

Review Form 3

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

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.	This study is significant as it highlights the antioxidant potential of <i>Fagopyrum esculentum</i> leaf extract, providing insights into its reducing power and metal ion chelation properties. The findings contribute to the field by suggesting potential applications in pharmaceuticals, cosmetics, and food industries. The work is methodologically sound and adds value to existing literature on natural antioxidants.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is clear and reflects the content of the manuscript accurately. No change is suggested.	
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.	The abstract is comprehensive, but I suggest specifying the main results, such as IC50 values, to give a clearer summary of the findings.	
Are subsections and structure of the manuscript appropriate?	The manuscript is well-structured, with appropriate subsections. However, the discussion could benefit from more direct comparisons with existing studies to strengthen the interpretation of the results.	
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.	The manuscript is scientifically sound, employing valid methodologies for evaluating antioxidant properties. The results are well-documented and statistically analyzed, supporting the conclusion that <i>F. esculentum</i> has potential as a natural antioxidant source.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are adequate but could be enhanced with more recent studies (post-2020) to provide updated context. Including sources that relate to the practical applications of antioxidants in food and pharmaceuticals would be beneficial.	
<u>Minor</u> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The language is mostly suitable for scholarly communication, but minor edits for clarity and conciseness would improve readability.	
<u>Optional/General</u> comments	Consider adding potential future applications of the extract in greater detail to emphasize the broader impact of the study.	

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PART 2:

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

Reviewer Details:

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