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Journal of Science and Technology - Manuscript ID JST-3265-2021

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27-Oct-2021

Dear **Dr. Hasanudin,**

Your manuscript entitled "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite" has been successfully submitted online and is presently being given full consideration for publication in the Journal of Science and Technology.

Your manuscript ID is JST-3265-2021.

Please mention the above manuscript ID in all future correspondence or when calling the office for questions. If there are any changes in your street address or e-mail address, please log in to ScholarOne Manuscripts at <https://mc.manuscriptcentral.com/upm-jst> and edit your user information as appropriate.

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Thank you for submitting your manuscript to the Journal of Science and Technology.

Sincerely,
Journal of Science and Technology Editorial Office



Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

Journal of Science and Technology - Decision on Manuscript ID JST-3265-2021 (AA)

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16 Desember 2021 07.50

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16-Dec-2021

Dear Dr. Hasanudin,

Manuscript ID JST-3265-2021 entitled "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite" which you submitted to the Journal of Science and Technology, has been reviewed. The comments of the reviewer(s) are included at the bottom of this letter. I invite you to respond to the reviewer(s) comments and revise your manuscript.

To revise your manuscript, log into <https://mc.manuscriptcentral.com/upm-jst> and enter your Author Center, where you will find your manuscript title listed under "Manuscripts with Decisions." Under "Actions," click on "Create a Revision." Your manuscript number has been appended to denote a revision.

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IMPORTANT: Your original files are available to you when you upload your revised manuscript. Please delete any redundant files before completing the submission.

Because we are trying to facilitate timely publication of manuscripts submitted to the Journal of Science and Technology, your revised manuscript should be submitted BEFORE 30 December 2021. If it is not possible for you to submit your revision by this date, we may have to consider your paper as REJECT.

Once again, thank you for submitting your manuscript to the Journal of Science and Technology and I look forward to receiving your revision.

Sincerely,
Chief Executive Editor, Journal of Science and Technology

Reviewer(s)' Comments to Author:

Reviewer: 1 (with attachment)

Comments to the Corresponding Author

Since a discussion on the determination of bentonite and Na-bentonite CEC value was provided, the author should elaborate and give qualitative insight based on the result in Table 1. What does it mean through the CEC value toward the bentonite and Na-bentonite? What would the author anticipate through this result?

X-ray diffractogram in Figure 1 is recommended to label the peaks with different symbols representing montmorillonite, Mo and MoP. This would easily engage the reader by looking at the diffractogram.

'...while MoP-Bentonite has many gaps and is covered by small oval-shaped spots indicating the presence of molybdenum phosphide.'

The description of the small oval-shaped spots on the SEM micrograph for MoP-bentonite is not distinct. It could be improved by circling the small oval-shaped on the MoP-bentonite.

In the EDS analysis, why P element is present at 0.24% before introducing MoP?

Why did the percentage of DIPE conversion show a slight increase from 2 to 4 mEq but the acidity of the catalysts indicated a significant difference from 2 to 4 mEq?

Reviewer: 2

Comments to the Corresponding Author

Dear Author:

This paper, presented a very interesting report for Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite. The overall structure and writing indeed require a significant improvement. I really would like to see this article in Journal of Science and Technology after minor revisions.

1. Add the type of devices used to the MATERIALS AND METHODS section.
2. The conclusion should only include the achievements and benefits of the study. No further explanation is needed.

Best Regards

Reviewer: 3 (with attachment)

Comments to the Corresponding Author

General comments

The authors study the dehydration of isopropyl alcohol to diisopropyl ether over MoP-Pillared Bentonite catalyst. The work is nicely done, with appropriate analysis and discussion. However, several points of attentions are needed:

The authors should indicate in Fig.1 the significant peak at 2theta that belong to N-bentonite and MoP-bentonite

The authors said that pillarization of bentonite is successful when there is a shift at 2theta below 5degree but why the XRD was conducted above 5degree?

The authors should mark or spot the presence of MoP on bentonite in the SEM images (Fig.2) as the author's explained by "covered by a small oval-shaped spots"

The text needs English syntax revision, the authors use a mix of present, past, active form and passive form.

Other comments can be found in the manuscripts.

