

SEQUENCE LISTING

<110> Novozymes A/S

<120> METHOD OF PREPARING A DOUGH-BASED PRODUCT

<130> 11130.000-EP

<160> 1

<170> PatentIn version 3.4

<210> 1

<211> 686

<212> PRT

<213> Bacillus stearothermophilus

<400> 1

Ser	Ser	Ser	Ala	Ser	Val	Lys	Gly	Asp	Val	Ile	Tyr	Gln	Ile	Ile	Ile
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Asp	Arg	Phe	Tyr	Asp	Gly	Asp	Thr	Thr	Asn	Asn	Asn	Pro	Ala	Lys	Ser
			20					25					30		

Tyr	Gly	Leu	Tyr	Asp	Pro	Thr	Lys	Ser	Lys	Trp	Lys	Met	Tyr	Trp	Gly
		35					40					45			

Gly	Asp	Leu	Glu	Gly	Val	Arg	Gln	Lys	Leu	Pro	Tyr	Leu	Lys	Gln	Leu
	50					55					60				

Gly	Val	Thr	Thr	Ile	Trp	Leu	Ser	Pro	Val	Leu	Asp	Asn	Leu	Asp	Thr
65					70					75					80

Leu	Ala	Gly	Thr	Asp	Asn	Thr	Gly	Tyr	His	Gly	Tyr	Trp	Thr	Arg	Asp
				85					90					95	

Phe	Lys	Gln	Ile	Glu	Glu	His	Phe	Gly	Asn	Trp	Thr	Thr	Phe	Asp	Thr
			100					105					110		

Leu	Val	Asn	Asp	Ala	His	Gln	Asn	Gly	Ile	Lys	Val	Ile	Val	Asp	Phe
		115					120					125			

Val	Pro	Asn	His	Ser	Thr	Pro	Phe	Lys	Ala	Asn	Asp	Ser	Thr	Phe	Ala
	130					135					140				

Glu	Gly	Gly	Ala	Leu	Tyr	Asn	Asn	Gly	Thr	Tyr	Met	Gly	Asn	Tyr	Phe
145					150					155					160

Asp	Asp	Ala	Thr	Lys	Gly	Tyr	Phe	His	His	Asn	Gly	Asp	Ile	Ser	Asn
				165					170					175	

Trp Asp Asp Arg Tyr Glu Ala Gln Trp Lys Asn Phe Thr Asp Pro Ala
180 185 190

Gly Phe Ser Leu Ala Asp Leu Ser Gln Glu Asn Gly Thr Ile Ala Gln
195 200 205

Tyr Leu Thr Asp Ala Ala Val Gln Leu Val Ala His Gly Ala Asp Gly
210 215 220

Leu Arg Ile Asp Ala Val Lys His Phe Asn Ser Gly Phe Ser Lys Ser
225 230 235 240

Leu Ala Asp Lys Leu Tyr Gln Lys Lys Asp Ile Phe Leu Val Gly Glu
245 250 255

Trp Tyr Gly Asp Asp Pro Gly Thr Ala Asn His Leu Glu Lys Val Arg
260 265 270

Tyr Ala Asn Asn Ser Gly Val Asn Val Leu Asp Phe Asp Leu Asn Thr
275 280 285

Val Ile Arg Asn Val Phe Gly Thr Phe Thr Gln Thr Met Tyr Asp Leu
290 295 300

Asn Asn Met Val Asn Gln Thr Gly Asn Glu Tyr Lys Tyr Lys Glu Asn
305 310 315 320

Leu Ile Thr Phe Ile Asp Asn His Asp Met Ser Arg Phe Leu Ser Val
325 330 335

Asn Ser Asn Lys Ala Asn Leu His Gln Ala Leu Ala Phe Ile Leu Thr
340 345 350

Ser Arg Gly Thr Pro Ser Ile Tyr Tyr Gly Thr Glu Gln Tyr Met Ala
355 360 365

Gly Gly Asn Asp Pro Tyr Asn Arg Gly Met Met Pro Ala Phe Asp Thr
370 375 380

Thr Thr Thr Ala Phe Lys Glu Val Ser Thr Leu Ala Gly Leu Arg Arg
385 390 395 400

Asn Asn Ala Ala Ile Gln Tyr Gly Thr Thr Thr Gln Arg Trp Ile Asn
405 410 415

Asn Asp Val Tyr Ile Tyr Glu Arg Lys Phe Phe Asn Asp Val Val Leu
420 425 430

Val Ala Ile Asn Arg Asn Thr Gln Ser Ser Tyr Ser Ile Ser Gly Leu
435 440 445

Gln Thr Ala Leu Pro Asn Gly Ser Tyr Ala Asp Tyr Leu Ser Gly Leu
450 455 460

Leu Gly Gly Asn Gly Ile Ser Val Ser Asn Gly Ser Val Ala Ser Phe
465 470 475 480

Thr Leu Ala Pro Gly Ala Val Ser Val Trp Gln Tyr Ser Thr Ser Ala
485 490 495

Ser Ala Pro Gln Ile Gly Ser Val Ala Pro Asn Met Gly Ile Pro Gly
500 505 510

Asn Val Val Thr Ile Asp Gly Lys Gly Phe Gly Thr Thr Gln Gly Thr
515 520 525

Val Thr Phe Gly Gly Val Thr Ala Thr Val Lys Ser Trp Thr Ser Asn
530 535 540

Arg Ile Glu Val Tyr Val Pro Asn Met Ala Ala Gly Leu Thr Asp Val
545 550 555 560

Lys Val Thr Ala Gly Gly Val Ser Ser Asn Leu Tyr Ser Tyr Asn Ile
565 570 575

Leu Ser Gly Thr Gln Thr Ser Val Val Phe Thr Val Lys Ser Ala Pro
580 585 590

Pro Thr Asn Leu Gly Asp Lys Ile Tyr Leu Thr Gly Asn Ile Pro Glu
595 600 605

Leu Gly Asn Trp Ser Thr Asp Thr Ser Gly Ala Val Asn Asn Ala Gln
610 615 620

Gly Pro Leu Leu Ala Pro Asn Tyr Pro Asp Trp Phe Tyr Val Phe Ser
625 630 635 640

Val Pro Ala Gly Lys Thr Ile Gln Phe Lys Phe Phe Ile Lys Arg Ala
645 650 655

Asp Gly Thr Ile Gln Trp Glu Asn Gly Ser Asn His Val Ala Thr Thr
660 665 670

Pro Thr Gly Ala Thr Gly Asn Ile Thr Val Thr Trp Gln Asn
675 680 685