

ABBREVIATIONS AND SYMBOLS

The following abbreviations have been used in the thesis.
The other abbreviations have been defined at first mention.

Å	..	Ångström Units
NAG	..	N-acetyl D-glucosamine
NAM	..	N-acetyl muramic acid
NBS	..	N-Bromosuccinamide
CTP	..	Cytosine triphosphate
COO ⁻	..	Carboxyl
Cm	..	Centimeter
CM-Cellulose	..	Carboxy methyl cellulose
DFP	..	di-isopropyl fluorophosphate
DEMA	..	Dimethyl-benzylmyristyl ammonium chloride
DNP-amino acid	..	dinitrophenyl amino acid
DNP-derivative	..	dinitrophenyl derivative
DNP-Protein	..	dinitrophenyl protein
DNP	..	dinitrophenol
eg	..	for example
<u>et al</u> ,	..	and coworkers
etc	..	etcetera
NEM	..	N-ethyl maleimide
FDNB	..	1-Fluoro 2,4 dinitrobenzene
FDNB-UL- ¹⁴ C	..	1-Fluoro dinitrobenzene uniformly universally labelled carbon
Fig or FIG	..	Figure (s)
GU-HCl	..	guanidinium hydrochloride

g	..	gram(s)
hr	..	hour(s)
OH	..	hydroxyl
H ₂ O ₂	..	hydrogen peroxide
i. dia	..	internal diameter
μm	..	milli microns
mc	..	millicurie
μg	..	microgram(s)
mg	..	milligram(s)
min	..	minute(s)
μ mole	..	micro mole
mm	..	milli meter(s)
ml	..	milli liter
<u>M. lysodeikticus</u>	..	<u>Micrococcus lysodeikticus</u>
M	..	Molar
N-lysozyme	..	Native lysozyme
O.R.D.	..	Optical rotatory dispersion
O.D.	..	Optical density
Poly Tyr-Glu	..	Polypeptide of tyrosyl glutamic acid
%	..	Percent
PMBG	..	para mercury benzoate
PCMB	..	para chloromercuri benzoate
RNase-A	..	ribonuclease A
RNase-S	..	ribonucleases
rpm	..	revolutions per minute
RTIC	..	rotor temperature indicator control
R _f	..	R _f value multiplied by 100

Sec	..	second(s)
Sp. activity	..	specific activity
S _{20,W}	..	sedimentation coefficient corrected for viscosity and temperature
TCA	..	trichloroacetic acid
TEMED	..	N, N, N', N' tetramethyl ethylene diamine
Tris	..	2-amino-2-hydroxy methyl propane-1:3 diol
UV absorption	..	Ultraviolet absorption
Ala	..	alanine
Asn	..	asparagine
Asp	..	aspartic
Arg	..	arginine
Glu	..	glutamic
Gln	..	glutamine
His	..	histidine
Ileu	..	isoleucine
Leu	..	leucine
Lys	..	lysine
met	..	methionine
PhE	..	phenyl alanine
Pro	..	prolin
Ser	..	serine
Thr	..	threonine
Trp	..	tryptophan
Tyr	..	tyrosine
Val	..	valine

The enzyme activity is expressed as the difference of optical density at 450 mμ.

All temperatures are expressed in degrees Centigrade.