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**SKRIPSI**

**HANIK MARIANA DEWI**

**UJI EFEKTIVITAS ANTIMIKROBA SEDIAAN PENCERAH**

***VANISHING CREAM* DENGAN BAHAN AKTIF**

***TAMARINDUS INDICA L***

**MILIK  
PERPUSTAKAAN  
UNIVERSITAS AIRLANGGA  
SURABAYA**



**FAKULTAS FARMASI  
UNIVERSITAS AIRLANGGA  
SURABAYA**

**2004**

**LEMBAR PENGESAHAN**

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**Dibuat untuk memenuhi syarat mencapai gelar Sarjana Farmasi pada**

**Fakultas Farmasi Universitas Airlangga**

**2004**

**Oleh :**

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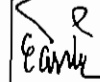
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## ABSTRACT

### **The Effectivity of antimicrobial agent in Tamarind Extract as Skin Lightening in Vanishing Cream Base**

The observation has purpose to know the effectivity antimicrobial agent of Tamarind extract formulated in vanishing cream base at the different concentration wich is effective in skin lightening

To know the effectivity of both, experiment was done with infected sample with *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *escherichia coli* and *Candida albican*. The assessment of the effectivity was done with visually watching the growth of colony compared with the control sample. Watching is done at 1<sup>st</sup> day, 7<sup>th</sup> day, 14<sup>th</sup> day, 21<sup>th</sup> day and 28<sup>th</sup> day after infected the samples.

Statistic analyze result with *anova factorial* test in P (0,05) shows that there are significant differences growth of colony 1<sup>st</sup> day from 7<sup>th</sup> day in sample with concentration 7%

Keyword : *Tamarindus indica L*, Tamarind extract, skin lightening, *Tamarindineal*, antimicrobial agent