

Review Form 3

Journal Name:	Asian Journal of Fisheries and Aquatic Research
Manuscript Number:	Ms_AJFAR_128481
Title of the Manuscript:	INVITRO STUDY OF ANTIBACTERIAL POTENTIAL OF <i>Moringa oleifera</i> ETHANOLIC LEAF EXTRACT ON BACTERIA ISOLATED FROM <i>Clarias gariepinus</i>
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript is significant for the scientific community as it provides valuable insights into the phytochemical composition and antibacterial potential of <i>Moringa oleifera</i> , a plant with extensive ethnomedical applications. By bridging traditional knowledge with modern scientific evaluation, the study contributes to understanding the bioactive compounds responsible for its therapeutic effects. Furthermore, the findings highlight the need for optimized extraction techniques and higher concentrations to fully explore the plant's antibacterial efficacy, paving the way for future research in drug development. This work also reinforces the importance of validating traditional medicine through evidence-based approaches, offering potential avenues for developing alternative therapies.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is appropriate as it clearly indicates the focus of the study on the phytochemical analysis and antibacterial properties of <i>Moringa oleifera</i> leaves. It succinctly reflects the main objectives of the research without being overly detailed, making it suitable for the target audience. No changes are necessary.	
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 of the manuscript provides a general overview of the study on <i>Moringa oleifera</i> leaf extracts, including the extraction methods, qualitative and quantitative analyses of phytochemicals, and antimicrobial properties. However, it could benefit from additional clarity and detail to improve its comprehensiveness. Specifically, the abstract could mention the test organisms, such as <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> , and <i>Salmonella spp.</i> , to give readers a clearer understanding of the scope of the antimicrobial tests. Additionally, while the abstract notes the presence of various phytochemicals, it would be helpful to emphasize which compounds were most prominent or contributed most significantly to the antibacterial effects. A brief mention of the recommendation for further research to confirm the ethnomedical claims would also add value, providing a forward-looking perspective. Lastly, the inclusion of key terms such as "phytochemical screening," "antimicrobial activity," and " <i>Moringa oleifera</i> " would enhance the visibility and searchability of the manuscript.	
Is the manuscript scientifically correct? Please write here.	Yes, the manuscript is scientifically correct. The methods used for extraction and phytochemical analysis are valid, and the antimicrobial testing aligns with standard procedures. The results support the observed antimicrobial properties of <i>Moringa oleifera</i> . However, the lack of significant results at certain concentrations could be more clearly explained, and statistical analysis of the antimicrobial data would strengthen the conclusions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are generally sufficient, covering key studies related to <i>Moringa oleifera</i> and its phytochemical and antimicrobial properties. However, there is a reliance on older sources, with many references from the late 1990s and early 2000s. To improve the manuscript, I suggest adding more recent studies, particularly those published within the last 5-10 years, to provide a more up-to-date context. Additionally, references to recent advancements in phytochemical analysis techniques and more current antimicrobial resistance studies would enhance the manuscript's relevance.	

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Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article are generally suitable for scholarly communication, but there are some areas that need improvement. There are a few grammatical errors and awkward phrasing that may affect the readability and clarity of the manuscript. For instance, sentences could be more concise, and punctuation needs attention to improve flow. I recommend a thorough revision of the manuscript to correct these issues and ensure that it meets the standards of scientific writing, ensuring clarity and precision in the expression of ideas.	
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)
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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