2 lampiran**JST-3265-2021-MS-Rev-Kit---Comments-on-MS--RW01-.pdf**

439K

**JST-3265-2021-MS-Rev-Kit---Comments-on-MS--RW03-.pdf**

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Cc: journal.officer-2@upm.edu.my, executive_editor.pertanika@upm.edu.my

23-Dec-2021

Dear Dr. Hasanudin,

Recently, you received a decision on Manuscript ID JST-3265-2021, entitled "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite." The manuscript and decision letter are located in your Author Center at <https://mc.manuscriptcentral.com/upm-jst>.

This e-mail is simply a reminder that your revision is due in one week. If it is not possible for you to submit your revision within the due date, we will consider your paper as REJECT.

You may also click the below link to start the revision process (or continue the process if you have already started your revision) for your manuscript. If you use the below link you will not be required to login to ScholarOne Manuscripts.

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Sincerely,
Journal Officer
Journal of Science and Technology Editorial Office
journal.officer-2@upm.edu.my

Thank you for giving us the opportunity to submit a revised draft of the manuscript “Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite” for publication in the Journal of Science and Technology. We appreciate the time and effort that you and the reviewers dedicated to providing feedback on our manuscript and are grateful for the insightful comments on and valuable improvements to our paper. We have incorporated most of the suggestions made by the reviewers. Those changes are highlighted within the manuscript. Please see below, in red, for a point-by-point response to the reviewers’ comments and concerns.

Reviewers' Comments to the Authors:

Reviewer 1

- **Comment :** Since a discussion on the determination of bentonite and Na-bentonite CEC value was provided, the author should elaborate and give qualitative insight based on the result in Table 1. What does it mean through the CEC value toward the bentonite and Na-bentonite? What would the author anticipate through this result? (page 7, line 41)

Response: Thank you for pointing this out. We have added the explanation regarding CEC value toward the bentonite and Na-bentonite.

The revised text reads as follows:

“The CEC value obtained from natural bentonite was 165.85 mEq/100g and Na-Bentonite was 279.15 mEq/100 g. The increase of CEC indicates that Na⁺ cations would be easily exchanged through pillarization by Mo⁶⁺ metal (Mnasri-Ghnimi & Frini-Srasra, 2014). This trend was consistent with a previous report (Kıpçak & Kalpazan, 2020). The greater the CEC value, the more Mo⁶⁺ metal could replace the Na⁺ cations. If the CEC value of Na-Bentonite was smaller than bentonite, it indicates that the cationic exchange would occur irreversibly and was difficult to exchange with other ions (Mnasri et al., 2017).”

- **Comment :** Check the reference format (page 5, line 30)

Response: We thank the reviewer for pointing this out. We think we've used an appropriate reference format based on the Journal of Science and Technology, APA-reference style (7th edition). However, we have fixed some errors.

- **Comment :** In the EDS analysis, why P element is present at 0.24% before introducing MoP? (page 8, line 49)

Response: Thank you for pointing this out. Since the bentonite material we used was from nature (natural bentonite), hence it might be possible to contain elements such as P. Similar result was reported by (Abdou et al., 2013), which contained P₂O₅ of 0.16 % (for local bentonite).

Reference: Abdou, M. I., Al-sabagh, A. M., & Dardir, M. M. (2013). Evaluation of Egyptian bentonite and nano-bentonite as drilling mud. Egyptian Journal of Petroleum, 22(1), 53–59. <https://doi.org/10.1016/j.ejpe.2012.07.002>

- **Comment** : Typo on the chemical formula (page 14, line 18)
• **Response**: Thank you for pointing this out. We have corrected the typo.
- **Comment** : X-ray diffractogram in Figure 1 is recommended to label the peaks with different symbols representing montmorillonite, Mo and MoP. This would easily engage the reader by looking at the diffractogram.
Response: We agree with this and have incorporated the reviewer suggestion throughout the manuscript. Thank you. However, we would like to inform that we have changed the term of montmorillonite into bentonite for the consistency purpose, since the bentonite and montmorillonite are the same thing.
- **Comment** : ‘...while MoP-Bentonite has many gaps and is covered by small oval-shaped spots indicating the presence of molybdenum phosphide.’ The description of the small oval-shaped spots on the SEM micrograph for MoP-bentonite is not distinct. It could be improved by circling the small oval-shaped on the MoP-bentonite.
Response: We think this is an excellent suggestion. We have circled the small oval-shaped on the MoP-Bentonite. We also would like to clarify that our first SEM micrograph was at 10k magnification. We changed the magnification to 5k in order to see the small oval-shaped more clearly on the MoP-bentonite
- **Comment** : Why did the percentage of DIPE conversion show a slight increase from 2 to 4 mEq but the acidity of the catalysts indicated a significant difference from 2 to 4 mEq?
Response: Thank you for pointing this out. The acidity value indeed directly proportional to the catalyst’s ability, but the acidity is not the only determinant of conversion yield. In addition, it is necessary to optimize the variable in the dehydration process.

