

- ZEOLITES
- FULLER'S EARTH
- ...

SKRIPSI

RATNA WATI

**UJI DAYA JERAP ZEOLIT ALAM MALANG SELATAN DAN
ATAPULGIT TERHADAP *Salmonella typhi* STRAIN WHO**

(Sebagai Pemanfaatan Bahan Baku Obat Diare)

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FAKULTAS FARMASI UNIVERSITAS AIRLANGGA

BAGIAN FARMASETIKA

SURABAYA

2005



Lembar Pengesahan

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**Dibuat Untuk Memenuhi Syarat
Mencapai Gelar Sarjana Farmasi Pada
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2005**

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**Skripsi ini telah disetujui
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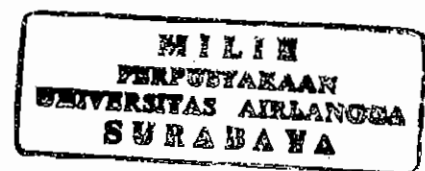
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ABSTRACT

Test Experienced Zeolite Malang Selatan Absorption And Attapulgit To *Salmonella typhi* Stain WHO (As Exploiting Of Raw Material Medicinize Diarrhea)

Zeolite as a silicate aluminium magnesium compound **adsorben** almost having equal empirical formula with **attapulgit**. **Adsorben** is used first aid treatment to **diarrhea** patient. Based on the usage of **adsorben** above, so in this research decided to taking absorb power examination between **Zeolite Alam Malang Selatan** through *Salmonella typhi* by using **dilution method** to find out the microbe suspension and **plate method** for counting microbe colony. According the result of the research, have been achieved average prosentage data of adsorbed *Salmonella typhi* through time limitation of the shaking process around 10, 20, and 30 minutes, are : 71,50±1,14 %; 76,15±2,89%; 77,13±1,05 %; 54,68±1,52 %; 68,06±2,00 %; 73,20±2,21 %.

Keyword : **Zeolite, Attapulgit, Adsorben, Diarrhea, *Salmonella Typhi*, plate method, Dilution Method.**