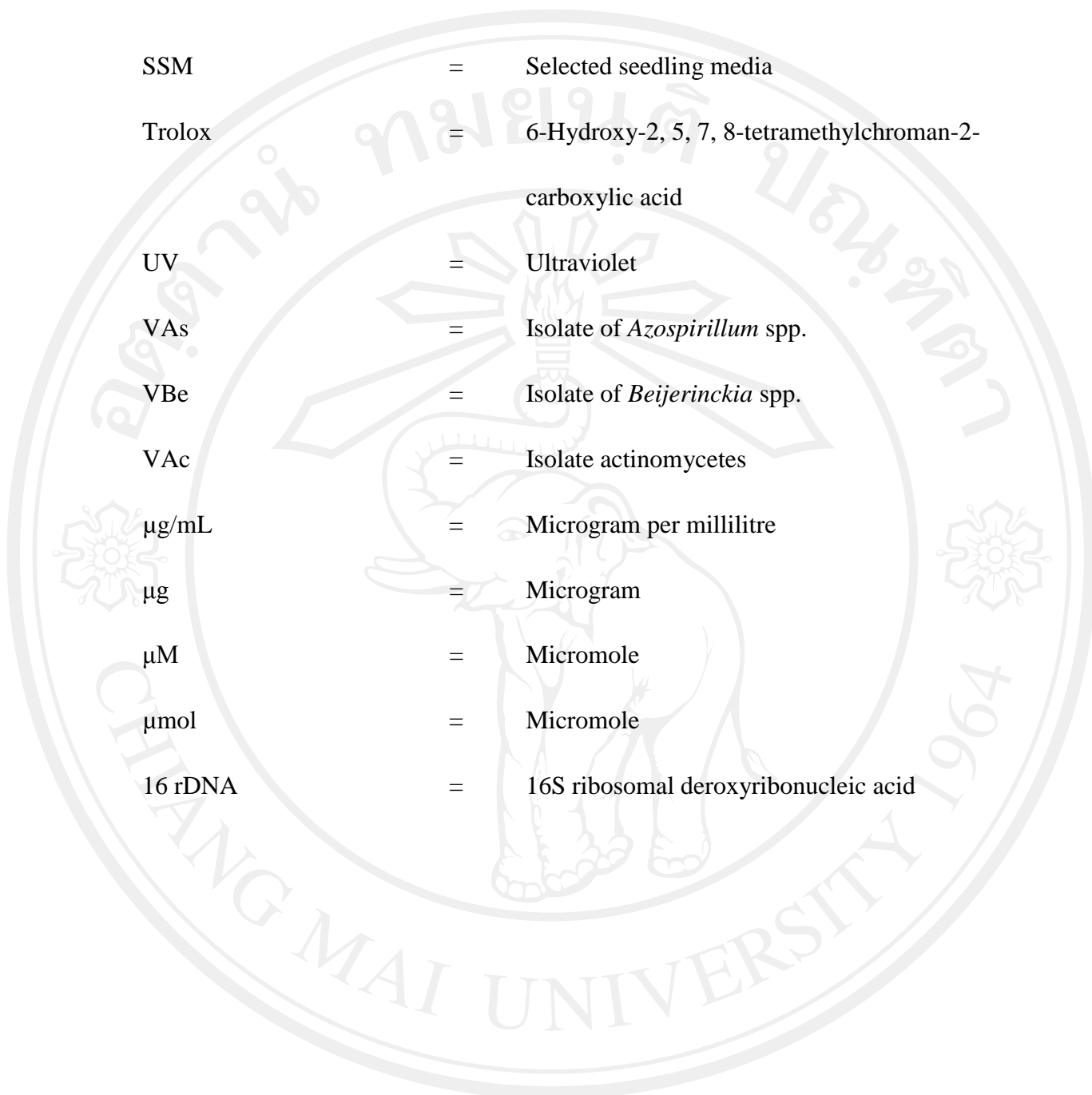
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ABBREVIATIONS AND SYMBOLS

Al-P	=	Aluminum phosphate
ATP	=	Adenosine triphosphate
ADP	=	Adenosine diphosphate
BM _s	=	Beneficial microorganisms
C	=	Carbon
Ca	=	Calcium
Ca-P	=	Calcium phosphate
CFU	=	Colony forming units
CO ₂	=	Carbon dioxide
C ₂ H ₂	=	Acetylene
C ₂ H ₄	=	Ethylene
DAI	=	Day after inoculation
dH ₂ O	=	De-ionized water
DNA	=	Deoxyribonucleic acid
DPPH	=	2, 2-diphenyl-1-picryl-hydrazyl
DW	=	Dry weigh
e ⁻	=	Electron
EtOH	=	Ethanol
FW	=	Fresh weigh
g	=	Gram



H	=	Hydrogen
HPLC	=	High-performance liquid chromatography
hr	=	Hour
IAA	=	Indole acetic acid
K	=	Potassium
kg	=	Kilogram
OM	=	Organic matter
MeOH	=	Methanol
Mg	=	Magnesium
mg/L	=	Milligram per litre
mM	=	Millimolar
mg	=	Milligram
mL	=	Milliliter
N	=	Nitrogen
NH ₄ ⁺	=	Amonium
nmole	=	Nanomole
NO ₃ ⁻	=	Nitrate
O	=	Oxygen
P	=	Phosphorus
PGPM	=	Plant growth promoting microorganisms
pH	=	Potential of hydrogen ion
RNA	=	Ribonucleic acid



SSM	=	Selected seedling media
Trolox	=	6-Hydroxy-2, 5, 7, 8-tetramethylchroman-2-carboxylic acid
UV	=	Ultraviolet
VAs	=	Isolate of <i>Azospirillum</i> spp.
VBe	=	Isolate of <i>Beijerinckia</i> spp.
VAc	=	Isolate actinomycetes
µg/mL	=	Microgram per millilitre
µg	=	Microgram
µM	=	Micromole
µmol	=	Micromole
16 rDNA	=	16S ribosomal deoxyribonucleic acid