Reviewer 2

- **Comment** : Add the type of devices used to the MATERIALS AND METHODS section.
Response: Thank you to the reviewer. As suggested by the reviewer, we have added the type of devices used to the materials and methods section as follows:
X-Ray Diffraction (Rigaku Minu Flex 600)
GC-MS (Thermo Scientific)
SEM-EDX (JSM 6510)
UV-Vis spectrophotometer (Shimadzu)
GC-MS (Thermo Scientific)

- **Comment** : The conclusion should only include the achievements and benefits of the study. No further explanation is needed.

Response: Thank you for the reviewer suggestion. We have removed the specific explanation and changed with the achievements and benefits of the study.

The revised text as follows:

“The characterization showed that the pillarization of bentonite using molybdenum phosphide had been successfully synthesized and inherently increased the surface area, pore-volume, diameter volume, and total acidity of the Na-Bentonite catalyst. The highest conversion of DIPE product formed using 4 mEq/g MoP-Bentonite catalysts and gave the highest total acidity compared to Na-Bentonite and other catalysts. The MoP-Bentonite catalyst showed good catalytic activity for DIPE production.”

Reviewer 3

- **Comment** : What technique/analysis is used? (line 23, page 2)
Response : Thank you for pointing this out. We used the gravimetric method to determine total acidity. We have added it to the abstract.
- **Comment** : write in full GS-MS (line 25, page 2)
Response : Thank you. We have written GC-MS in full text. GC-MS is the acronym of Gas Chromatography-Mass Spectroscopy
- **Comment** : check unit (line 32, page 2)
Response : Thank you for pointing this out. We have checked and revised the unit. It should be mEq/g
- **Comment** : indicate the source (company etc) (line 5, page 11)
Response : Thank you. As suggested by the reviewer, we have added the source of bentonite. We used natural bentonite from Bayan, Central Java
- **Comment** : contradict from previous sentence. pls check the value 3 mEq/g? (line 54, page 9)
Response : Thank you for pointing this out. The reviewer is correct. We made mistake, It should be 4 mEq/g. The conversion yield of 3 mEq/g catalyst was 62.89 %, it was clearly not the highest conversion yield.
- **Comment** : please state the percentage of the previous study by other researchers.
Response : Thank you for pointing this out. We have added the suggested content to the manuscript. We have stated the percentage of the previous study by other researchers.

- **Comment** : mEq/g - formatting - correct accordingly (Table 4)
Response : Thank you. We have changed the format from “mEq / g” to “mEq/g”
- **Comment** : The authors should indicate in Fig.1 the significant peak at 2theta that belong to N-bentonite and MoP-bentonite
Response: We agree with this and have incorporated the reviewer suggestion throughout the manuscript. Thank you. However, we would like to inform that we have changed the term of montmorillonite into bentonite for the consistency purpose, since the bentonite and montmorillonite are the same thing.
- **Comment** : The authors said that pillarization of bentonite is successful when there is a shift at 2theta below 5degree but why the XRD was conducted above 5 degree?
Response: Thank you for pointing this out. We have deleted the sentence. It is not appropriate for inclusion in this manuscript and cannot be analyzed because we did not conduct the small angle X-ray Diffraction Analysis (below 5 degree).
- **Comment** : The authors should mark or spot the presence of MoP on bentonite in the SEM images (Fig.2) as the author’s explained by “covered by a small oval-shaped spots”
Response: Thank you for pointing this out. As suggested by the reviewer, we have marked or spotted the presence of small oval-shaped on the MoP-Bentonite. We also would like to clarify that our first SEM micrograph was at 10k magnification. We changed the magnification to 5k in order to see the small oval-shaped more clearly on the MoP-bentonite.
- **Comment** : The text needs English syntax revision, the authors use a mix of present, past, active form and passive form.
Response: In addition to the above comments, all spelling and grammatical errors pointed out by the reviewers have been corrected. Thank for the valuable reviewer comments and corrections.



