



Artikel Riset

Tittle in Bahasa (Font Century 16)

*Tittle in English (Font Century 11)*Author1^{1*}, Author2²

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INFORMASI ARTIKEL

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ABSTRAK

Abstract: In English. 100-250 words. Font Century 9

Abstrak: Tuliskan abstrak dalam Bahasa Indonesia dan Bahasa Inggris maksimum 250 kata. Pada bagian ini dijelaskan minimal pengenalan tentang (1) **Background** (2) **tujuan penelitian**, (3) **metode penelitian**, dan (4) **hasil penelitian** (5) **Kesimpulan**. Dokumen ini merupakan format panduan bagi penulis untuk menulis manuskrip yang siap dipublikasikan pada BIOCITY: *Journal of Pharmacy Bioscience and Clinical Community*. Para penulis harus mengikuti petunjuk yang diberikan dalam panduan ini.



A. PENDAHULUAN

Article should be written in **English** or **Bahasa Indonesia**. The length of submitted paper is at least 7 pages and no more than 20 pages in A4 paper. The article should be without any page numbering and composed as follows: **Abstract, Introduction, Method, Result and Discussion, Conclusion, Acknowledgements** (if any), and **Bibliography**.

Manuscripts are typed on standard A4 paper (21 cm x 29.7 cm) in a one-column and one-spaced format. Using 3-3-2-2 cm (left-top-right-bottom) margin, 7.5 cm width for each column with 1 cm space between columns, using "Times New Roman", 12 pt font size, and single spacing. Manuscripts written in English or Bahasa Indonesia with a number of pages not exceeding 20 pages. For manuscripts written in Indonesian, the use of foreign words written in *italic*. Accepted document formats are **.doc / .docx**, otherwise these formats are automatically rejected.

In Introduction (Pendahuluan) This section should provide background information relevant to the study. The objective of the study based on problem phenomena as well as their relationship with existing theories or latest research should be clearly stated. Show the novelty of existing research.

Biocity Journal of Pharmacy Bioscience and Clinical Community publishes 2 issues per year (October and April). The aim of Biocity Journal is to publish high-quality articles dedicated to all aspects of the latest outstanding developments in the field of pharmaceutical sciences, biosciences and clinical community from authors world-wide

Research article are original and innovative reports which represent the major advance in pharmacy, bioscience, or clinical community with deep discussion in the understanding of a significant problem. They should have no more than 50 references. Research article usually typed between 3,000 ~ 6,000 words of text (including references, note and captions) are expected to present a major advance. Experimental procedure should be given in sufficient detail to support the reports.

Short communication are short report that presenting preliminary result with potentially exceptional relevance or giving details of new models, innovative methods, techniques or apparatus. Short communication article should be no more than 3000 words (including references, notes and captions) and must at least has 10 primary references.

Review article are summaries of excellent scientific research articles which deal with specific research area of high interest in any area that fall under BIOCITY: Journal of Pharmacy Bioscience and Clinical Community scope. Review article can be written up to 7000 words (including references, note and caption) and around 80% of references must be come from primary articles.

B. METODOLOGI

Alat dan Bahan

Alat yang digunakan dalam penelitian ini adalah baskom, sendok, pisau,

lesung/tumbukan, ayakan 80 mesh, timbangan analitik, cawan porselen, oven, deksikator, gelas ukur, penjepit kayu, tissue, aquades pH meter, spektrofotometer UV-Vis, labu takar, botol vial, kuvet, methanol, dan larutan DPPH 20 ppm. Bahan yang digunakan adalah beras, temulawak, bangle, temugiring, kencur, daun pucuk asam, dan air.

Uji aktivitas antioksidan IC₅₀

Pengujian aktivitas antioksidan pada masker *lo'i monca* berdasarkan (Djapiala et al., 2013) yaitu sebagai berikut: Untuk uji antioksidan pada masker *lo'i monca* sebanyak 0,2 gram akan dimasukkan ke dalam labu takar 10 ml dan ditambahkan 10 ml metanol sampai tanda batas. Larutan yang sudah diencerkan ditambahkan 2 ml larutan DPPH 20 ppm dimasukkan ke dalam botol vial. Kemudian, diinkubasi selama 30 menit pada suhu ruang. Campuran yang sudah diinkubasi dimasukkan dalam kuvet dan serapannya diukur pada panjang gelombang 517 nm dengan spektrofotometer UV-Vis

Adapun rumus (%) inhibisi:

$$(\%) \text{ inhibisi} = \frac{(A_0 - A_1)}{A_0} \times 100\%$$

Keterangan:

(%) inhibisi : persentase hambat antioksidan

A₀ : absorbansi blanko

A₁ : absorbansi larutan uji

Methods should be described in sufficient detail to allow others to reproduce the results. The inclusion and exclusion criteria for participant selection and statistical methods should be stated clearly. Novel experimental should be described in detail. If previous researcher method is used, please describe briefly that method and describe in detail if you make any modification to the procedure.

In this section please write informed consent which has been obtained (if applicable). Patients have a right to privacy that should not be infringed without informed consent. Identifying information, including patients' names, initials, or hospital numbers, should not be published in written descriptions, photographs, and pedigrees unless the information is essential for scientific purposes and the patient (or parent or guardian) gives written informed consent for publication.

