

## LIST OF TABLES

<b>TABLE NO.</b>	<b>TITLE</b>	<b>PAGE NO.</b>
1	Purification details of proteases from several microbial sources	26
2	Microbial sources and abbreviations	41
3	Screening and assay of enzymes present in bacteria isolated from termite mound, organic waste degraded, textile effluent degraded and marine soil samples from various places of Tamil Nadu	61
4	Morphological and biochemical characterization of the selected bacterial isolate TMS1	66
5	Biomass production of <i>Bacillus</i> sp. ASASBT	76
6	Purification profile of ammonium sulphate precipitated fractions of protease from <i>Bacillus</i> sp. ASASBT	90
7	Purification profile of dialyzed protease from <i>Bacillus</i> sp. ASASBT	91
8	Purification profile of ion exchange purified protease from <i>Bacillus</i> sp. ASASBT	94
9	Purification profile of gel filtration purified protease from <i>Bacillus</i> sp. ASASBT	96
10	Summary of purification profile of protease at various stages of purification	98
11	Effect of different metal ions on purified protease activity	114
12	Effect of inhibitors on purified protease activity	116
13	Effect of surfactants and oxidizing agents on purified protease activity	118
14	Determination of immobilized protease activity	125
15	Antibacterial activity of protease	144
16	A-ratio and protein content of different sericin samples	156

## LIST OF FIGURES

FIGURE NO.	TITLE	PAGE NO.
1	Flow diagram for the preparation of enzymes	18
2	Classification of proteases	24
3	Microbial protease purification	25
4	Basic enzyme immobilization methods	28
5	Application of bacterial proteases in different sectors	30
6	16S rRNA sequence of the selected bacterial isolate TMS1	69
7	BLAST output from rRNA database of NCBI for the query 16S rRNA sequence of the isolate TMS1	70
8	Neighbor – Joining tree showing the phylogenetic position of the isolate TMS1	71
9	Protease activity of <i>Bacillus</i> sp. ASASBT	77
10	Effect of incubation period on protease production of <i>Bacillus</i> sp. ASASBT	78
11	Effect of pH on protease production of <i>Bacillus</i> sp. ASASBT	79
12	Effect of temperature on protease production of <i>Bacillus</i> sp. ASASBT	81
13	Effect of inoculum size on protease production of <i>Bacillus</i> sp. ASASBT	82
14	Effect of carbon source on protease production of <i>Bacillus</i> sp. ASASBT	83
15	Effect of nitrogen source on protease production of <i>Bacillus</i> sp. ASASBT	85
16	Effect of agitation speed on protease production of <i>Bacillus</i> sp. ASASBT	86
17	Effect of natural substrates on protease production of <i>Bacillus</i> sp. ASASBT	87
18	Ion exchange chromatogram of purified protease from <i>Bacillus</i> sp. ASASBT	93

<b>FIGURE NO.</b>	<b>TITLE</b>	<b>PAGE NO.</b>
<b>19</b>	Gel filtration chromatogram of purified protease from <i>Bacillus</i> sp. ASASBT	<b>96</b>
<b>20</b>	Peptide mass fingerprint spectra of purified protease from <i>Bacillus</i> sp. ASASBT	<b>104</b>
<b>21(a)</b>	Mascot score histogram of purified protease from <i>Bacillus</i> sp. ASASBT	<b>104</b>
<b>21(b)</b>	Protein sequence coverage of purified protease from <i>Bacillus</i> sp. ASASBT	<b>105</b>
<b>22</b>	Effect of pH on activity of purified protease	<b>107</b>
<b>23</b>	Effect of pH on stability of purified protease	<b>108</b>
<b>24</b>	Effect of temperature on the activity of purified protease	<b>110</b>
<b>25</b>	Effect of temperature on stability of purified protease	<b>111</b>
<b>26</b>	Michaelis-Menten plot for purified protease	<b>112</b>
<b>27</b>	Lineweaver-Burk plot for purified protease	<b>113</b>
<b>28</b>	Effect of organic solvents on purified protease activity	<b>119</b>
<b>29</b>	UV-visible spectrum of purified and commercial protease	<b>120</b>
<b>30</b>	FTIR spectroscopy of commercial protease	<b>122</b>
<b>31</b>	FTIR spectroscopy of purified protease	<b>122</b>
<b>32</b>	Effect of pH on activity of immobilized protease	<b>126</b>
<b>33</b>	Effect of temperature on activity of immobilized protease	<b>128</b>
<b>34</b>	Storage stability of soluble and immobilized protease	<b>131</b>
<b>35</b>	Reusability of immobilized protease	<b>132</b>
<b>36</b>	Percent clot lysis of protease	<b>148</b>
<b>37</b>	Weight loss on degummed silk	<b>152</b>
<b>38</b>	UV-visible spectra of sericin extracted from protease	<b>156</b>

