

Review Form 3

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_124651
Title of the Manuscript:	Microbial and Heavy Metal Evaluation of Sachet Drinking Water in the Hohoe Municipality, Ghana
Type of the Article	

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 study is crucial for the scientific community as it addresses the ongoing public health concerns related to contaminated drinking water, particularly in developing countries. It provides valuable data on both microbial and chemical contaminants in sachet water, which is increasingly consumed in urban areas. By highlighting the presence of harmful bacteria and heavy metals, the research underscores the need for stricter water quality controls and regulations. I appreciate the study's relevance and thorough methodology, though I believe it could benefit from broader discussions on long-term health implications and proactive solutions for improving water safety standards.	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes, the subsections and structure of the document are appropriate and well-organized. The flow of the paper is logical, starting with the Introduction, which provides a broad context for the research, followed by a detailed description of the Materials and Methods. The Results section is clear and data-driven, and the Discussion ties the findings back to the existing literature while providing a critical analysis. Finally, the Conclusion succinctly summarizes the study's findings and suggests practical actions.	
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 appears scientifically robust and technically sound due to its clear methodology, well-defined objectives, and appropriate use of established analytical techniques like the Most Probable Number (MPN) method for bacterial enumeration and Flame Atomic Absorption Spectroscopy (FAAS) for heavy metal detection. The study design is relevant, with sufficient sample sizes from different sachet water brands, ensuring comprehensive data collection. Additionally, the results are well-supported by comparisons with existing research and international standards, such as those from the WHO. The rigorous approach to both microbial and chemical analysis enhances the credibility and reliability of the findings.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes they are	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

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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