

## LIST OF ABBREVIATIONS AND SYMBOLS

bp	base pair
BLAST	Basic local alignment search tool
°C	Degree Celsius
CaCl <sub>2</sub>	Calcium chloride
Cys	Cysteine
DEAE	Diethylaminoethyl
DTT	Dithiotheritol
E	Glutamic acid
<i>et al.</i>	et alii
EDTA	Ethylene diaminetetracetic acid
Fig	Figure
g	Gram
g /l	Gram per litre
h	Hour
HCl	Hydrochloric acid
H <sub>2</sub> O	Water
HPLC	High pressure liquid chromatography
kb	Kilo base
kDa	Kilo Dalton
K	Lysine
KH <sub>2</sub> PO <sub>4</sub>	Potassium di-hydrogen phosphate
Na <sub>2</sub> HPO <sub>4</sub>	di-Sodium hydrogen phosphate
NH <sub>3</sub>	Ammonia
NHase	Nitrile hydratase
M	Molar
mg	Milligram
min	Minute
ml	Millilitre
mM	Millimolar
MTCC	Microbial Type Culture Collection and Gene Bank
MW	Molecular weight
N	Normal
NCBI	National centre for biotechnology information

OD	Optical density
PAGE	Polyacrylamide gel electrophoresis
pH	Potential of hydrogen
PMSF	Phenylmethylsulphonylfluoride
SDS	Sodium docecyl sulphate
sp.	Species
rpm	Revolution per minute
TEMED	N, N, N', N' , - Tetramethylethylenediamine
T	Temperature
TAE	Tris acetate EDTA buffer
TE	Tris-EDTA buffer
U	Units
v/v	Volume by volume
w/v	Weight by volume
w/w	Weight by weight
µg	Microgram
µl	Microlitre
µM	Micromolar