## LIST OF PLATES

PLATE NO.	TITLE	PAGE NO.
1	Colonies produced by selected soil samples	59
2	Isolated colonies of TMS1 on nutrient agar plate by quadrant streak method	65
3	Scanning electron micrograph of the selected bacterial isolate TMS1	68
4(a)	Genomic DNA of <i>Bacillus</i> sp. ASASBT loaded in 1% agarose gel	72
4(b)	Amplified protease gene in 1% agarose gel	72
5	Zone of clearance of <i>Bacillus</i> sp. ASASBT on skim milk agar and casein agar	74
6	SDS PAGE of protease – Coomassie Brilliant Blue staining	100
7	SDS-PAGE of protease – Silver staining	101
8	Zymogram of gel filtration purified <i>Bacillus</i> sp. ASASBT protease	102
9	Immobilization of purified protease	124
10	Scanning electron micrographs of soluble and immobilized protease	134
11	Evaluation of commercial, purified and immobilized proteases for destaining of blood stains from cloth pieces	138
12	Evaluation of commercial, purified and immobilized protease for destaining of egg yolk stains from cloth pieces	139
13	Preparation of enzyme-based detergent cake	140
14	Action of enzyme-based detergent cake on blood stain	141
15	Action of protease on animal skin	143
16	Antibacterial activity of protease	145
17	Clot lysis activity of protease	147
18	Silver recovery from waste X-ray film using protease	150
19	Qualitative test for presence of silver	150
20	Morphological characterization of degummed silk	153

## LIST OF APPENDICES

<b>APPENDIX NO.</b>	<b>TITLE</b>	<b>PAGE NO.</b>
<b>I</b>	Isolation of bacteria by Serial Dilution Technique	<b>202</b>
<b>II</b>	Screening for amylase	<b>202</b>
<b>III</b>	Screening for cellulase	<b>203</b>
<b>IV</b>	Screening for protease	<b>203</b>
<b>V</b>	Screening for lipase	<b>203</b>
<b>VI</b>	Assay of amylase	<b>204</b>
<b>VII</b>	Assay of cellulase	<b>204</b>
<b>VIII</b>	Assay of protease	<b>205</b>
<b>IX</b>	Assay of lipase	<b>206</b>
<b>X</b>	Morphological characterization	<b>206</b>
<b>XI</b>	Biochemical characterization	<b>207</b>
<b>XII</b>	Scanning Electron Microscope (SEM) analysis	<b>212</b>
<b>XIII</b>	16S rRNA gene sequencing	<b>212</b>
<b>XIV</b>	Identification of protease gene	<b>214</b>
<b>XV</b>	Qualitative method	<b>215</b>
<b>XVI</b>	Quantitative methods - Biomass estimation and protease activity	<b>215</b>
<b>XVII</b>	Effect of natural substrates on protease production	<b>215</b>
<b>XVIII</b>	Precipitation with ammonium sulphate	<b>216</b>
<b>XIX</b>	Dialysis	<b>217</b>
<b>XX</b>	Ion exchange chromatography using AKTA FPLC system	<b>218</b>
<b>XXI</b>	Gel filtration chromatography using AKTA FPLC system	<b>218</b>
<b>XXII</b>	Estimation of protein	<b>218</b>

<b>APPENDIX NO.</b>	<b>TITLE</b>	<b>PAGE NO.</b>
<b>XXIII</b>	Sodium dodecyl sulphate polyacrylamide gel electrophoresis (SDS-PAGE)	<b>219</b>
<b>XXIV</b>	Silver staining of proteins	<b>221</b>
<b>XXV</b>	Zymography	<b>222</b>
<b>XXVI</b>	Identification of protein by MALDI-TOF/TOF Mass Spectrometry analysis	<b>223</b>
<b>XXVII</b>	Effect of pH on the activity and stability of purified protease	<b>223</b>
<b>XXVIII</b>	Effect of temperature on the activity and stability of purified protease	<b>224</b>
<b>XXIX</b>	Effect of substrate concentration on the activity of purified protease	<b>224</b>
<b>XXX</b>	Effect of metal ions on purified protease activity	<b>224</b>
<b>XXXI</b>	Effect of inhibitors on purified protease activity	<b>224</b>
<b>XXXII</b>	Effect of surfactants and oxidizing agents on purified protease activity	<b>225</b>
<b>XXXIII</b>	Effect of organic solvents on purified protease activity	<b>225</b>
<b>XXXIV</b>	Immobilization of purified protease	<b>225</b>
<b>XXXV</b>	Activity of immobilized protease	<b>227</b>
<b>XXXVI</b>	Characterization of immobilized protease	<b>228</b>
<b>XXXVII</b>	Action of protease on stains	<b>228</b>
<b>XXXVIII</b>	Preparation of enzyme-based detergent cake	<b>229</b>
<b>XXXIX</b>	Action of protease on animal skin	<b>230</b>
<b>XL</b>	Antibacterial activity of protease	<b>230</b>
<b>XLI</b>	Clot lysis activity of protease	<b>230</b>
<b>XLII</b>	Silver recovery from waste X-ray film	<b>231</b>
<b>XLIII</b>	Application in textile industry	<b>231</b>