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Journal of Science and Technology - Manuscript ID JST-3265-2021.R1

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29-Dec-2021

Dear Dr. Hasanudin,

Your manuscript entitled "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite" has been successfully submitted online and is presently being given full consideration for publication in the Journal of Science and Technology.

Your manuscript ID is JST-3265-2021.R1.

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Thank you for submitting your manuscript to the Journal of Science and Technology.

Sincerely,
Journal Officer
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Journal of Science and Technology - Decision on Manuscript ID JST-3265-2021.R1 (AA)

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17-Jan-2022

Dear Dr. Hasanudin,

Manuscript ID JST-3265-2021.R1 entitled "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite" which you submitted to the Journal of Science and Technology, has been reviewed. The comments of the reviewer(s) are included at the bottom of this letter. I invite you to respond to the reviewer(s) comments and revise your manuscript.

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IMPORTANT: Your original files are available to you when you upload your revised manuscript. Please delete any redundant files before completing the submission.

Because we are trying to facilitate timely publication of manuscripts submitted to the Journal of Science and Technology, your revised manuscript should be submitted BEFORE 24 January 2022. If it is not possible for you to submit your revision by this date, we may have to consider your paper as REJECT.

Once again, thank you for submitting your manuscript to the Journal of Science and Technology and I look forward to receiving your revision.

Sincerely,
Chief Executive Editor, Journal of Science and Technology

Reviewer(s)' Comments to Author:

Reviewer: 3 (with attachment)

Comments to the Corresponding Author

The manuscript has been revised and acceptable for publication.

There are typos that need to be corrected.

 **JST-3265-2021.R1-MS-Rev-Kit---Comments-on-MS--RW03-.pdf**
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18-Jan-2022

Dear Dr. Hasanudin,

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Your manuscript ID is JST-3265-2021.R2.

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Journal Officer
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Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

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19-Jan-2022


Dear Dr. Hasanudin:

It is a pleasure to accept your manuscript entitled "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite" in its current form for publication in the Journal of Science and Technology.

You are now required to duly complete the attached "Copyright Agreement" and return it to journal.officer-2@upm.edu.my. Please refer to <http://www.pertanika.upm.edu.my/pjst/publishing-charge> to make payment (Pertanika Journal Processing Fee - USD 250). After the Copyright Agreement & Proof of Payment is received by our office, you shall then receive an official acceptance letter in due course of time.

Thank you for your fine contribution. On behalf of the Editors of the Journal of Science and Technology, we look forward to your continued contributions to the Journal.

Sincerely,
Chief Executive Editor, Journal of Science and Technology

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Dear Author,

I acknowledge receipt of your email and the attachments (*copyright & proof of payment*). Your Manuscript ID. JST-3265-2021 is tentatively queued for publication in JST Vol. 30 (2) Apr. 2022. Hence, an official acceptance email will be issued in mid March 2022.

Do let me know if you need the official acceptance email earlier.

Thank you.

--

(Mrs. Kanagamalar on behalf of Chief Executive Editor)

Please cc your email to executive_editor.pertanika@upm.edu.my

Dr. Mohammad Jawaid**Chief Executive Editor** (UPM Journals)**PERTANIKA EDITORIAL OFFICE**

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On Thu, Jan 20, 2022 at 11:39 AM Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id> wrote:

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Thank you for processing our manuscript for publication.

Best regards

Hasanudin



Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

URGENT: Manuscript ID. JST-3265-2021 - Minor Comments (Format)

1 pesan

JOURNAL OFFICER MALAR / UPM <journal.officer-2@upm.edu.my>

18 Februari 2022 15.12

Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

Cc: PERTANIKA EXECUTIVE EDITOR / UPM <executive_editor.pertanika@upm.edu.my>

Dear Author,

Your **Manuscript ID. JST-3265-2021** has been tentatively accepted for publication in the *Pertanika Journal of Science & Technology*. Therefore, I invite you to respond to the comments on format and revise your manuscript accordingly. Modifications must be made **ONLY** on the comments given. **ANY OTHER MODIFICATIONS ARE NOT CONSIDERED.**

The corrections on format should be made in a **separate** word document and sent back to me via email (journal.officer-2@upm.edu.my) latest by **21 February 2022**.

