

Review Form 1.8

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_120112
Title of the Manuscript:	Assessment of Proximate, Mineral, Phytochemical and Antimicrobial Properties of Brassica oleraceae L. Leaf Protein Concentrates
Type of the Article	Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Is the manuscript important for scientific community? <i>(Please write few sentences regarding this manuscript to justify your answer)</i></p>	<p>Yes. The manuscript titled "Assessment of Proximate, Mineral, Phytochemical and Antimicrobial Properties of Brassica oleraceae L. Leaf Protein Concentrates" is scientifically relevant for several reasons. Firstly, it addresses the critical global issues of food insecurity and malnutrition by exploring Brassica oleracea, a widely consumed and accessible vegetable, as an alternative protein source. The comprehensive analysis of proximate composition, mineral content, and phytochemical constituents provides valuable insights into the nutritional profile and potential health benefits of this plant. Additionally, the study's demonstration of antimicrobial properties against multiple microbes highlights its therapeutic potential, supporting the use of plant-based remedies in healthcare. This research contributes to the broader understanding of plant-based nutrition and medicinal applications, offering practical solutions to global health challenges.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>Is the abstract of the article comprehensive?</p>	<p>Yes</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>Do you think the manuscript is scientifically correct? <i>(Please write few sentences regarding this manuscript to justify your answer)</i></p>	<p>Yes, the manuscript is scientifically correct. The study provides a detailed and methodical analysis of Brassica oleracea L. leaf protein concentrates, utilizing standard methods to assess proximate composition, mineral content, phytochemical constituents, and antimicrobial properties. The findings, including significant levels of crude protein, essential minerals, and bioactive compounds, as well as demonstrated antimicrobial potential, are consistent with known properties of Brassica species. Additionally, the research addresses pressing global issues like food insecurity and malnutrition, offering scientifically sound data that supports the nutritional and medicinal value of this plant. The rigorous approach and alignment with existing literature further validate the scientific accuracy of the manuscript.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>In the reference section, the author has cited sources in-text using the authors' names, necessitating an alphabetical listing in the references. However, this format has not been consistently followed. There is variability in the presentation of volume information: some references use bold formatting for volume numbers, while others employ a colon or comma. Additionally, certain references lack volume numbers altogether. To enhance consistency, the author should apply uniform formatting throughout the reference section. Furthermore, the references are presented in a style and font inconsistent with the journal format. Additionally, the author omitted volume, issue, and page numbers for some references (highlighted in the manuscript). The necessary corrections are requested.</p>	

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Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	In the discussion, the author has compared the results with various plant species to support their findings. A minor suggestion would be to include a comparison with other members of the Brassicaceae family, as this would enhance the credibility of their conclusions.	

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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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