

## Review Form 3

Journal Name:	<a href="#"><u>Journal of Advances in Biology &amp; Biotechnology</u></a>
Manuscript Number:	<b>Ms_JABB_130158</b>
Title of the Manuscript:	<b>Comparative analysis of microbiological contamination levels of some tomatoes samples produced and sold in Niamey, Niger</b>
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: 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>
<b>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.</b>	This manuscript is important to the scientific community as it provides valuable insights into the microbiological contamination levels of tomatoes produced and sold in Niamey, Niger. Understanding the extent of contamination in commonly consumed produce is crucial for food safety, public health, and the development of strategies to minimize risks associated with foodborne diseases. By comparing different tomato samples, this study can contribute to raising awareness about local agricultural practices, hygiene conditions, and the effectiveness of current food safety measures. Furthermore, the findings may help inform policies for improving food quality and promoting safer consumption practices in the region.	Noted  Ok
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title of the article is quite informative but could be made more concise and focused. An alternative title could be:  "Microbiological Contamination Levels in Tomatoes Sold in Niamey, Niger: A Comparative Analysis"  This revision keeps the essence of the original title but simplifies it for clarity and impact. It also emphasizes the key focus on the tomatoes sold in Niamey, making it more specific.	Effectuated revision        Done revision

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<p>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.</p>	<p><b>Purpose of the Study:</b> The abstract should clearly state the objective of the research—why it was conducted and its significance, particularly in terms of food safety and public health in Niamey, Niger.</p> <p><b>Methodology:</b> A brief mention of the methods used for microbiological testing and sample collection should be included. This would provide the reader with an understanding of how the study was conducted.</p> <p><b>Key Findings:</b> Highlight the main results, such as which samples had the highest levels of contamination, any differences found between production sites or types of tomatoes, and the types of microorganisms identified.</p> <p><b>Conclusions:</b> Include a brief statement on the implications of the findings for local agriculture, public health, and food safety regulations.</p> <p><b>Suggestions or Recommendations:</b> If applicable, include any recommendations for improving food safety or reducing contamination in future tomato production or sale.</p>	<p>Corrected</p> <p>Revised</p>
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Microbiological Methods: Ensure that the methods used for microbiological analysis (e.g., sample collection, microbial culture techniques, identification of microorganisms) are valid and widely accepted in the field. The manuscript should describe appropriate quality control measures and the correct use of standards for microbial testing.</p> <p>Data Interpretation: The interpretation of results should be based on sound scientific principles. The manuscript should avoid overgeneralizing or making unsupported claims about the sources of contamination unless these are directly supported by the data.</p> <p>Statistical Analysis: If statistical analysis is used, it should be clearly explained, with appropriate statistical tests for the comparison of contamination levels in different tomato samples. The methodology for data analysis should be transparent, and results should be reported accurately.</p> <p>Literature Review: The manuscript should reference relevant scientific literature to support the findings, such as previous studies on microbiological contamination in tomatoes or similar produce in other regions. This demonstrates that the study is grounded in the current state of research.</p> <p>Conclusion and Recommendations: The conclusions drawn from the study should be scientifically grounded and related directly to the findings. Any recommendations or implications for public health and food safety should be based on the evidence presented in the results section.</p>	<p>Effectuated</p> <p>Revised</p>
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>the references sufficient and recent</p>	

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Is the language/English quality of the article suitable for scholarly communications?	the language/English quality of the article is suitable	
Optional/General comments	<p>After reviewing the manuscript titled "Comparative analysis of microbiological contamination levels of some tomato samples produced and sold in Niamey, Niger," I believe it presents a valuable and important study in the field of food safety and public health. The paper highlights the issue of microbial contamination in tomatoes in the Niamey area, which is a critical topic for improving food quality in regions with limited resources. The researchers have obtained significant results using precise analytical methods, adding scientific value to the field.</p> <p>To further improve the manuscript and enhance its scientific accuracy, I recommend addressing the following points:</p> <p>Clarify the sampling methodology in more detail to ensure a better understanding of how the samples were selected and how well they represent local conditions.</p> <p>Conduct additional statistical analyses if the data warrants it, to strengthen the conclusions drawn from the results.</p> <p>Review the relevant literature to ensure that similar studies are referenced and the discussion of results is well connected to current research in the field.</p> <p>Provide practical recommendations for reducing microbial contamination in tomatoes, such as improving agricultural practices and storage conditions.</p> <p>Given the importance of this study, I recommend publishing the manuscript after making these minor revisions to improve clarity and increase its impact within the scientific community.</p>	

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?	(If yes, Kindly please write down the ethical issues here in details)	