

Website: <http://ejournal.undip.ac.id/index.php/reaktor/>

Reaktor, Vol. XX No. X, Month Year XXXX, pp. Xxx-xxx

Article Title

Author 1^{1,2,*}, Author 2¹, Author 3², and Author 4³

¹Department of Chemical Engineering, Faculty of Engineering, Universitas Diponegoro
Jl. Prof. Soedarto, SH, Tembalang, Semarang

²Laboratory of Material Technology, UPT Terpadu Laboratory, Universitas Diponegoro
Jl. Prof. Soedarto, SH, Tembalang, Semarang

³Center of Biomass and Renewable Energy (C-BIORE), UPT Terpadu Laboratory, Universitas Diponegoro
Jl. Prof. Soedarto, SH, Tembalang, Semarang

*) Corresponding author: j.reaktor@che.undip.ac.id

(Received: xx xx xxxx; Accepted: xx xx xxxx; Published: xx xx xxxx)

Abstract

Abstract title is written with Times News Roman style (10 pt and bold) and centered format. The body text of abstract was written italic style (10 pt) amounts 150-200 words, with left margin and right margin 25 mm and 20 mm from edge. The abstract should be clear, concise, and descriptive. This abstract should provide a brief introduction to the problem (preferably 1-2 sentences, objective of paper, research method in short, and a brief summary of results. The abstract should end with a comment on the significance of the results or a brief conclusion. The abstract is preferably not more than 300 words. Keywords written under the abstract text arranged in alphabetical order and separated by a semicolon. Title keywords written with regular format with 10 pt bold font while the key words in italics (italic).

Keywords: abstract; keyword; tittle; writing guidelines

Copyright © 2024 by Authors, Published by Department of Chemical Engineering Universitas Diponegoro. This is an open access article under the CC BY-SA License <https://creativecommons.org/licenses/by-sa/4.0>

How to Cite This Article: Author 1, Author 2, Author 2), and Author 4 (2021), Changes of Powder Composition during Foam Mat Drying of Tomato Juice: Influences of Glycerol Monostearate Concentration and Storage Condition, Reaktor, xx (x), xx - xx, <https://doi.org/10.14710/reaktor.xx.x.xx-xx>

INTRODUCTION

The initiative to commence with publication of a new journal **REAKTOR** as a part of the Indonesian initiative for national cooperation is described. REAKTOR serves as an international forum for dissemination of original research papers, reviews and discussions on the latest developments in chemical engineering and other related fields. The scope of the journal is broad and no limitations except the requirement to a high relevance to chemical engineering. The criteria for the acceptance

of papers are dully based on their originality, scientific quality of work and clarity of style. Given the primary goals for the new journal published by the Department of Chemical Engineering – Universitas Diponegoro, the establishment of the international editorial board, and experience was obtained in 10 years of publishing. All manuscripts are subject to evaluation by at least two reputable experts. The official language of the journal is English. The editor and editorial board make the final decision about the acceptance of a manuscript. The

final version of each accepted manuscript is subject to metric (SI units and IUPAC recommendations) and English language editing. A galley proof will be sent to the corresponding authors prior to publication. Article processing charge is imposed on the accepted manuscript to ensure that all published manuscripts. REAKTOR was issued in April, August, and December. The journal had successfully maintained its status as an accredited national journal as stipulated by Directorate General of Research Empowering and Developments, Ministry of Research, Technology and Higher Education through SK No. 60/E/KPT/2016 for the next of five years (2016 to 2021) with p-ISSN No. 0852-0798 (printed version) and e-ISSN No. 2407-5973 (electronic version). In 2018 it was ranked SINTA 2 through SK No. 30/E/KPT/2018. As an accredited national journal, REAKTOR had developed an online article management system. Hence, all the submission and review processes are conducted online. Since 2022, REAKTOR is fully published on the internet with a unique DOI number three times in each year to ensure that its only publishes high quality manuscripts. Reactor has been indexed by some indexing machines such as; [Indonesia Citation Index](#), [Google Scholar](#), [Portal Garuda](#), [E-print UNDIP](#), [Open access articles](#), [Research Bible](#), [World Cat](#), [SHERPA/RoMEO](#) and DOAJ.

