

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	Research

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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 manuscript titled "Comparative analysis of phytochemical composition, proximate content, and heavy metal contamination in naturally and calcium carbide ripened bananas" holds significant importance for the scientific community, particularly in food safety and public health. By addressing the effects of artificial ripening methods like calcium carbide on nutrient content and potential heavy metal contamination, the study provides valuable insights into the safety and nutritional quality of bananas a staple fruit consumed worldwide. This research also contributes to the ongoing discourse on the implications of artificial ripening on human health, thereby promoting awareness and guiding regulatory standards. Its findings could inform safer agricultural practices and encourage the development of alternative ripening techniques.	
Is the title of the article suitable? (If not please suggest an alternative title)	The titled is suitable. However, vitamins and minerals content of this naturally and calcium carbide ripened bananas needs to be evaluated also. When this is done title may need to be adjusted.	
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 percentage content of the phytochemical analysis for both naturally and calcium carbide ripened banana samples should be highlighted in the abstract section. More concrete results of this findings should be clearly and briefly highlighted in the abstract section. The implication of the data obtained for naturally and calcium carbide ripened banana should be briefly stated also, including your recommendation. It is also very necessary to evaluate the effect of this treatments (naturally ripened and calcium carbide ripened) banana on the dominant micronutrient composition (Vitamins and minerals) of this banana samples. The unit of measurement should also be clearly stated.	
Is the manuscript scientifically, correct? Please write here.	yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	More references should be utilized to improve this manuscript, especially in the background, methodology and discussion session.	
Is the language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments	The entire manuscript needs significant improvement. Also, see manuscript source file. PLEASE SEE ATTACHMENT	

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>	

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