

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Biochemistry</a>
Manuscript Number:	Ms_AJRB_127570
Title of the Manuscript:	Phytochemical Screening, Chromatographic Profiling and Biological Activities of Ethanol Extract of <i>Raphia australis</i>
Type of the Article	Research Article

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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### Review Form 3

#### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	This manuscript is valuable to the scientific community as it highlights the untapped medicinal potential of <i>Raphia australis</i> , a plant that has been underexplored despite its abundance and traditional uses. By identifying biologically active compounds such as proanthocyanidins, phenolic acids, and quinic acid, the study provides a strong foundation for developing anxiolytic and sedative therapies. The rigorous approach to phytochemical screening, toxicity assessment, and behavioral studies ensures that the findings are both robust and relevant. I appreciate this manuscript for its multidisciplinary scope, connecting traditional knowledge with modern pharmacological methods to uncover potential therapeutic applications. The manuscript provides valuable insights into the potential pharmacological properties of <i>Raphia australis</i> , particularly its anxiolytic and sedative effects. The study is well-structured, and the data presented are comprehensive. However, there are areas that need improvement to enhance its overall impact and clarity. Specifically, the abstract should be more concise and include key findings, and the discussion section should provide a deeper exploration of the biological mechanisms involved. Additionally, minor grammatical and formatting errors need to be addressed to improve the manuscript's readability and professionalism. These corrections will help better communicate the significance of this research to the scientific community.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>YES</b>	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	<b>YES, no suggestions</b>	
<b>Are subsections and structure of the manuscript appropriate?</b>	<b>YES</b>	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	This manuscript is scientifically robust and technically sound as it employs a well-designed experimental framework to investigate the anxiolytic and sedative properties of <i>Raphia australis</i> . The methodology is clearly outlined, ensuring reproducibility and reliability of the results. The data analysis is thorough, with appropriate statistical tools used to validate the findings. Furthermore, the study provides a detailed discussion that aligns its results with existing literature, reinforcing the credibility of the conclusions drawn. This meticulous approach underscores the scientific validity of the research.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<b>YES Sufficient</b>	
Minor REVISION comments	YES	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>		
Optional/General comments		

#### PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### Reviewer Details:

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