



**Paper: “Détermination des caractères organoleptiques et des constituants physicochimiques de dix plantes photoprotectrices au Mali”**

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Peer review:

Reviewer 1: Robet Emilie Jocelyne

UFR des Sciences et Technologies, Université Alassane Ouattara, Bouaké, Côte d'Ivoire

Reviewer 2: Traore Youssouf Zanga

Université Péléforo Gon Coulibaly, Côte d'Ivoire

Reviewer 3: Blinded

### ESJ Manuscript Evaluation Form 2026

This form is designed to summarize the manuscript peer review that you have completed and to ensure that you have considered all appropriate criteria in your review. Your review should provide a clear statement, to the authors and editors, of the modifications necessary before the paper can be published or the specific reasons for rejection.

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Reviewer Name: ROBET EMILIE JOCELYNE	
University, Country:	
Date Manuscript Received:	Date Review Report Submitted:
Manuscript Title: <b>Investigations physicochimiques et phytochimiques de dix plantes médicinales pour élaborer un produit de protection solaire au Mali</b>	
<b>Physicochemical and phytochemical studies of ten medicinal plants for the development of a sun protection product in Mali</b>	
ESJ Manuscript Number:	
You agree your name is revealed to the author of the paper: <b>YES</b>	
You approve, your name as a reviewer of this paper, is available in the “review history” of the paper: You approve, this review report is available in the “review history” of the paper: <b>YES</b>	

#### Evaluation Criteria:

**Please give each evaluation item a numeric rating on a 5-point scale, along with a thorough explanation for each point rating.**

<b>Questions</b>	<b>Rating Result</b> [Poor] 1-5 [Excellent]
<b>1. The title is clear and it is adequate to the content of the article.</b>	<b>1</b>
<i>(Please insert your comments)</i> Le termes <b>Investigations</b> n'est pas précis. Il fait allusions à une collecte de données. Le terme précis en sciences est <b>DÉTERMINATION DE PARAMÈTRES PHYSICOCHIMIQUES</b>  Les caractéristiques organoleptiques effectuées dans ce travail devraient être inclus dans le titre	

Les termes « <b>pour élaborer un produit de protection solaire au Mali</b> » devraient être reformuler car ils ne font pas l'objectif du travail. De telles affirmations créer une confusion totale dans le travail	
<b>2. The abstract presents objectives, methods, and results.</b>	<b>5</b>
<i>(Please insert your comments)</i>	
<b>Cependant les termes “physicochimiques et les constituants chimiques” ont la même significations. Il serait correcte d'utiliser uniquement “constituants physicochimiques”. Les constistuaunts Physicochimiques sont représentés par la teneur en eaun en cendre...tannin, flavonoids...</b>	
<b>3. There are a few grammatical errors and spelling mistakes in this article.</b>	<b>4</b>
<i>(Please insert your comments)</i>	
<b>4. The study methods are explained clearly.</b>	<b>4</b>
<i>(Please insert your comments)</i>	
<b>Si “QUALITE organoleptique =EXAMEN BOTANIQUE », il faut le préciser</b>	
<b>5. The results are clear and do not contain errors.</b>	<b>4</b>
<i>(Please insert your comments)</i>	
<b>6. The conclusions or summary are accurate and supported by the content.</b>	<b>1</b>
<i>(Please insert your comments)</i>	
<b>A REFAIRE . Les resultats doivent y être résumé</b>	
<b>7. The references are comprehensive and appropriate.</b>	<b>4</b>
<i>(Please insert your comments)</i>	

**Overall Recommendation** (mark an X with your recommendation) :

Accepted, no revision needed	
Accepted, minor revision needed	X
Return for major revision and resubmission	
Reject	

**Comments and Suggestions to the Author(s):**

Dans le titre, a retirer la pespective “**pour élaborer un produit de protection solaire au Mali**” et ajouter “**caractères organoleptiques**” car le travail porte aussi sur cet element

Dans l'introduction, à retirer à retirere également “**qui serviront en perspective pour la mise au point d'un produit de protection solaire à fort indice indispensable pour la protection cutanée des PAA au Mali**”. Cette phrase crée un confusion dans le travail

Dans le terme **Physicochimique**, il y a **physique (teneur en eau, cendre...)** et **chimique (teneur en tannin, flavonoids...)**. la rectification doit être absolument faite.

