

Review Form 3

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_125946
Title of the Manuscript:	ANTIMICROBIAL ACTIVITY OF XYLOPIA AETHIOPICA EXTRACT ON MICROORGANISMS ASSOCIATED WITH THE SPOILAGE OF VEGETABLES IN MILE 3 MARKET, PORT HARCOURT.
Type of the 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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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)
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 manuscript holds significant importance for the scientific community as it addresses the rising challenge of food spoilage, focusing on the antimicrobial potential of <i>Xylopiya aethiopica</i> extract. It provides a sustainable solution to vegetable spoilage, which has a direct impact on food security, particularly in areas like Port Harcourt, by investigating natural substitutes for chemical preservatives. The study contributes to the growing field of plant-based antimicrobials and aligns with global efforts toward environmentally friendly and safe preservation methods. Additionally, the findings can inspire further research on indigenous plants with antimicrobial properties, promoting the integration of traditional knowledge into modern food preservation strategies.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	No, the author should add how the culturing and enumeration of organisms was done, list all the organisms isolated. The method for the phytochemical analysis, and the results are not included in the abstract.	
Are subsections and structure of the manuscript appropriate?	No	
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 is scientifically robust and technically sound because it addresses a relevant public health and agricultural issue by investigating the antimicrobial potential of <i>Xylopiya aethiopica</i> against microorganisms responsible for vegetable spoilage. The study's design aligns with standard microbiological practices. Additionally, the focus on Mile 3 Market in Port Harcourt ensures that the research has local relevance, addressing food preservation challenges in a key commercial setting. The findings are valuable for sustainable agriculture and post-harvest management, with implications for reducing spoilage and promoting the use of natural preservatives.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	

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Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
<u>Optional/General</u> comments	Satisfactory.	

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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