## JKPK

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The manuscript should be written in good and correct Indonesian in accordance with the Enhanced Spelling (EYD) or in English. To avoid unnecessary errors authors are strongly advised to use the "spell-check" and "grammar-check" functions of the word-processor. Regular manuscripts should be prepared with the headings Introduction, Methods, Results and Discussion, Conclusion, Acknowledgement,

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## METHODS (Arial Bold, 11)

Research methods depend on the research design used. Methodological descriptions in experimental research will be different from research studies, action research, case study research or other types of research. Experimental research should be contained the materials and instruments used, and procedures. For chemical education research it describes at least includes participants, research design, data types and data collection techniques, intrument validity, and data analysis. If any chart is made clearly. For procedures that have already been published in other journals, do not need to be written in detail, simply by writing the citation. (Arial, 10, space $1,5)$

## RESULTS AND DISCUSSION

Results and discussion contains explanations about the results of research that are analyzed and synthezed sharply and critically. The sharpness of analysis and synthesis at least includes descriptions of work findings, sharp discussions, and critical comparisons with the work of others. Results and Discussion can be written using subchapters if there are several variables used. The positions and styles of sub chapters follow the example below. The space between sub chapters and text is 2 space. (Arial, 10, space $1,5)$.

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Tables and figures sent separately from the text, should be included in the text, not separated. Original resolution of the tables and
figure (charts, images) should be attached in separate pages after the References page of the text structure.

## a. Tables (space 1,5, before \& after 6 pt)

The position of tables entered in the text is adjusted. The size of the letters, the type, and the spacing of the tables may not be the same as the one used in the text. If the table contents of a bit can be made as wide as columns for paper size with 2 columns with the example in table 1. However, if the content is too much can be made as wide as paper for 1 column like the example in table 2.

| No | Aspec to be <br> valued | Score |  |  |  |  |  |  |
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| 1 | Characteris- <br> tic Material | 18,0 | 16,5 | 15,7 |  |  |  |  |
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| 3 | Language | 8,0 | 9,0 | 7,6 |  |  |  |  |
| Total score |  |  |  |  |  | 34,0 | 34,2 | 31,9 |

Tabel 1. Data hasil penilaian angket dan lembar observasi karakter oleh ahli, pendidik dan teman sejawat

Table 2. Textural parameters of mesoporous carbon materials after removal silica at different condition

| Sample | SBET | $\mathrm{S}_{\text {me }}$ | $\% \mathrm{me}$ | $\mathrm{V}_{\mathrm{t}}$ | $\mathrm{D}_{\mathrm{a}}$ | $\mathrm{D}_{\mathrm{b}}$ | $\mathrm{a}_{0}$ | $t$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\left(\mathrm{~m}^{2} / \mathrm{g}\right)$ | $\left(\mathrm{m}^{2} / \mathrm{g}\right)$ |  | $\left(\mathrm{cm}^{3} / \mathrm{g}\right)$ | $(\mathrm{nm})$ | $\mathrm{nm})$ | $(\mathrm{nm})$ | $(\mathrm{nm})$ |
| OMCG-1h | 536 | 443 | 83 | 0,52 | 3,5 | 3,5 | TD | TD |
| OMCG-6h | 756 | 636 | 85 | 0,99 | 5,2 | 4,3 | 10,53 | 5,43 |
| OMCG-24h | 480 | 373 | 78 | 0,97 | 4,5 | 4,1 | 10,06 | 5,36 |

## b. Figures

Picture and charts descriptions are written below the picture and charts by using sequential figures numbering, eg Figure 1., Figure 2., and so on. Figures placement is attempted under the corresponding text, not too far as in the example below.

## 1) Charts/graphs Example

Below is an example to explain the graph depicted in picture 1. Description is written in singled space and made indented 1 Tab.


Figure 1. Curve of Nitrogen adsorptiondesorption isotherms from the mesoporous carbon material to the relative pressure (P/Po).

## 2) Figure Example

The example of the following figure is sorted as Figure 2.


Figure 2. TEM Image of carbon mesoporous material after removal of silica using: a. HF 10\%; b.HF 20\%; c. HF 30\% and d. HF 40\%.

## a) Reaction Example

For long reactions it should be presented as wide as a paper with 1 column as shown in Figure 3.

## b) Equation Example

The reaction equation is expressed in a separate line of text with blank spaces above and below, The equation must be clear and the expression used is described in the text. The equations are numbered with Arabic letters in parentheses as in the example below:

$$
\begin{equation*}
x^{2}+y^{2}+z^{2}=1 \tag{1}
\end{equation*}
$$



Gambar 3. Interaksi model of Lignocellulosic sulphonate with basic violet 10.

## CONCLUSION

Conclusions are written clearly and succinctly. Conclusions are not recom-mended to repeat sentences that have been written in the formulation of problems or research objectives. Conclusions should be supplemented by theoretical contributions to previous research,
research implications, research weaknesses and future research. (Arial, 10, space 1,5 )

## ACKNOWLEDGEMENT

Generally the last paragraph of the paper is the place to acknowledge people, organizations, and financing (you may state
$\qquad$
grant numbers and sponsors here). (Arial, 10, space 1,5).

## REFERENCES (Arial Bold, 11)

[1] B. K. Hubbard and C. T. Walsh, "Der Aufbau von Vancomycin : so macht es die Natur Angewandte," Angew. Chemie, vol. 115, no. 7, pp. 752-789, 2003. (An example Article in Journal with 2 authors)
[2] S. Mulyani et al., "The thioesterase Bhp is involved in the formation of $\beta$ hydroxytyrosine during balhimycin biosynthesis in amycolatopsis balhimycina," ChemBioChem, vol. 11, no. 2, pp. 266-271, 2010. (An example

## Article in Journal with more than 2 authors)

[3] S. Pelzer and W. Wohlleben, "Analysis of the Biosynthesis of Glycopeptide Antibiotics: Basis for Creating new Structures by Combinatorial Biosynthesis," in Microbial Fundamentals of Biotechnology, V. Braun and F. Götz, Eds. Weiheim: Wiley-VCH Verlag GmbH, 2001, pp. 139-150. (An example Chapter in Book, Book section)
[4] E. A. Birge, Bacterial and Bacteriophage Genetics, 5th ed. New York: Springer Science+Business Media, Inc, 2006. (An example Whole Book)
(Arial, 10, spasi 1).

