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Crystallographic Study of *Bacillus stearothermophilus* α -Amylase

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CONTENTS

CONTENTS-----	i
ABBREVIATIONS -----	iii
GENERAL INTRODUCTION -----	1
CHAPTER 1 PURIFICATION, CRYSTALLIZATION AND PRELIMINARY X-RAY CRYSTALLOGRAPHIC STUDY OF α -AMYLASE FROM <i>BACILLUS</i> <i>STEAROTHERMOPHILUS</i> -----	7
1.1. Introduction -----	8
1.2. Materials and methods -----	11
Enzyme purification -----	11
Crystallization and data collection -----	12
Data processing and scaling -----	12
1.3. Results and discussion -----	13
1.4. Summary -----	15
CHAPTER 2 CRYSTAL STRUCTURE OF <i>BACILLUS</i> <i>STEAROTHERMOPHILUS</i> α -AMYLASE: POSSIBLE FACTORS DETERMINING THE THERMOSTABILITY -----	16
2.1. Introduction -----	17
2.2. Methods -----	19
Purification, crystallization and data collection---	19
Structure determination -----	19
Protein Data Bank accession number-----	20
2.3. Results and discussion-----	21
Quality of model-----	21
Overall structure of BSTA-----	22
Active site -----	23

Metal ion binding sites -----	24
Interpretation of the thermostability difference based on structural comparison with BLA -----	25
2.4. Summary -----	31
ACKNOWLEDGEMENTS-----	32
REFERENCES -----	33
APPENDIX -----	39
SCHEMAS	
TABLES	
FIGURES	

ABBREVIATIONS

A α - α helices in domain A

A β - β strand in domain A

B β - β strand in domain B

BAA - α -amylase from *Bacillus amyloliqueifaciens*

BLA - α -amylase from *Bacillus licheniformis*

BSTA - α -amylase from *Bacillus stearothermophilus*

BSUA - α amylase from *Bacillus subtilis*

C β - β strand in domain C

EDTA- ethylenediaminetetraacetic acid, disodium salt

IEF- isoelectricfocusing

LAMY - α - amylase from *Bacillus* sp. KSM-1378

PPA - α -amylase from porcine pancreatic

RMS - root mean square deviation or difference

TAA - α -amylase form *Aspergillus oryzae*

v/v - volume per volume

w/v - weight per volume

Symbols for Amino Acids

Amino Acid	Single-letter code	Three-letter code
Alanine	A	Ala
Arginine	R	Arg
Asparagine	N	Asn
Aspartic acid	D	Asp
Cystein	C	Cys
Glutamic acid	E	Glu
Glutamine	Q	Gln
Glycine	G	Gly
Histidine	H	His
Isoleucine	I	Ile
Leucine	L	Leu
Lysine	K	Lys
Methionine	M	Met
Phenylalanine	F	Phe
Proline	P	Pro
Serine	S	Ser
Threonine	T	Thr
Tryptophan	W	Trp
Tyrosine	Y	Tyr
Valine	V	Val
