

Review Form 3

Journal Name:	European Journal of Nutrition & Food Safety
Manuscript Number:	Ms_EJNFS_122848
Title of the Manuscript:	Analysis of Nutritional Profiles, Mineral Content, and Contaminants in Palm Oil from Yenagoa Metropolis, Nigeria: Assessing Quality and Safety Standards
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION 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>
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 investigates the quality and safety of palm oil in a specific region (Yenagoa Metropolis, Nigeria). It highlights the potential health risks associated with contaminants found in palm oil. The findings can inform local regulations and processing practices for palm oil.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title, "Analysis of Nutritional Profiles, Mineral Content, and Contaminants in Palm Oil from Yenagoa Metropolis, Nigeria: Assessing Quality and Safety Standards," is suitable. It accurately reflects the study's content and location.	
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 generally comprehensive, providing a concise overview of the study's objectives, methodology, key findings, and conclusions. However, it could be further enhanced by adding a brief mention of the potential health implications of the identified contaminants. This would provide a more complete understanding of the significance of the study's findings.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the manuscript are generally appropriate, however, there is need for some improvement. The introduction section of the article does not explicitly review the literature. While it provides background information on palm oil, its nutritional value, and potential contaminants, it lacks a critical analysis or synthesis of existing research on the topic. To strengthen the paper, the introduction should summarize key findings from previous studies on palm oil quality, safety, and contaminant analysis. Additionally, it should discuss the limitations or gaps in existing research that the current study aims to address, providing a clear rationale for the research. Furthermore, the discussion section could be divided into subsections based on the different types of contaminants identified.	
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.	For this part, I am not very professional to evaluate the scientific correctness of this results. But the methodology section seems appropriate for the analyses conducted. The results on palm oil composition (fatty acids, minerals) align with established knowledge. These comments just for editor's reference.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references appear to be sufficient and recent, supporting the study.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language quality is generally suitable for scholarly communications.	
Optional/General comments	The article provides a comprehensive analysis of the nutritional profiles, mineral content, and contaminants in palm oil samples from Yenagoa Metropolis, Nigeria. The study employs appropriate analytical techniques and presents valuable findings that can inform local regulations and processing practices. While the study demonstrates the importance of quality control measures in palm oil production, it is limited by a small sample size and a focus on a single geographical location. There is need for enhancing the introduction section with more critical literature review.	

Review Form 3

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:

Name:	Jing Jing Liu
Department, University & Country	National University of Malaysia, Malaysia