

ALOE VERA... MOUTH DISEASES

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**SKRIPSI**

**ASMORO WIGATI**

**STUDI PENDAHULUAN PEMANFAATAN GEL  
LIDAH BUAYA (*ALOE VERA LINN*) SEBAGAI OBAT  
*APHTHOUS ULCER***



**MILIK  
PERPUSTAKAAN  
UNIVERSITAS AIRLANGGA  
SURABAYA**

**FAKULTAS FARMASI UNIVERSITAS AIRLANGGA  
BAGIAN FARMASI PRAKTIS  
SURABAYA  
2004**

**Lembar Pengesahan**

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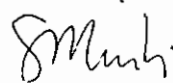
Dibuat untuk memenuhi syarat mencapai Gelar Sarjana Farmasi pada  
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## ABSTRACT

*Aloe vera* was introduced as the most widely used plant for cosmetics and medicine and has an antibacterial property. The aim of this study was to investigate the antibacterial activity of *Aloe vera* gel. In this reseach *Aloe vera* gel was derived from fresh leaf flesh of *Aloe vera*. Punch hole at Nutrien agar (diffusion method) was used to investigate the antibacterial activity of *Aloe vera* gel qualitatively. Serial dilution test (dilution method) in Nutrien broth was used to find it's Minimal Inhibitory Concentration. *Staphylococcus aureus* was used as a bacterial sample. The result showed that qualitatively *Aloe vera* gel provides an antibacterial activity and Minimal Inhibitory Concentration of *Aloe vera* was 50%.

Keywords : *Aloe vera*, *Staphylococcus aureus*.