

**Review Form 3**

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_127010
Title of the Manuscript:	Exploring the Antioxidant Potential of Fagopyrum esculentum Moench (Common Buckwheat) Leaf Extract
Type of the Article	Original Research Article

## Review Form 3

### PART 1: Review Comments

<u>Compulsory</u> 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)
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.	The article explores the antioxidant potential of <i>Fagopyrum esculentum</i> Moench (common buckwheat) leaf extract, specifically using hydromethanolic extraction. The research focuses on the reducing power and metal ion chelation activities of the extract. The study found that the extract has significant antioxidant properties, suggesting that it could be used in the pharmaceutical, cosmetic, and food industries.	
Is the title of the article suitable? (If not please suggest an alternative title)	Fair	
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.	Fair	
Are subsections and structure of the manuscript appropriate?	Fair	
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.	This manuscript appears scientifically robust and technically sound due to its methodical approach to evaluating the antioxidant properties of buckwheat through well-established assays. The use of statistical analysis to interpret the results further strengthens the scientific rigor, as it allows for an objective evaluation of the data. Additionally, the manuscript contextualizes findings within the existing literature, highlighting the relevance of buckwheat as a functional food source, thereby making a solid contribution to the field of food science and nutraceuticals.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references in this manuscript appear to be comprehensive and cover a range of foundational and recent studies relevant to the antioxidant potential of buckwheat and its applications in food science. However, adding a few more recent references (from the past 3–5 years) could enhance the manuscript's relevance and situate it within the latest research trends. Consider including studies on advanced methods for assessing antioxidant activity, recent developments in functional food ingredients, or comprehensive reviews on buckwheat bioactivity. These additions would provide a more up-to-date scientific context, especially regarding emerging research on bioactive compounds in food science.	
<u>Minor</u> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	The language quality of the article is largely appropriate for scholarly communication. The manuscript is generally clear, well-structured, and follows scientific conventions, with precise terminology relevant to the field. However, minor improvements could enhance readability and flow. A thorough review for consistency in technical terms, grammar, and sentence structure would further strengthen the clarity and scholarly quality, ensuring the language is polished and engaging for an academic audience.	
<u>Optional/General</u> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<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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