

**JURNAL ILMIAH TEKNIK KIMIA, PAMULANG UNIVERSITY**  
**GUIDE FOR AUTHOR**

**ARTICLE TITLE IN TWO LANGUAGES**  
**(Times New Roman, 12pt, bold, capitalized each word)**

*Article Title (Times New Roman, 12pt, bold, Italic, Capitalized each word)*

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*Received: .....; Revised: .....; Accepted: ..... (10pt, TNR, italic)*

**ABSTRAK (TNR, 10pt, bold)**

Abstrak ditulis dalam bahasa Indonesia dan Inggris berisi uraian singkat tentang isi keseluruhan artikel yang mencakup pendahuluan, teori, metodologi, hasil dan kesimpulan. Abstrak ditulis dalam satu alinea/paragraf, maksimum 200 kata dalam bahasa Indonesia dan 150 kata dalam bahasa Inggris menggunakan huruf Times New Roman (TNR), 10 pt, spasi tunggal , indentasi kanan dan kiri 1 cm dari batas margin.

**Kata kunci:** 5 kata kunci (10pt, TNR)

***ABSTRACT (TNR, 10pt, bold, Italic)***

*The Abstract should be written in Bahasa Indonesia and English. It contains a short description of the whole article, which consists of an introduction, theory, materials and methods, results, and conclusion. It consists of one paragraph and should be no more than 200 words in Indonesian and 150 words in English using Times New Roman (TNR) font, size 10 pt, single spacing, and 1 cm left and right indent from the margin border.*

**Keywords:** 5 keywords (10pt, TNR, Italic)

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## GENERAL RULES

The manuscript is written in A4 paper format (210 mm x 297 mm) with top margins of 2.5 cm, bottom margins of 2.5 cm, left margins of 2.5 cm, and right margins of 2 cm. The manuscript consists of 2 columns with a 1 cm spacing between columns, using TNR 12 font size. The indentation for the first sentence in each paragraph is 1 cm. The maximum length of the manuscript is 8 pages, including appendices. The spacing between lines and between paragraphs is single.

The manuscript is organized into 4 headings: INTRODUCTION, MATERIALS AND METHODS, RESULTS AND DISCUSSION, and CONCLUSION. Headings are written in capital letters. ACKNOWLEDGMENTS (if any), REFERENCES, and APPENDICES (if any) are written sequentially after the conclusion and are not numbered at the beginning. Headings for English manuscripts are as follows: INTRODUCTION, MATERIALS AND METHODS, RESULTS AND DISCUSSION, CONCLUSION. ACKNOWLEDGMENTS (if any), REFERENCES, and APPENDICES (if any)

are written sequentially after the Conclusion. Subheadings (if any) are written without numbering, with the first letter of each word capitalized, bold, and indented 1 cm.

The use of footnotes is not permitted. Symbols or signs must be written clearly and consistently. Foreign terms are written in italics. Abbreviations must be written out in full when mentioned for the first time, after which only the abbreviation is used.

## INTRODUCTION (TNR, 12 pt, bold)

The introduction contains the background, theoretical basis, objectives, or urgency of the research, written narratively in paragraphs; no special subheadings are needed. Reference sources use APA Styles, written according to the style used, and use reference applications such as Mendeley, Zotero, etc. Example: Adsorption speed is a function of surface area (Ronald, 2021). If more than one reference is used, they are written using a comma (,), example: Measurement of active compound concentration was performed using the spectrometry method (Jesse, 2009), (Hendry, 2017). All equations are numbered in the order of their appearance, written at the right margin edge, and created using the equation editor.

$$(x + a)^n = \sum_{k=0}^n \binom{n}{k} x^k a^{n-k} \quad (1)$$

## MATERIALS AND METHODS (TNR, 12 pt, bold)

The tools and materials used in scientific research must be rational, empirical, and systematic.

The research methods contain the research stages, including the method and research design, written clearly.

## RESULTS AND DISCUSSION (TNR, 12 pt, bold)

This section presents information about the findings and research results. Research data can be presented in the form of tables, figures, or graphs with the following provisions:

**Table writing (if any):** Tables are placed immediately after being mentioned in the text.

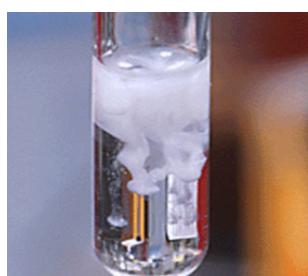
Tables use only horizontal lines, written in TNR font 10. The table title is written above the table and centered.

The word "Table" and the table number are written in bold.

**Table 1.** Product Composition (TNR, 10pt)

Composition	Content	
	Sample 1	Sample 2
Sugar	2,0%	2,1%
NaCl	0,05%	0,04%
Vitamin C	1000 IU	1000 IU

**Figure writing (if any):** Figures are placed immediately after being mentioned in the text. Figures are placed symmetrically within the column, but if the figure is large enough, a one-column format can be used. Figure captions are written in TNR 10 pt. The word "Figure" and the figure number are written in bold. Figures that have been published by other authors must cite the source in the figure caption. Graphs are displayed with a simple presentation without background colors or gridlines. [Image placeholder: Reaction illustration]



**Figure 1.** Product Reaction at pH 4 (TNR, 10pt)

## **CONCLUSION (TNR, 12pt, bold)**

Conclusions can be specific and general. Specific conclusions are the results of data analysis or hypothesis testing regarding the phenomenon studied. General conclusions are the result of generalization or connection with previous publications.

## **ACKNOWLEDGMENTS (TNR, 12pt, bold)**

Acknowledgments are addressed to official institutions or individuals as funders or those who have made other contributions to the research.

## **REFERENCES (TNR, 12pt, bold)**

The bibliography contains references and books used in this research.

The bibliography is written using APA Style, numbered according to the order of citation in the manuscript, and created in parallel in two columns. The number of reference sources in one article is at least 10 sources, with 80% being primary sources and 80% being publications from the last 10 years. Primary reference sources are sources that directly refer to a specific scientific field, relevant to the research topic, and have been tested. Primary reference sources can be scientific papers in accredited international or national journals, research results in dissertations, theses, or undergraduate theses. Books (textbooks) are included as secondary reference sources. The procedure for writing the bibliography is as follows:

### **References from Journals**

Michael, K., Mietek, J. (2001). Gas adsorption characterization of ordered organic-inorganic nanocomposite materials. *Chem. Mater.*, 13(10): 3169-3183, <http://doi.org/10.1021/cm01019>.

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Slifka M.K., Whitton J.L. (2000). Clinical implications of dysregulated cytokine production. *J Mol Med.* <https://doi.org/10.1007/s001090000086>

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Robert, G.M. (2008). Physical Chemistry, 3rd ed. Elsevier Academic Press, Theobald's Road. London. UK. pp. 484-574.

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Brown, B., Aaron M. (2001). The politics of nature. In: Smith, J. (ed) The rise of modern genomics, 3rd eds. Wiley, New York, pp 230-257

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Cartwright, J. (2007). Big stars have weather too. IOP Publishing Physics Web. <http://physicsweb.org/articles/news/11/6/16/1>, diakses 26 June 2017

### **Refererences from Dissertations**

Trent, J.W. (1975). Experimental acute renal failure. Dissertation, University of California

### **Refererences from Specific Data**

Anonim. (1969). 19<sup>th</sup> Annual Book of ASTM Standards Part 17, ASTM, Philadelphia. p.636.

### **Refererences from Unpublished Reports**

Stumpf, R., Gonze, X., Scheffler, M. (1990). Fritz- Haber Institute Research Report. Tidak dipublikasikan.