

**Review Form 3**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_123377</b>
Title of the Manuscript:	<b>Effect of preparation techniques and pre-treatments on quality of carrot powder</b>
Type of the Article	<b>Original research papers</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (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.	The research article must be prepared according to the journal writing rules and template formats. There are many studies on carrot drying with a lot of different drying techniques.. The impact of the results of this study needs to be expressed more clearly. Please mentioned effects of Microwave pre-treatment.	
Is the title of the article suitable? (If not please suggest an alternative title)	suitable	
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.	According to journal writing rules in paper template format. Abstract contain different sub-sections, as given below, should be used. Aims, study design.. conclusion. Please arrange this format. In current abstract should be added explanatory aims sentences in first sentence. After that should give pre-treatment conditions.	
Are subsections and structure of the manuscript appropriate?	<p>According to journal writing rules in paper template format, please use Arial, normal, 10 font, justified.</p> <p>In the introduction section, please added some important points. <i>"The effects of microwave application on fruits and vegetables and its working principle should be mentioned, similar studies should be cited, and the original aspect of the study should be revealed."</i> Should be added new literature. Please should be clearly defined problem, proposed solution, a brief literature survey and the scope and justification of the work done. Why was only carotene examined? The significance of this and literature comparisons are also lacking.</p> <p><i>Material and method writing is not very well designed. Firstly, please give development of carrot powder. give subheadings like this about your study.</i></p> <p><i>Sample Collection</i>  <i>Process parameter for producing carrot powder</i>  <i>Analyses method- Proximate Analysis</i>  <i>Pre-treatments</i>  <i>Drying methods etc. (brand of microwave, prosedüre of analyses)</i>  <i>Statistical analysis (which program, experiment replicates, which analyses, level of significanace</i></p> <p><i>-The author only gave the name of the analysis and the source. Analyzes should be written more descriptively. Has any pre-treatment been applied to the carrots before drying? Please give each analysis should be given under a separate heading and in detail.</i></p> <p><i>Author sentence: "The powder was evaluated for sensory qualities on the basis of overall acceptability by a panel of 7-10 judges on a 9-point Hedonic scale (Amerine et al. 1965)."</i></p> <p><i>For the sensory analyses should be explain the method. Please give information about test method. Selection of panelists is very important, how was the number decided, in what environment was the sensory analysis performed, is there a form, was ethics committee permission obtained? The number of people to be subjected to sensory analysis varies depending on the number of trained, untrained and semi-educated</i></p>	

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	<p><i>panelists.</i></p> <p><i>No statistical analysis information is provided. Only averages are given in the tables. The mean and standard deviation should be given together. Symbols and statistical explanations should be made in the tables.</i></p> <p><b>2. MATERIAL AND METHODS / EXPERIMENTAL DETAILS / METHODOLOGY (ARIAL, BOLD, 11 FONT, LEFT ALIGNED, CAPS)</b></p> <p><i>2.1 Subheading Subheading (ARIAL, BOLD, 11 FONT, LEFT ALIGNED) - second level heading.</i></p> <p><i>2.1.1 Sub-subheading (ARIAL, BOLD, 10 FONT, LEFT ALIGNED, underlined)- third level heading.</i></p> <p><i>2.1.1.1 Sub-sub-subheading (ARIAL, ITALICS, BOLD, 10 FONT, LEFT ALIGNED) - fourth level heading.]</i></p> <p>Results should be clearly described in a concise manner. Results for different parameters should be described under subheadings or in separate paragraph. Table or figure numbers should be mentioned in parentheses for better understanding. In results section, please give subheadings about the effect of preparation techniques and the effect of pre-treatments, the effect of storage storage condition should be given in method section.</p>	
<p><b>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.</b></p>	<p><b>This article was found to be inadequate in terms of technical aspects and writing style. The use of current sources is insufficient. Analysis methods and results needed to be better explained.</b></p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> =</p>	<p><b>Please should be edit reference numbers. Please see at link for guideline and download word template.</b> <a href="https://peerreviewcentral.com/page/general-guideline-for-authors">https://peerreviewcentral.com/page/general-guideline-for-authors</a></p> <p><b>Reference writing must be updated according to the journal rules.</b></p> <p><b>Research conducted in recent years should be examined and cited is recommended. Please give references form 2020-2024</b></p> <p>For reference style: References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [3].</p>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	intermediate level, should be checked by a professional translator	
<b>Optional/General</b> comments	I thank the authors for the work. However, it needs to be worked on. There are discontinuities throughout the work. For a journal in these indexes, the writing format and descriptiveness are low. This is an article that needs to be reworked. The methodology, writing style and transfer of results seem inadequate. The comparison also seems incomplete from a statistical point of view.	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### **Reviewer Details:**

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