

JBAT Review Result

From: Jurnal BAT (jurnal.bat@mail.unnes.ac.id)

To: ienwati@yahoo.com

Date: Wednesday, November 20, 2019 at 10:59 AM GMT+7

Dear Dr Noor,

We have reached a decision regarding your submission to Jurnal Bahan Alam Terbarukan entitled "Modification of Spent Bleaching Earth with WO₃ and the Application for Photocatalytic Degradation of Waste Dyes under Solar Light". Based on the reviewers' recommendations, the manuscript requires MINOR REVISIONS before it can be reconsidered for publication in the JBAT. The comments from the reviewer(s) can be found in your JBAT account.

Kind Regards,

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Prof. Dr. Megawati S.T., M.T.

Editor in Chief

Jurnal Bahan Alam Terbarukan (Journal of Biorefinery)

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Reviewer #1:

1. Unclear in certain section of the discussion please revised
2. Fig. 1: The symbols used for designation of peaks needs correcting.
3. Fig. 2: (a) and (b) needs to be around to match discussion
4. Sentence needs to be revised for English.

Reviewer 2:

1. Please add the visible lights that the authors used in method
2. The authors does not state how the effective of the material was used, please add data reusability
3. Please check again grammatical error and the sentence

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Due date revision

Ms. Ref. No.:

Title: Preparation of Dye-Sensitized Solar Cell (DSSC) Using TiO₂ and Mahkota Dewa Fruit (Phaleria Macrocarpa (Scheff) Boerl.) Extract

Response to Reviewer

No.	Comment Reviewer	Response to Reviewer
1.	Reviewer #1: Unclear in certain section of the discussion "The FTIR spectra of mahkota dewa.	The term has been standardize throughout the manuscript
2.	Sentence needs to be revised for English.	The sentence in revised manuscript has been improved for its clarity
3.	give clear argument for the SEM image-	The discussion has been added in SEM image
4.	Please check the figure caption is incorrect,	The symbol have been corrected
	Reviewer 2 :	
5.	Please give the clear argument for the apparatus that be used in electrical test	The experiment using a Heles UX-78 multimeter was exposed to sunlight as a light source for 1 hour at 11:00 to 12:00 am. Furthermore, to determine the durability/storage time of the DSSC, current and voltage measurements were carried out periodically (every day) for 6 days
6.	Rephrased the sentence in discussion	The sentences have been rephrased for clear argument
7.	Give the clear argument why the efficiency test was decrease day by day	The direct sunlight exposure will make that the electrons generated from the excitation process are reduced. Increase the absorption of the quantity of sunlight will influence the effectivity of DSSC because organic dyes will easily decay. The solar light will increase the temperature, then

		<p>greatly affects the stability of the anthocyanin structure, the more unstable the anthocyanin compound which causes damage to the anthocyanin structure. Furthermore, according to Mulyawanti et al. (2018), the concentration of anthocyanins will decrease due to sunlight will occurred Maillard's reaction and resulting the degradation of the anthocyanin become another compound such us furfural compounds.</p>
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JBAT Final Decision

From: Jurnal BAT (jurnal.bat@mail.unnes.ac.id)

To: ienwati@yahoo.com

Date: Friday, December 6, 2019 at 09:11 AM GMT+7

Dear Dr. Noor,

Congratulations, your manuscript, entitled "Modification of Spent Bleaching Earth with WO₃ and the Application for Photocatalytic Degradation of Waste Dyestuff under Solar Light" Based on the reviewers' recommendations, the manuscript has been **ACCEPTED** to be published in the upcoming JBAT Vol. 8 No 2.

Thank you.

Best Regards,

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Prof. Dr. Megawati S.T., M.T.

Editor in Chief

Jurnal Bahan Alam Terbarukan (Journal of Biorefinery)

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