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Manuscript Preparation Guidelines

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Abstract

Abstract title is written with Times News Roman style (10 pt and bold) and centered format. The distance between abstract with Author address is 2 spaces (10 pt). The body text of abstract was written italic style (10 pt) amounts 150-200 words, with left margin and right margin 35 mm and 30 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. Key words 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; title; writing guidelines*

INTRODUCTION

Reaktor is published since 1997 with 2 (two) issues every year, i.e. June and December. In 2012, Reaktor is published every April and October. Starting in 2016, Reaktor is published 4 (four) times a year i.e. March, June, September and December. Reaktor is a journal that has been accredited by SK No. 60/E/KPT/2016 with p-ISSN No. 0852-0798 and e-ISSN No. 2407-5973. Articles in the Reaktor come from articles submitted to the Reaktor Editor and after going through the review process by the Editorial Board and/or Mitra Bebestari. Articles submitted must be free from plagiarism and autoplagiarism.

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Articles can be written in either English or Indonesia. Articles can be results of research, state of the art studies, and analysis and problem solving in

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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. Abstracts and Titles are written in 2 (two) languages namely Indonesian and English.

Writing Guidelines

The article begins with the title of the article written with UPPER 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.

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RESULTS AND DISCUSSION

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%. Figure is not framed. For colorful images or graphics, please send as many as 300 sheets 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.

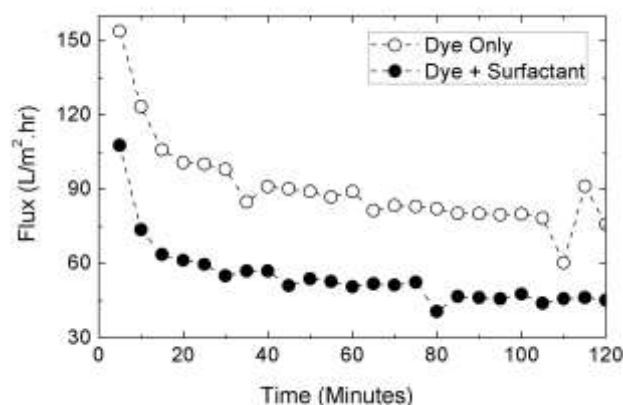


Figure 1. Flux Profile of Dye and Mixture of Dye and Surfactant Ultrafiltration at Remazol Blue concentration of 90 mg/l

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

Component	Composition (%w/w)
α -cellulose	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

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Book :

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

Disertation/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 Krahl, 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. 954-978.