

# THESIS

**ANTIOXIDANT ACTIVITY OF KAFFIR LIME (*Citrus hystrix*) PEEL  
ETHANOLIC EXTRACT AFFECTING INTESTINAL BARRIER UNDER  
H<sub>2</sub>O<sub>2</sub>-INDUCED OXIDATIVE STRESS IN CACO-2 CELLS**

**Submitted in Partial Fulfillment of the Requirements for the Degree of Master of  
Science in Food Science and Technology, Faculty of Agricultural Technology**



**Submitted by :**

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**21/476374/PTP/01833**

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**GRADUATE PROGRAM**

**FACULTY OF AGRICULTURAL TECHNOLOGY**

**GADJAH MADA UNIVERSITY**

**YOGYAKARTA**

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# THESIS

Antioxidant Activity of Kaffir Lime (*Citrus hystrix*) Peel Ethanolic Extract Affecting Intestinal Barrier Under  
H<sub>2</sub>O<sub>2</sub>-Induced Oxidative Stress in Caco-2 Cells

Presented and compiled by  
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Has been defended in front of the Board of Examiners

On November 28<sup>th</sup>, 2023

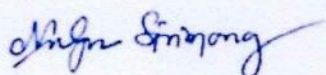
Board of Examiners

Thesis Supervisor



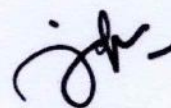
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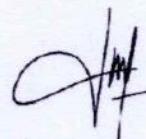
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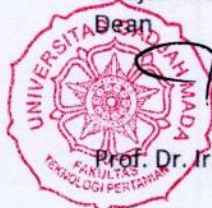


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This thesis has been accepted as a requirement  
to obtain the degree of Master of Science  
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