C. HASIL DAN PEMBAHASAN

Hasil Analisis Kimia Masker Wajah Lo'i Monca

Analisis uji kimia laboratorium telah dilakukan pada sediaan masker bubuk *lo'i monca* dengan parameter yang dianalisis meliputi analisis nilai pH, analisis kadar air dan analisis aktivitas antioksidan. Parameter hasil uji kimia masker *lo'i monca* dapat dilihat pada tabel 1.

Tabel 1. Hasil pengujian kimia pada sediaan masker bubuk *lo'i monca*.

No	Parameter Uji	Hasil Pengujian Laboratorium			Rata-rata
		Ulangan 1	Ulangan 2	Ulangan 3	
1	Nilai pH	7,08	7,09	7,08	7,08
2	Kadar Air	13%	13,5%	13,5%	13,3%
3	Aktivitas Antioksidan	(Nilai IC ₅₀)			14,47 ppm

Sumber: Data Primer Diolah Tahun 2021.

Uji aktivitas Antioksidan IC₅₀

Nilai kontrol dari tiga sampel pengujian masker bubuk lo'i monca dihasilkan aktivitas antioksidan IC₅₀ adalah sebesar 14,47 ppm.

IC₅₀ Antioksidan diperoleh sebesar 14,47 ppm. Berdasarkan Molynux (2004), semakin kecil nilai IC₅₀ menandakan semakin tinggi aktivitas antioksidannya. Hal ini menunjukkan bahwa masker lo'i monca pada pengujian ini memiliki aktivitas antioksidan yang sangat kuat karena berada pada nilai IC₅₀ kurang dari 50 ppm. Tingginya aktivitas antioksidan pada nilai IC₅₀ diduga karena kandungan pada bahan pembuatan masker bubuk lo'i monca mempunyai kandungan antioksidan. Sebagaimana yang dijelaskan oleh Khalil (2016) bahwa beras putih mempunyai kandungan antioksidan yang dapat menangkal radikal bebas pada kulit.

Results were presented in a format that easily understood in the form of 2D figures and tables and written as a whole story. Tables are not allowed in figure form. The title of tables and figures should be stated briefly. Discuss for original research conducted on the findings of the study in relation to other relevant studies. The discussion focused on the main study outcomes. Implications of the study described clearly. For case report, the discussion should compare the case with the published literature. Evaluate the case and a rationale management of the patient, and the reasons for selecting one procedure may also be provided clearly.

D. SIMPULAN

Conclusion linked to the objectives of the study. Example: Hasil pengujian laboratorium yang memenuhi syarat adalah kadar pH dikarenakan nilai pH berada pada kisaran 4,5-8,0, sedangkan hasil pada kadar air tidak memenuhi syarat SNI dikarenakan nilai kadar air melebihi dari 10% dan hasil aktivitas antioksidan nilai IC₅₀ sediaan masker bubuk lo'i monca tergolong antioksidan sangat kuat karena berada pada nilai IC₅₀ kurang dari 50 ppm. Hasil uji mutu kimia sediaan masker lo'i monca yaitu pengujian kadar pH dengan nilai rata-rata adalah 7,08, uji kadar air dengan nilai rata-rata adalah 13,3%, dan nilai IC₅₀ pada uji aktivitas antioksidan sebesar 14,47 ppm.

UCAPAN TERIMA KASIH

It should acknowledge any research assistants or others who provided help during the research (e.g., carrying out the literature review; producing, computerizing and analyzing the data; or providing language help, writing assistance or proof-reading the article, etc.). Lastly, it should acknowledge the help of all individuals who have made a significant contribution to improving the paper (e.g. by offering comments or suggestions).

KONTRIBUSI PENULIS

Hasil Penulis mendeklarasikan bahwa selama penelitian dan penulisan artikel ini kontribusi penulis terbagi secara merata. Penyusunan konsep penelitian, uji laboratorium, pengolahan data dan penulisan artikel oleh T.W.N.K dan D.T.

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DAFTAR PUSTAKA

References are numbered with the appearance of the article not in alphabetical order. A total of 80% of used references should include primary literature and published in the last 10 years. The minimal number of references is 20 references. Written in "APA style 7th edition"

We encourage the author(s) to use **Mendeley** to help manage the reference system in the manuscript. Please note the example of writing a references as follows:

1. **Articles:** Levita J, Syafitri DM, Supu RD. (2018). Pharmacokinetics of 10-gingerol and 6-shogaol in the plasma of healthy subjects treated with red ginger (*Zingiber officinale* var. Rubrum) suspension. *Biomedical Repositories*. 9(6):474-482.
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3. **Dissertation and Thesis:** Mahyuzar. (2010). Dinamika komunikasi antarbudaya pasca tsunami: studi dramaturgis dalam kegiatan kemasyarakatan antar warga korban tsunami dan interaksi dengan orang asing di Banda Aceh (disertasi). Bandung: Universitas Padjadjaran.
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5. **Online:** Acevedo-Rodríguez P, Strong MT. (2012). Catalogue of the seed plants of the West Indies. *Smithsonian Contrib Bot*. 98: 1192. Available at: <https://repository.si.edu/bitstream/handle/10088/17551/SCtB-0098.pdf?sequence=2&isAllowed=y> [accessed on October 2022]

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