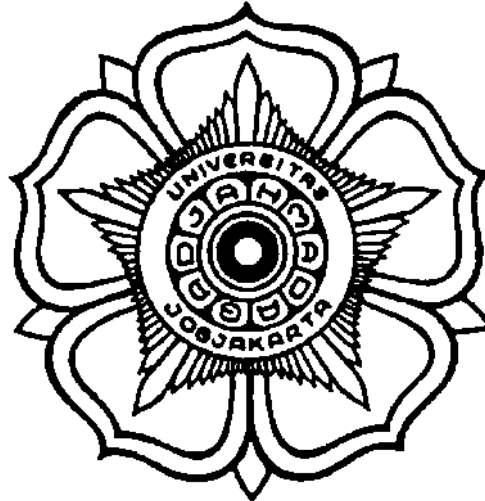


**UNDERGRADUATE THESIS**

**EFFECT OF XANTHONE ON THE PRODUCTION OF METHANE  
FROM STARCH AND XYLAN USING MEMBRANE BIOREACTOR**



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**Undergraduate Thesis**

**Department of Food and Agricultural Product Technology**

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