WRITING METHOD

General Instructions

Articles should be written on A4 paper (210 x 297 mm). Articles are written without page numbers and arranged in the following order: Title, Abstract, Keywords, Introduction, Research Method (or Model Development), Results and Discussion, Conclusions, Acknowledgments (if any), Notation List (if any) and References.

Writing Guidelines

The article begins with the title of the article written with Title Case format, font 16 pt bold. The title is an opportunity to attract the reader's attention. Remember that readers are the potential authors who will cite your article. Identify the main issue of the paper. Begin with the subject of the paper. The title should be accurate, unambiguous, specific, and complete. Do not contain infrequently-used abbreviations.

The author's name is written under the title with the Title Case format, font 12 pt bold. The author's name is written in full without an academic degree. Apostrophes are written behind the author's name in superscript format. The name of the institution (institution, address, phone number, facsimile number and e-mail) is written under the author's name with the theme of Times New Roman with Title Case format, 10 pt. If the author is more than one, should be written email for the correspondence author (corresponding author). Article title, author's name and institutional name are written flat center. The

distance between the title and the author's name is 2 spaces (10 pt) and between the author's name and the institution name is 1 space (10 pt).

The contents of the article are written with a left margin of 25 mm, right margin 20 mm, bottom margin 20 mm and top margin 30 mm. The header distance from the edge of the paper is 20 mm, and the footer distance from the edge of the paper is 13 mm. Articles are written in MS Word program with Times New Roman font type, 10 pt font, 1 space and in two column formats. The maximum number of article pages is 10 (including pictures and tables) and written justified. The beginning of the paragraph is written indented by a distance of 1 cm and the distance between paragraphs is 10 pt.

Subtitles are written in bold with UPPER CASE format and arranged align left with no number and underscore. Sub subtitles are written in bold with Title Case format and arranged align left with no number and underscore. Sub sub subtitles are written in bold with Sentence case format and arranged align left without numbers and underscores.

RESULTS AND DISCUSSION

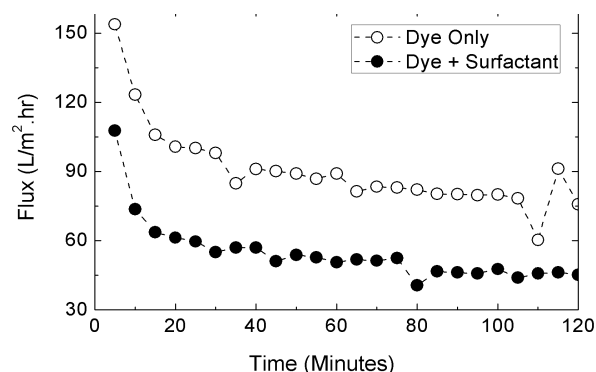


Figure 1. Flux Profile of Dye and Mixture of Dye and Surfactant Ultrafiltration at Remazol Blue concentration of 90 mg/l

Figures and Tables

Figures and Tables are placed in groups of text and annotated. The figure is followed by the caption placed under the figure and the table followed by the caption placed on the table. The figures and the tables are numbered. The figure is guaranteed to be printed clearly even though it is reduced to 50%. The figure is not framed. For colorful images or graphics, please send as many as 300 dpi if you want to print in color. Tables with no vertical lines, whereas horizontal lines are only shown in 3 main horizontal lines i.e. 2 horizontal lines for the column headings and 1 closing line for the bottom row.

