

- CEPY - LOSPORINE
- IODOMETRI
- ANTIBIOTIKAL - BEKITS

SKRIPSI

LIA RIZKY AWALIA

**HUBUNGAN ANTARA KADAR SENYAWA AKTIF
N-(4-KLOROBENZOIL)SEFALEKSIN
YANG DITETAPKAN SECARA IODOMETRI
DENGAN AKTIVITAS TERHADAP
STAPHYLOCOCCUS AUREUS ATCC 25923**

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

**MILIK
PERPUSTAKAAN
UNIVERSITAS AIRLANGGA
SURABAYA**

Lembar Pengesahan

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**Dibuat untuk memenuhi syarat mencapai gelar
Sarjana Farmasi pada Fakultas Farmasi
Universitas Airlangga
2004**

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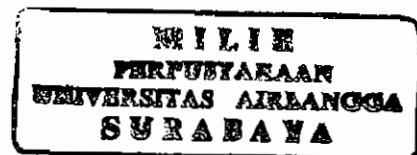
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**Relation between Rate Of Specified *N*-(4-chlorobenzoyl)cephalexin by Iodometri
with It's Antibacterial Activity again *Staphylococcus aureus* ATCC 25923**

ABSTRACT

Lia Rizky Awalia

It has been done a research as a mean to explain relation between rate of specified *N*-(4-chlorobenzoyl)cephalexin by iodometri with it's antibacterial activity again *Staphylococcus aureus* ATCC 25923.

Determination of active compound rate has been done chemically and microbiologically to determine existence of linear relation among both. Determination of active compound rate chemically done with iodometri method while microbiologically done with diffusion cylinder method use Mueller Hinton media.

Result of research and data analysis use regression test at $\alpha = 0,05$ showing existence of linear relation which have a meaning between *N*-(4-chlorobenzoyl)cephalexin rate by iodometri (variable x) and microbiological (variable y). This relation is expressed with equation mark with lines $y = 0,227 x + 4,361$ ($n = 5$; $r = 0,956$; $F = 32,035$) for *Staphylococcus aureus* ATCC 25923.

Keywords:

N-(4-chlorobenzoyl)cephalexin, iodometri, antibacterial activity.