พิมพ์ตันฉบับบทกัดย่อวิทยานิพนธ์ภายในกรอบสีเขียวนี้เพียงแผ่นเดียว

KEY.WOR	CYCLOD CARBO NARTN OF CYC BY Bac	HYDRATE / 1 AREE RATTA LODEXTRIN	ICANOTR. Bacillus sp. APAT : EFF GLUCANO . THESIS	ANSFERASE A11 ECT OF SOM OTRANSFERA		XTRIN / OLIGOS	ACCHRIDES /
	i		74 - 636 - 4'		ASE AND C	DRATES ON TH YCLODEXTRIN OF. TIPAPORN	PRODUCTION
produce medium induced lectroph Isoelectri transfer to carbohyd gave high as substrand wer optimum	which complete which contents for the selecte which are selected with the selected which are selected which	in Bacillus nount of cy ontained 2.0 trin type II und that the ng gel electro m of CGTa vas further oligosacchar than long- otetraose(G4) d as the m	sp. A11 a clodextrin dextrin and ric protein phoresis (se isozyn studies ide as sul chain carl and ma nost appr	and it was in glycosyltan type II (w/ce starch pattern and IEF) showed the better the for cyclod bstrates. It was bohydrates. It was bohydrates to priate substrates and incubating	cound that a cansferase (0 v) as industry non-derence action rice startes shown to the country of the country o	to induce Bacillus sp. A11 CGTase) in the cer. Comparison atturing polyativities pattern in type II may ch. The CGTas luction by us hat short-chain poligosaccharided high proportion by the coligosaccharided high γ-CD prograse/g carbohy	e Horikoshi's n of CGTase crylamide gel were similar. y be able to se induced by sing different carbohydrates es were used ration of γ-CD roduction. The
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ลายมือชื่อนิสิต.....

ลายมือชื่ออาจารย์ที่ปรึกษา 🧥 🍛

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม.....

ภาควิชา...... ร^{รั} หลักสูตรเทคโนโลยีทางชีวภาพ สาขาวิชา......

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ปีการศึกษา.....