Table 1. The microalgae composition of the *Tetraselmis chuii* species

Component	Composition (%w/w)
-----------	-----------------------

α -sellulose	47.2
Hemisellulose	35.5
HWS	17

Equations

The equations are written center and numbered in parentheses. The number is placed at the end of the right margin of the column.

$$D = \frac{A}{(v_{rel}^2 \rho_a)^2} + B \left(\frac{M_{air}}{M_{liq}} \right)^{-\beta} \quad (1)$$

Quote Writing

The writing system quotes a manuscript or literature using the Harvard system. The literature source is composed only of the author's name and the year of its publication. Examples: Attempts to search for better heat storage systems have been widely used, including the latent heat melting of PCM (Yanadoro and Matsuda, 2006 for one or two authors; Smith et al., 2011 for more than two authors). According to (2010),etc.

CONCLUSION

Articles submitted / registered online by accessing the website of the Reaktor with the following address: <https://ejournal.undip.ac.id/index.php/reaktor/about/submissions#onlineSubmissions>. Author must have a username and keyword to be able to register the article. Metadata must be filled in completely. The article should be supplemented by a Declaration Letter stating that the article is free from conflict and plagiarism. For prospective Authors who have not been able to submit online can contact the Editor via E-mail with the address j.che@che.undip.ac.id

The submitted articles will be reviewed by the Editorial Board and/or Reviewers. Correspondence will be addressed to the corresponding author. The author should immediately improve the article according to the reviewer's instructions. If the article has been declared acceptable, either the Main Revision or Minor Revision, the Author must correct it no later than 15 days after the notice. If the author does not improve his article more than 15 days, then when submitting the article will be considered as a new registration (New Submission).

The editor reserves the right to reject articles submitted if irrelevant to the field of chemical engineering, not up to date or have been published in other scientific magazines.

NOTATION

Notation is written alphabetically. Latin letters are written first, followed by an Arabic letter.

CONFLICT OF INTEREST

Financial contributions and any potential conflict of interest must be clearly acknowledged under the heading 'Conflict of Interest'. Authors must list the source(s) of funding for the study. This should be done for each author.

ACKNOWLEDGEMENTS

All individuals listed as authors must have contributed substantially to the design, performance, analysis, or reporting of the work and are required to indicate their specific contribution. Anyone (individual/company/ institution) who has substantially contributed to the study for important intellectual content, or who was involved in the article's drafting the manuscript or revising must also be acknowledged.

REFERENCES

References are listed alphabetically without numbering and the distance between the bibliography is 1 space (10 pt). The rules of writing used are as follows:

Magazine/scientific journal/proceedings:

Zhu, A., Li, D., Zhu, T. and Zhu, X., (2025). Tailored SrFeO_{3-δ} for chemical looping dry reforming of methane. *Green Chemical Engineering*, 6(1), pp.102-115.
<https://doi.org/10.1016/j.gce.2024.04.003>

Yusuff, A.S., Popoola, L.T. and Ibrahim, I.S., (2025). Adsorptive removal of anthraquinone dye from wastewater using silica-nitrogen reformed eucalyptus bark biochar: Parametric optimization, isotherm and kinetic studies. *Journal of the Taiwan Institute of Chemical Engineers*, 166, p.105503.
<https://doi.org/10.1016/j.jtice.2024.105503>

Book:

Fogler, H.S., (2006), *Elements of Chemical Reaction Engineering*, 4th, Prentice Hall International, Upper Sadle River, New Jersey, pp. 47-93

Dissertation/thesis:

Djaeni, M., (2008), *Energy Efficient Multistage Zeolite Drying for Heat Sensitive Products*, PhD Thesis, Wageningen University, The Netherlands.

Patent:

van Reis, R.D., (2006), *Charged Filtration Membranes and Uses Therefore*, US Patent 7,001,550.

Handbook:

Knothe, G., van Gerpen, J., and Krah, J., (2005), *The Biodiesel Handbook*, AOCS Press, Campaign, Illionis, USA, pp. 70-84

Mujumdar, A.S. and Hasan, M., (2006), *Drying of Polymers in Handbook of Industrial Drying*, editor

A.S. Mujumdar, 3rd ed, Marcel Dekker, New York,
pp. 954-97