

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_122100
Title of the Manuscript:	A SENSORY ANALYSIS OF SUGARCANE (CO86032) BLENDED BEVERAGES
Type of the Article	RESEARCH ARTICLE

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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 research was undertaken with the objective to develop a unique functional beverage have enormous medicinal and functional properties. The work done by the researcher is innovative and such product could be beneficial for the community. But from my perspective, for any product that is going to be launched or studied some other important scientific tests need to be performed. Some more results could support the result in a better manner and makes the study more interesting and supportive.	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is Suitable with respect to study.	
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.	Add the ratios of juices units as % otherwise Abstract is well written and it is the comprehensive for the complete manuscript.	
Are subsections and structure of the manuscript appropriate?	Under different sections there were various subsections which could not be distinguished easily. The font or style of subsections headings must be different from the major headings for easy recognitions.	
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.	Though the researcher had tried best to develop a new kind of beverage and studied the sensory profile of the New product, but still there are chances to make the manuscript sounder for publications. Scientifically researcher had to mention the reason behind selecting this particular variety of sugarcane and also doesn't had mentioned anywhere in the manuscript that which varieties has been used for other fruits, so this must be cleared before final submission. The researcher also need to signify the data and result with some statistical tool. In some data it appears but it is not correct because ± 0.00 is not possible.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Really only 8 references are very less to publish any work. At least in total 15-20 references needs to be incorporated. So I suggest to add some more recent references as manuscript lacks recent references. Some suggestions to add following references: Yadav, A.K. and Rai, D.C. (2015). Sensory and Texture Profile Analysis of <i>Ashwagandha</i> Root Extract Modulated <i>Shrikhand</i> . Trends in Biosciences. 8(3): 827-829. Singh, M., Rai, D.C. and Yadav, A.K. (2018). Sensory and textural profile analysis of low calorie fiber enriched herbal gulabjamun. Journal of Pharmacognosy and Phytochemistry. 7(1): 974-980. Yadav, A.K., Kumar, S. Janghu, S. and Chaudhary, C. (2024). Sensory Evaluation Techniques in book Sensory Science Applications for Food Production edited by Rahul Mehra, Arun Kumar Pandey and Raquel P.F. Guiné Chater 9 IGI Global Publisher USA (2024) Pages: 177-196 ISBN: 9798369321218 DOI: 10.4018/979-8-3693-2121-8.ch009	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>There are several Grammatical errors in the manuscripts that needs to be rectify and the English language could be improved so that it looks more scientific manuscript.</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> 1. In Health Benefit section, only the benefits of sugarcane and sugar cane juices has been described. Add on the benefits of other fruits that had been taken during the study and also mention the possible health benefits of blended juices with supporting references. 2. The study lacks the fermentation aspect of juices, as the sugarcane juice tends to start fermenting very fast. Mention somewhere in the manuscript about fermentation and its impact on sensory scores. 3. The ratio of mixing for manufacturing different blends are in percentage but it is not reflecting anywhere in the manuscript. Therefore mention the Units at suitable places as Sugarcane juice (50%) and Apple juice (50%). 4. Formatting of paragraphs throughout the manuscript is not uniform. 5. Mention the temperature of ambient temperature used during cooling of juices. 6. It would be better if some photographs of finished product could be incorporated into the manuscript. 7. The problem of settling down of solid particles in such mixed beverage is very common. How this has been overcome? 8. At several places in the manuscript the p-value was shown as < 0.05, but it should be shown in proper table with all the data of sensory scores applying suitable statistical tool signifying the result with mean values, SEM, D values and P values. 9. Incorporate the future prospects of the study. 10. Justify your work behind selecting this kind of work like why chosen to develop this kind of blended beverages, research gap, target groups and problems faced during the product development and evaluation. 	

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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