Due to time constraints, if we do not receive your response by **21 February 2022**, your article **shall be pulled out** and will not be published in an upcoming issue.

--

*(Mrs. Kanagamalar on behalf of Chief Executive Editor)*Please cc your email to executive_editor.pertanika@upm.edu.my

Dr. Mohammad Jawaid**Chief Executive Editor** (UPM Journals)**PERTANIKA EDITORIAL OFFICE**

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Email 2: executive_editor.pertanika@upm.edu.my (Chief Executive Editor)**JST-3265-2021.R2 Hasanudin (Amended MS) 18 January 2022.pdf**

359K



Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

Response to Editor Manuscript ID: JST-3265-2021

1 pesan

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

19 Februari 2022 12.01

Kepada: journal.officer-2@upm.edu.my

Cc: executive_editor.pertanika@upm.edu.my

Dear editors,

Here we submit responses to the editor for our manuscript ID JST-3265-2021

We thank you for all your hard work in processing our manuscript publication.

Sincerely

2 lampiran



RESPONSE AUTHOR TO THE EDITOR JST-3265-2021.R2.docx

13K



JST-3265-2021.R2.docx

608K

MANUSCRIPT ID: JST-3265-2021.R2

Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite

Hasanudin Hasanudin, Wan Ryan Asri, Kristina Tampubolon, Fahma Riyanti, Widia Purwaningrum & Karna Wijaya

RESPONSE TO EDITOR

Comment: Not listed in references list?

Response: We have added the references accordingly as follows:

“Mnasri-Ghnimi, S., & Frini-Srasra, N. (2014). Promoting effect of cerium on the characteristic and catalytic activity of Al, Zr, and Al-Zr pillared clay. *Applied Clay Science*, 88–89, 214–220. <https://doi.org/10.1016/j.clay.2013.10.030>”



Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

Re: URGENT: Manuscript ID. JST-3265-2021 - Minor Comments (Format)

1 pesan

JOURNAL OFFICER MALAR / UPM <journal.officer-2@upm.edu.my>

21 Februari 2022 07.12

Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

Cc: PERTANIKA EXECUTIVE EDITOR / UPM <executive_editor.pertanika@upm.edu.my>

Dear Author,

I acknowledge receipt of your email and the attachment.

Thank you.

--

*(Mrs. Kanagamalar on behalf of Chief Executive Editor)*Please cc your email to executive_editor.pertanika@upm.edu.my.

Dr. Mohammad Jawaid**Chief Executive Editor** (UPM Journals)**PERTANIKA EDITORIAL OFFICE**

Bangunan Putra Science Park

1st Floor, Tower II, UPM-MTDC Technology Centre

Universiti Putra Malaysia

43400 Serdang, Selangor, Malaysia

Email 1: journal.officer-2@upm.edu.my (Pertanika JST)

Tel: + 603 9769 1620

Email 2: executive_editor.pertanika@upm.edu.my (Chief Executive Editor)

On Sat, Feb 19, 2022 at 1:01 PM Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id> wrote:

Dear editors,

Here we submit responses to the editor for our manuscript ID JST-3265-2021

We thank you for all your hard work in processing our manuscript publication.

Sincerely



Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

URGENT (expiry 48 hours): FOR PROOF-READING [JST-3265-2021]-SCHEDULED FOR PUBLICATION IN PJST Vol. 30(2) April 2022

3 pesan

Pre Press Jessey <upmjournals.prepress3@upm.edu.my>

21 Maret 2022 09.24

Kepada: hasanudin@mipa.unsri.ac.id, wanryanryan@gmail.com, tampubolonkristina4@gmail.com, fatechafj@yahoo.com, purwaningrum@unsri.ac.id, karnawijaya@ugm.ac.id

Cc: PERTANIKA EXECUTIVE EDITOR / UPM <executive_editor.pertanika@upm.edu.my>

Greetings,

URGENT: Due to time constraints, your response is compulsory within 48 hours of working days.

Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite

Manuscript ID. JST-3265-2021

Thank you for choosing Pertanika as your preferred journal.

We are pleased to inform you that your manuscript titled above is currently undergoing the publication process and is **time-bound**.

Attached is the preprint version of your accepted article that will be available for earlier publication in the Pertanika Journal of Science and Technology upon approval of CEE and EiC. Please note that the preprint of your article will be registered a DOI and is citable.

