

Review Form 3

Journal Name:	European Journal of Nutrition & Food Safety
Manuscript Number:	Ms_EJNFS_127836
Title of the Manuscript:	COMPARATIVE ANALYSIS OF PHYTOCHEMICAL COMPOSITION, PROXIMATE CONTENT, AND HEAVY METAL CONTAMINATION IN NATURALLY AND CALCIUM CARBIDE RIPENED BANANAS
Type of the Article	

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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>
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.	The need to assess the extent to which the use of artificial ripening agents such as CaC ₂ is very important in food products, the manuscript enumerated the effects due to chosen heavy metals, phytochemical and proximate contents and their implications while comparing with the FAO.	
Is the title of the article suitable? (If not please suggest an alternative title)	NO., 'Comparative analysis of phytochemical composition, proximate content, heavy metal contamination in naturally ripened and calcium carbide-ripened bananas' is preferable.	

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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>Yes, But I am suggesting a revamp of the various headings and sub-headings which were not clearly outlined. The sections should look like this:</p> <p>2 Methodology</p> <p>2.1 Sample collection and preparation</p> <p>2.2 Phytochemical analysis</p> <p>2.2.1 Terpenoids</p> <p>2.2.2 Steroids</p> <p>2.2.3 Alkaloids etc.</p> <p>2.3 Proximate analysis</p> <p>2.3.1 Carbohydrate</p> <p>2.3.2 Protein etc</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Yes, but to justify the data derived from this investigation, it's important that the author makes references to existing literatures while discussing their result.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes, only minor change to a reference dated 1999 should be replaced with the suggested article whose Digestion procedure and instrumentation were clearly outlined This attached link could be used to get an article published in 2024, section 2.2.2 clearly stated the sample digestion and procedure followed, section 2.2.3 also clearly stated the instrumentation used – AAS</p> <p>https://www.researchgate.net/publication/381717845_Heavy_Metals_Analysis_in_Selected_Tissues_and_Organs_of_Slaughtered_Cattles_from_Old_Timber_Market_Gombe_State_Nigeria?utm_source=twitter&rgutm_meta1=eHNsLXpsMXFLK2xSTIRYYXyrcXEyVmY1R012QUh2bHdFcTJxeHRvc3RYS0RQdXNid1NwVjhYemh4SW4vWk5ndUplUDV5TIZ5VnRSRlloSkNiVnc3ZG5ra2hWbz0%3D</p>	
<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, minor corrections due to outlining, units, typographical etc were highlighted in the comments section within manuscript.</p>	
<p>Optional/General comments</p>	<p>PLEASE SEE ATTACHMENT</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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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