

**POLITEKNIK KESEHATAN TANJUNGPONOROGO PROGRAM STUDI  
TEKNOLOGI LABORATORIUM MEDIS PROGRAM SARJANA  
TERAPAN**

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**Perbandingan Angka Kapang Khamir Pada Jamu Kunyit Asam Gendong Di  
Pasar Tradisional Dengan Kunyit Asam Kencur Kemasan Di Depot Jamu  
Kota Bandar Lampung**

xv + 35 halaman, 4 tabel, 8 gambar, 13 lampiran

**ABSTRAK**

Jamu adalah obat tradisional yang berisi beberapa bahan tanaman menjadi penyusun jamu. Jamu kunyit asam merupakan salah satu jamu yang dijual oleh pedagang jamu. Jumlah jamur yang besar, menunjukkan mutu jamu yang dihasilkan. Jamur yang menghasilkan toksin dapat meracuni organ tubuh. Tujuan penelitian ini mengetahui perbandingan angka kapang khamir pada jamu kunyit asam gendong di pasar tradisional dengan jamu kunyit asam kemasan di depot jamu Kecamatan Jati Agung. Jenis penelitian deskriptif kuantitatif dengan desain komparatif. Analisis data menggunakan uji T Independent. Hasil penelitian dari 12 jamu kunyit asam yaitu, 6 jamu kunyit asam gendong di pasar tradisional dan 6 jamu kunyit asam kemasan di depot jamu. Hasil angka kapang khamir 6 jamu kunyit asam gendong  $12 \times 10^2$  sampai  $75 \times 10^4$  koloni/ml didapatkan hasil 3 jamu kunyit asam tidak memenuhi syarat pada sampel B  $75 \times 10^4$  koloni/ml, sampel E  $3 \times 10^4$  koloni/ml dan sampel F  $95,5 \times 10^3$  koloni/m dengan hasil persentase memenuhi syarat 50% sedangkan tidak memenuhi syarat 50%. Hasil angka kapang khamir 6 jamu kunyit asam kemasan  $0,6 \times 10^2$  sampai  $32 \times 10^2$  koloni/g dengan hasil persentase 100%. Hasil analisis p value 0,256 tidak ada perbedaan signifikan pada jamu kunyit asam gendong dengan kemasan.

Kata Kunci : Angka Kapang Khamir, Jamu Kunyit Asam Gendong, Jamu Kunyit Asam Kemasan

Daftar Bacaan : 41 (1993-2020)

TANJUNGKARANG HEALTH POLYTECHNICAL TECHNOLOGY STUDY  
PROGRAM APPLIED MEDICAL LABORATORY PROGRAM

Thesis, 5 July 2022

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The Comparison of Yeast Mold Numbers in Carrying Acid Turmeric Herbal Medicine in Traditional Markets with Packaged Turmeric Acid Kencur at Herbal Medicine Depots in Bandar Lampung City

xv + 35 pages, 4 tables, 8 pictures, 13 attachments

**ABSTRACT**

Jamu is a traditional medicine that contains several plant ingredients that make up herbal medicine. Tamarind turmeric herbal medicine is one of the herbs sold by herbal medicine traders. The large number of mushrooms indicates the quality of the herbs produced. Fungi that produce toxins can poison body organs. The purpose of this study was to compare the number of yeast molds in the herbal turmeric acid gendong in traditional markets with packaged sour turmeric herbs at the herbal medicine depot, Jati Agung District. This type of quantitative descriptive research with a comparative design. Data analysis using Independent T test. The results of the study of 12 jamu turmeric acid, namely, 6 jamu turmeric tamarind in traditional markets and 6 packaged jamu turmeric tamarind at the herbal medicine depot. The results of yeast mold numbers 6 tamarind turmeric herbs carrying  $12 \times 10^2$  to  $75 \times 10^4$  colonies/ml showed that 3 sour turmeric herbs did not meet the requirements in sample B  $75 \times 10^4$  colonies/ml, sample E  $3 \times 10^4$  colonies/ml and sample F  $95,5 \times 10^3$  colony/m with the percentage results that meet the requirements of 50% while not meeting the requirements of 50%. The results of yeast mold numbers 6 jamu turmeric acid packaging  $0.6 \times 10^2$  to  $32 \times 10^2$  colonies/g with a percentage yield of 100%. The results of the analysis of p value 0.256 there was no significant difference in the jamu turmeric acid gendong with packaging.

Keywords            Yeast Mold Numbers, Carrying Acid Turmeric Herb, Packaged Turmeric Acid Herb

Reading List        : 41 (1993-2020)