Your article (*softcopy in PDF*) is attached for your **immediate and thorough** proofreading. Indicate any changes in your manuscript in the pdf version attached. Use **RED** for **minor addition** and **BLUE** for **minor deletion**. Alternatively, if you do not wish to use the PDF editor, you may list out the corrections or minor changes on a separate **Microsoft word**.

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Please send your **reply within 48 hours** (*working days*) of this email, at the latest **before 12 p.m. on 23 March 2022 (Wednesday)-Malaysia Time Zone.**

Thank you and stay safe.

Sincerely,

Wong Lih Jiun, Ph.D. on behalf of CEE

Publication Officer (Pre-Press)

Putra Science Park Building, 1st Floor,
IDEA Tower II, UPM-MTDC Technology Centre,
Universiti Putra Malaysia,
43400 Serdang, Selangor, Malaysia.

Email: upmjournals.prepress3@upm.edu.my

Website: <http://www.pertanika.upm.edu.my/>


Please cc your email to executive_editor.pertanika@upm.edu.my

Chief Executive Editor (UPM Journals)

JOURNAL DIVISION | UPM Press

Universiti Putra Malaysia



 **47 JST-3265-2021.pdf**
1460K

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Kepada: Pre Press Jessey <upmjournals.prepress3@upm.edu.my>

21 Maret 2022 13.20

Dear Editor,

We have proofread the manuscript, and we have decided to make a change in order to make the manuscript clearer and more understandable. We attached the list of corrections as well as the revised Figure. We appreciate Editors/Reviewers' warm work earnestly and hope that the correction will meet with approval. Thank you.

[Kutipan teks disembunyikan]

2 lampiran

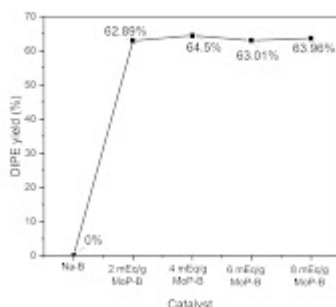


Figure 4 Revision.jpg
767K

 **List of correction Manuscript ID. JST-3265-2021.docx**
21K

Pre Press Jessey <upmjournals.prepress3@upm.edu.my>
Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>
Cc: PERTANIKA EXECUTIVE EDITOR / UPM <executive_editor.pertanika@upm.edu.my>

24 Maret 2022 09.04

Dear author,

Greetings.

Thank you for getting back to us so promptly.

We received the attachment and we have made the corrections to the paper.

Take care and have a nice day.

[Kutipan teks disembunyikan]

[Kutipan teks disembunyikan]

Title : Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite

Manuscript ID: JST-3265-2021

Author name : Hasanudin Hasanudin, Wan Ryan Asri, Kristina Tampubolon, Fahma Riyanti, Widia Purwaningrum, and Karna Wijaya

List of the corrections and Clarification

Dear Editor, we are sorry for the inconvenience. We have proofread the manuscript and considered changing the term "conversion" to "yield". Since we studied the conversion of isopropyl alcohol to isopropyl ether, we calculated the yield product of DIPE; therefore, the phrase of DIPE conversion should be inaccurate. Consequently, we also changed the y-axis label (The revised figure was attached). Hence, for the purpose of clarity, we hope Editor considers our request and revision. Since we cannot use the PDF editor, herein, we list all the corrections along with the words and page as clearly as possible. We appreciate Editors/Reviewers' warm work earnestly and hope that the correction will meet with approval.

No	Correction	Page
1	CHANGE.. dehydration conversion activity TO.. DIPE yield	Page 1, in abstract
2	CHANGE.. the highest conversion of DIPE TO.. the highest yield of DIPE	Page 1, in abstract

3	<p>CHANGE..</p> <p>DIPE conversion of 64.5%</p> <p>TO..</p> <p>DIPE yield of 64.5%</p>	<p>Page 1, in abstract</p>
4	<p>CHANGE..</p> <p>increase DIPE conversion</p> <p>TO..</p> <p>increase DIPE yield</p>	<p>Page 2, in paragraph 3</p>
5	<p>CHANGE..</p> <p>dehydration conversion activity</p> <p>TO..</p> <p>DIPE yield</p>	<p>Page 3, in introduction section, last paragraph</p>
6	<p>CHANGE..</p> <p>DIPE conversion</p> <p>TO..</p> <p>DIPE yield</p>	<p>Page 6, catalyst characterization section, first paragraph</p>