**Dans la discussion**, il faut comparer les resultats des donnees physicochimiques des poudres avec ceux d'autres travaux.

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University, Country: Cote d'Ivoire	
Date Manuscript Received:	Date Review Report Submitted: 14/03/2026
Manuscript Title: Investigation physicochimique et phytochimique de dix plantes medicinales pour élaborer un produit de protection solaire.	
ESJ Manuscript Number:	
You agree your name is revealed to the author of the paper: YES	
You approve, your name as a reviewer of this paper, is available in the "review history" of the paper:	
You approve, this review report is available in the "review history" of the paper: YES	

#### Evaluation Criteria:

Please give each evaluation item a numeric rating on a 5-point scale, along with a thorough explanation for each point rating.

<i>Questions</i>	<i>Rating Result</i> [Poor] 1-5 [Excellent]
<b>1. The title is clear and it is adequate to the content of the article.</b> <i>(REVOIR LE TITRE Pour la physicochimie vous avez fait ressortir que trois paramètres de même pour l'étude sensorielle que vous appelez organoleptique. Ajustez le titre au travail fait</i>	<b>3</b>
<b>2. The abstract presents objectives, methods, and results.</b> <i>(structure respectée mais conclusion peu claire)</i>	<b>3</b>
<b>3. There are a few grammatical errors and spelling mistakes in this article.</b> <i>(Tout ce qui est en jaune doit être corriger)</i>	<b>3</b>
<b>4. The study methods are explained clearly.</b> <b>Décrire bien la methode de coloration en tubes pour la mise en évidence des phytomolécules</b>	<b>3</b>

<b>5. The results are clear and do not contain errors.</b>	<b>4</b>
<i>(Acceptable)</i>	
<b>6. The conclusions or summary are accurate and supported by the content.</b>	<b>4</b>
<i>(Acceptable)</i>	
<b>7. The references are comprehensive and appropriate.</b>	<b>4</b>
<i>(Please insert your comments)</i>	

**Overall Recommendation** (mark an X with your recommendation) :

Accepted, no revision needed	<input type="checkbox"/>
Accepted, minor revision needed	<input type="checkbox"/>
Return for major revision and resubmission	<input type="checkbox"/>
Reject	<input type="checkbox"/>

**Comments and Suggestions to the Author(s):**

**Apporter les corrections et soumettre à nouveau pour validation**

**Comments and Suggestions to the Editors Only:**

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Reviewer B:

Recommendation: Revisions Required

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**The TITLE is clear and it is adequate to the content of the article.**

Yes , the title is correct

**The ABSTRACT clearly presents objectives, methods, results, and conclusions.**

The summary includes all well-written sections

**There are a few grammatical errors and spelling mistakes in this article.**

There are a few spelling and grammar mistakes to correct in the final version

**The study METHODS are explained clearly.**

According to the title, we expect to see the best plants to use for sun protection for albinos and, if possible, to conduct clinical trials with these plants in order to identify the best ones

**The results are clear and do not contain errors.**

The results are correct

**The CONCLUSION or summary is accurate and supported by the content.**

The results concerning the physicochemical and phytochemical properties were described in detail.

**The list of REFERENCES is comprehensive and appropriate.**

The references are correct

*Please rate the TITLE of this paper.*

[Poor] 1-5 [Excellent]

4

*Please rate the ABSTRACT of this paper.*

[Poor] 1-5 [Excellent]

4

*Please rate the LANGUAGE of this paper.*

[Poor] 1-5 [Excellent]

3

*Please rate the METHODS of this paper.*

[Poor] 1-5 [Excellent]

3

*Please rate the RESULTS of this paper.*

[Poor] 1-5 [Excellent]

3

*Please rate the CONCLUSION of this paper.*

[Poor] 1-5 [Excellent]

3

*Please rate the REFERENCES of this paper.*

[Poor] **1-5** [Excellent]

4

**Overall Recommendation!!!**

Accepted, minor revision needed

**Comments and Suggestions to the Author(s):**

We suggest that the study be expanded with experiments on the skin of albinos in order to identify the best plant if possible.

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