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**[Chemica] Submission Acknowledgement**

1 pesan

**Maryudi** <maryudi@che.uad.ac.id>

14 April 2020 13.07

Kepada: Rachma Tia Evitasari &lt;rachma.evitasari@che.uad.ac.id&gt;

Rachma Tia Evitasari:

Thank you for submitting the manuscript, "Improving UV Protection of Cotton Fabrics Dyed with Peristrophe bivalvis Extract using UV Absorber" to CHEMICA: Jurnal Teknik Kimia. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL:

<http://journal.uad.ac.id/index.php/CHEMICA/author/submission/16355>

Username: rachma\_tia

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Maryudi

CHEMICA: Jurnal Teknik Kimia

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CHEMICA<http://www.journal.uad.ac.id/index.php/CHEMICA>email : [chemica@che.uad.ac.id](mailto:chemica@che.uad.ac.id)

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**[Chemica] Editor Decision**

1 pesan

**Maryudi** <maryudi@che.uad.ac.id>

5 Mei 2020 12.36

Balas Ke: Chemica Jurnal Teknik Kimia &lt;chemica@che.uad.ac.id&gt;

Kepada: Rachma Tia Evitasari &lt;rachma.evitasari@che.uad.ac.id&gt;

Rachma Tia Evitasari:

We have reached a decision regarding your submission to CHEMICA: Jurnal Teknik Kimia, "Improving UV Protection of Cotton Fabrics Dyed with Peristrophe bivalvis Extract using UV Absorber".

Our decision is to: Revisions Required

Chemica Jurnal Teknik Kimia  
Universitas Ahmad Dahlan  
[chemica@che.uad.ac.id](mailto:chemica@che.uad.ac.id)

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Reviewer A:ORIGINALITY:  
goodRELEVANCE:  
goodPRESENTATION:  
goodSIGNIFICANCE:  
goodTitle:  
FairAbstract:  
FairIntroduction:  
averageMethodology:  
averageResults:  
averageConclusions:  
averageReferences:  
good

Tables, Graphs and Figures:

good

Comment:

1. The paper already use the correct template.
2. Introduction,
  - In Paragraph 5 and the last line, author mention "Even so, the UV protection of cotton fabrics dyed with natural dyes is still not satisfactory [14]", it better to describe more detail the reason why the result is still not satisfactory?(based on that citation)
  - Author should explain more about the other kind of natural dyes as comparison to Peristrophe bivalvis or Noja leaves.
  - What is the reason author want to observe UV absorber application process on before + after condition? How about just before and after only?
3. Overall, Author should consistently either use Peristrophe bivalvis or Noja Leaves in the whole text.
4. Please explain briefly why before + after dyeing the UPF value slightly high compare to other treatment conditions?esp. for 15% the number is almost twofold then before. But just slightly different with after dyeing?
5. Based on result that shown on Fig 5. 15% before+after show the highest number. Basically which treatment is gives a great effect on UV, before or after?and why?

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Reviewer B:

ORIGINALITY:  
good

RELEVANCE:  
excellent

PRESENTATION:  
average

SIGNIFICANCE:  
good

Title:  
Good

Abstract:  
Good

Introduction:  
good

Methodology:  
average

Results:  
average

Conclusions:  
good

References:  
average

Tables, Graphs and Figures:

average

Comment:

Discussion:

In Table 1 and table 2: It would be much clearer if the pictures are presented with marks necessary to differentiate one another, so the pictures will become visibly meaningful.

Figure 3 and Figure 5: The UPF value of untreated samples may need to be presented.

Table 3 shows insignificant effects of the UV absorbers on the lightfastness and nothing on the washing and rubbing fastness. How do the readers understand the meaning of numbers (1, 2, 3, 4, 5)?

Conclusion:

Can the author say that, in general, the higher the concentration of UV absorbers, the higher the value of UPF?

Acknowledgement:

If the author received a research grant, it is strongly advised to acknowledge the funder.

References:

There is a lack of the reference. Most of the references are outdated (older than 5 years).

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CHEMICA

<http://www.journal.uad.ac.id/index.php/CHEMICA>

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**[Chemica] Editor Decision**

1 pesan

**Maryudi** <[maryudi@che.uad.ac.id](mailto:maryudi@che.uad.ac.id)>

18 Juni 2020 20.37

Balas Ke: Chemica Jurnal Teknik Kimia <[chemica@che.uad.ac.id](mailto:chemica@che.uad.ac.id)>Kepada: Rachma Tia Evitasari <[rachma.evitasari@che.uad.ac.id](mailto:rachma.evitasari@che.uad.ac.id)>

Rachma Tia Evitasari:

We have reached a decision regarding your submission to CHEMICA: Jurnal Teknik Kimia, "Improving UV Protection of Cotton Fabrics Dyed with Peristrophe bivalvis Extract using UV Absorber".

Our decision is to: Accept Submission

Chemica Jurnal Teknik Kimia  
Universitas Ahmad Dahlan  
[chemica@che.uad.ac.id](mailto:chemica@che.uad.ac.id)

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