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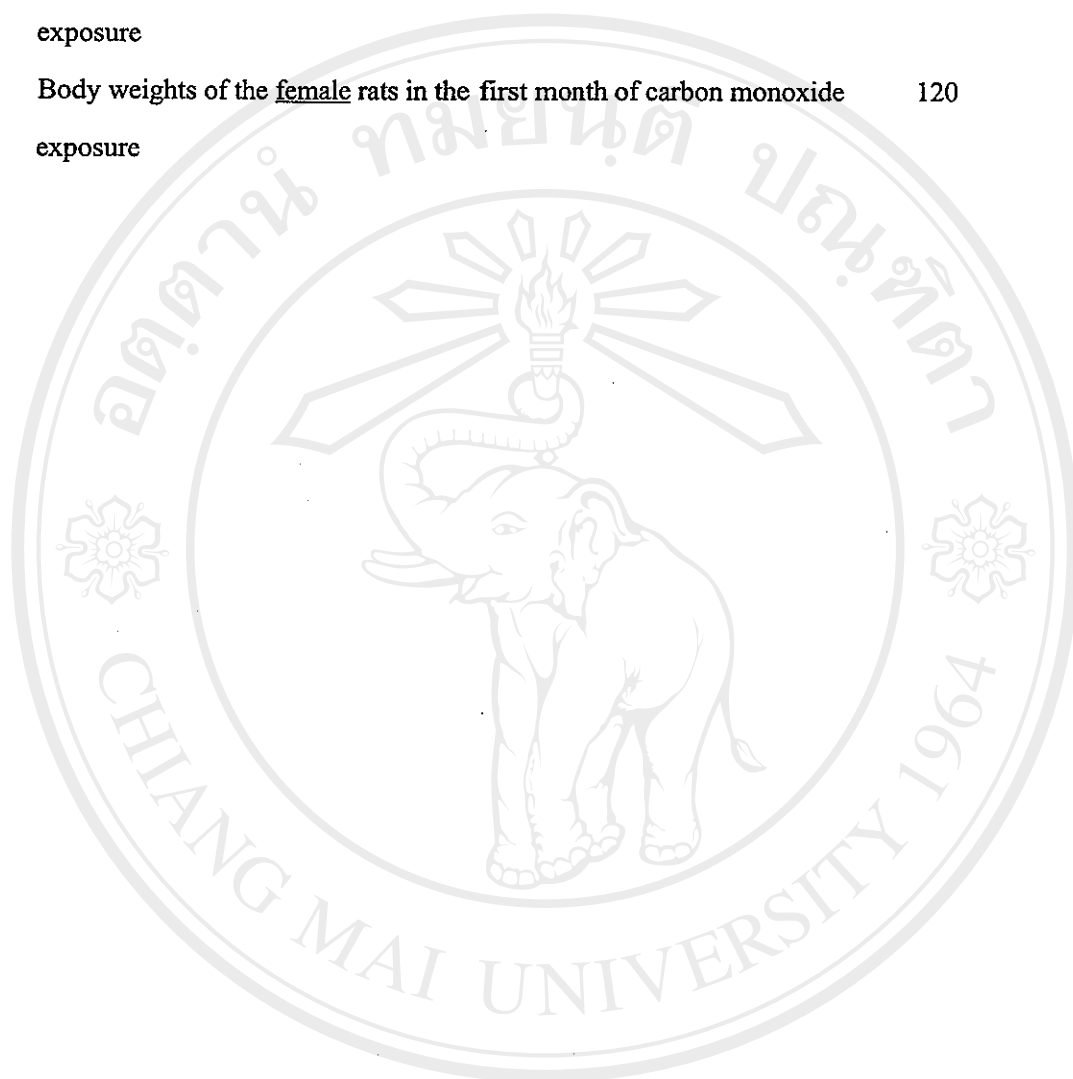
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## LIST OF ABBREVIATIONS AND SYMBOLS

A	Absorbance
4-AAP	4-Aminoantipyrine
ADP	Adenosine diphosphate
ALP	Alkaline phosphatase
ALT	Alanine aminotransferase
AMP	2-amino-2-methyl-1-propanol
AST	Aspartate aminotransferase
ATP	Adenosine triphosphate
BUN	Blood urea nitrogen
CBC	Completed blood cell count
CE	Cholesterol esterase
Cl	Chloride
cm	Centimeter
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
COHb	Carboxyhemoglobin
DHBS	3,5-dichlo-2-hydroxybenzenesulfonic acid
DHLA	Dihydrolipoic acid
DNA	Deoxyribonucleic acid
DTNB	5,5'-dithiobis- (2-nitrobenzoic acid)
e	Electron
EDTA	Ethylenediaminetetraacetic acid
g	Gram
g/dl	Gram/Deciliter
G.I.	Gastrointestinal
GFC	Gas Filter Correlation
G6PDPH	Glucose-6-phosphate dehydrogenase
GLDH	Glutamate dehydrogenase



GK	Glycerol kinase
GPO	Glycerophosphate oxidase
GPX	Glutathione peroxidase
GSH	Glutathione
Hb	Hemoglobin
HCl	Hydrochloric acid
Hct	Hematocrit
HK	Hexokinase
H <sub>2</sub> O <sub>2</sub>	Hydrogen hydroxide
HPO	Horseshoe peroxidase
IR	Infrared
K	Potassium
KCl	Potassium chloride
LDH	Lactate dehydrogenase
m <sup>3</sup>	Cubic meter
MCV	Mean corpuscular volume
MCH	Mean corpuscular hemoglobin
MCHC	Mean corpuscular hemoglobin concentration
MDA	Malondialdehyde
MDH	Malate dehydrogenase
mg	Miligram
ml	Milliliter
mM	Millimolar
MW	Molecular Weight
N <sub>2</sub>	Nitrogen
Na	Sodium
NAD	β-nicotinamide adenine dinucleotide
NADH	Reduced β-nicotinamide adenine dinucleotide
NAL	N-acystenyl
NDIR	Non-dispersive infrared technique
nm	Nanometer

NSS	0.9% Normal Saline Solution
PLT	Platelet
ppm	Parts per million by volume
ppmm	Parts per million by mass
PUFAs	Polyunsaturated fatty acids
RBC	Red blood cell
ROS	Reactive oxygen species
SOD	Superoxide dismutase
TBA	Thiobarbituric acid
TMP	Tetramethoxypropane
WBC	White blood cell
$\mu\text{l}$	Microliter
$\mu\text{M}$	Micromolar
$\epsilon$	Extinction coefficient

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