## LIST OF ABBREVIATIONS

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ASASBT	-	A.Sujatha, Anitha Subash, Bio-Technology
(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	-	Ammonium sulphate
AIDS	-	Acquired Immune Deficiency Syndrome
BSA	-	Bovine Serum Albumin
BLAST	-	Basic Local Alignment Search Tool
CM	-	Carboxymethyl
CMC	-	Carboxymethyl Cellulose
CAGR	-	Compound Annual Growth Rate
CTAB	-	Cetyl Trimethyl Ammonium Bromide
CV	-	Column Volume
°C	-	Degree Celsius
DNA	-	Deoxyribonucleic acid
DTT	-	Dithiothreitol
3,4 DCI	-	3, 4 – dichloroisocoumarin
DNS	-	Dinitrosalicylic acid
DMSO	-	Dimethyl sulfoxide
DEAE	-	Diethyl Amino Ethyl
dNTPs	-	deoxyribonucleotide triphosphates
EC	-	Enzyme Commission
EDTA	-	Ethylenediaminetetraacetic acid
EC	-	Enzyme Commission
FPLC	-	Fast Protein Liquid Chromatography
FTIR	-	Fourier Transform Infrared Spectroscopy
gDNA	-	Genomic Deoxyribonucleic acid
x g	-	Gravitational force
HPLC	-	High Performance Liquid Chromatography
H <sub>2</sub> O <sub>2</sub>	-	Hydrogen Peroxide
HCN	-	Hydrogen Cyanide
HIV-1	-	Human Immunodeficiency Virus Type 1
HCl	-	Hydrochloric acid
p-CMB	-	4-hydroxy mercuri benzoic acid
kDa	-	Kilo Daltons
K <sub>m</sub>	-	Michaelis constant (concentration of substrate)
mg	-	Milligram
min	-	Minutes
ml	-	Milliliter

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M	-	Molarity
MW	-	Molecular Weight
mM	-	milli Molar
MgSO <sub>4</sub>	-	Magnesium sulfate
MgSO <sub>4</sub> ·7H <sub>2</sub> O	-	Magnesium Sulfate Heptahydrate
μ	-	Micromolar
μl	-	Microliter
Mm	-	Millimeter
MALDI/TOF-MS	-	Matrix Assisted Laser Desorption Ionization / Time-of-Flight – Mass Spectroscopy
N	-	Normality
Nm	-	Nanometer
NaCl	-	Sodium chloride
NaNO <sub>3</sub>	-	Sodium nitrate
NaOH	-	Sodium Hydroxide
NCBI	-	National Center for Biotechnology Information
PMF	-	Peptide Mass Fingerprinting
PMSF	-	Phenylmethanesulfonyl fluoride
PCR	-	Polymerase Chain Reaction
KH <sub>2</sub> PO <sub>4</sub>	-	Potassium Dihydrogen Phosphate
pH	-	Power of Hydrogen
RNA	-	Ribonucleic acid
rRNA	-	Ribosomal Ribonucleic acid
SH	-	Sulfhydryl
SEM	-	Scanning Electron Microscopy
SSF	-	Solid State Fermentation
Na <sub>2</sub> CO <sub>3</sub>	-	Sodium Carbonate
SDS	-	Sodium Dodecyl Sulphate
SDS-PAGE	-	Sodium Dodecyl Sulphate – Polyacrylamide gel electrophoresis
TEMED	-	Tetramethyl ethylene diamine
Tris-buffer	-	(Hydroxymethyl) Aminomethane buffer
TLCK	-	Tosyl-1-Lysine Chloromethyl Ketone
USD	-	US Dollar
UV	-	Ultra Violet
V <sub>max</sub>	-	Maximum Initial Velocity of Rate of a Reaction

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