7	<p>CHANGE</p> <p>DIPE conversion</p> <p>TO..</p> <p>DIPE yield</p>	<p>Page 10, Catalyst characterization section, last paragraph</p>
8	<p>CHANGE..</p> <p>The percentage conversion of DIPE</p> <p>TO..</p> <p>The percentage yield of DIPE</p>	<p>Page 10, Isopropyl Alcohol Dehydration Conversion section, first paragraph</p>
9	<p>CHANGE..</p> <p>conversion</p> <p>TO..</p> <p>yield</p>	<p>Page 11, after the Figure 4, on paragraph</p>
10	<p>CHANGE..</p> <p>DIPE conversion</p> <p>TO..</p> <p>DIPE yield</p>	<p>Page 11, caption Figure 4</p>

11	CHANGE.. DIPE conversion (%) TO.. DIPE yield (%)	Page 11, y-axis label of Figure 4
12	CHANGE.. the highest conversion of DIPE TO the highest yield of DIPE	Page 12, conclusion section



Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

OFFICIAL ACCEPTANCE OF MANUSCRIPT ID. JST-3265-2021.R2 FOR PUBLICATION

3 pesan

Journal of Science and Technology <onbehalf@manuscriptcentral.com>

2 Maret 2022 06.46

Balas Ke: journal.officer-2@upm.edu.my

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Cc: hasanudin@mipa.unsri.ac.id, hasanudinkf@gmail.com, wanryanryan@gmail.com, tampubolonkristina4@gmail.com, fatechafj@yahoo.com, purwaningrum@unsri.ac.id, karnawijaya@ugm.ac.id

02-Mar-2022

Dear Author(s),

I am writing to you in reference to an article entitled, "Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite" author(s): Hasanudin, Hasanudin; Asri, Wan ; Tampubolon, Kristina; Riyanti, Fahma; Purwaningrum, Widia; Wijaya, Karna submitted to Pertanika on 27-Oct-2021 for intended publication in JST.

Your paper has been anonymously peer-reviewed by two to three referees competent in the specialized areas appropriate to your manuscript independently evaluating the scientific quality of the manuscript.

I am pleased to tell you that based on the clarity, technical approach and scientific validity presented; your paper has been accepted by the Editorial Board on 19-Jan-2022, and is TENTATIVELY scheduled for publication in JST Vol. 30 (2) Apr. 2022.

I thank you for considering Pertanika as your preferred Journal.

Sincerely,
Journal Officer
Journal of Science and Technology

Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

31 Maret 2022 12.03

Kepada: journal.officer-2@upm.edu.my

Dear Journal Officer,

We have received that our manuscript titled Dehydration Isopropyl Alcohol to Diisopropyl Ether over Molybdenum Phosphide Pillared Bentonite [manuscript ID: JST-3265-2021] have been accepted for publication to Pertanika Journal of Science and Technology. As Journal Officer told earlier, Our manuscript is tentatively scheduled for publication in JST Vol. 30 (2) Apr. 2022. However, we did not see that our manuscript is listed on the Pre Press Articles so far (link: <http://www.pertanika.upm.edu.my/pjst/browse/prepress-issue>). We need further information regarding our manuscript status. Thank you.

Best regards,

Hasanudin
[Kutipan teks disembunyikan]

JOURNAL OFFICER MALAR / UPM <journal.officer-2@upm.edu.my>

31 Maret 2022 14.39

Kepada: Hasanudin Hasanudin <hasanudin@mipa.unsri.ac.id>

Cc: PERTANIKA EXECUTIVE EDITOR / UPM <executive_editor.pertanika@upm.edu.my>

Dear Author,

Please visit Pertanika's website for further details (<http://www.pertanika.upm.edu.my/pjst/browse/prepress-issue>).

--

(Mrs. Kanagamalar on behalf of Chief Executive Editor)

Please cc your email to executive_editor.pertanika@upm.edu.my

Dr. Mohammad Jawaid

Chief Executive Editor (UPM Journals)

PERTANIKA EDITORIAL OFFICE

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Tel: + 603 9769 1620

Email 2: executive_editor.pertanika@upm.my (Chief Executive Editor)

[Kutipan teks disembunyikan]