

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_117481
Title of the Manuscript:	ASSESSMENT OF ANTHOCYANIN CONTENT AND CONSUMER ACCEPTABILITY OF DRIED ROSE HERBAL TEA BLENDED INFUSIONS
Type of the Article	

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PART 1: Review Comments

	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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript is important in relation to the study of herbal mixtures with rose petals to determine acceptance among consumers.</p> <p>it's adequate</p> <p>yes, but it needs to be improved</p> <p>yes, but it needs to be improved</p> <p>yes, but changes must be made at specific points so that information can be added, and care must be taken with formatting, especially in relation to units, each one has a different form, greater care must be taken when correcting</p> <p>yes, but it may be that due to the need to add better discussions it is necessary to add more references</p> <p>entitled "Assessment of anthocyanin content and consumer acceptability of dried rose herbal tea infusions" - I suggest removing the title of the article from the summary, rewriting it in a way that does not need to include the title.</p> <p>0,30,60,90 - add space between commas</p> <p>Drying of petals and herbal material: The writing was strange, because it says that the ginger is already dried, but then it says that the dried ginger was dried. You need to review this information. Was the ginger purchased fresh and then dried? Or was the ginger actually already dried and dried again? If it was dry again describe the reason.</p> <p>suggests instead of ml - mL (everywhere in the text)</p> <p>collected and dried in a hot air oven at 55°C for 8 hours. - This information has already been described, check which is the best location and leave it only once.</p> <p>0.025 M - suggests putting mol/L</p> <p>mg/l. - suggests mg/L</p> <p>suggests that the way of writing be standardized, above it is 100 grams and here 2g. Check whether you will use it in full or in abbreviated form.</p> <p>0.1 ml was added to 3.9 ml of 0.0025 M DPPH - suggests that the spacing be standardized, whether or not it will be for the entire text, example 0.1mL. Above are without the space; ml for mL; suggests putting mol/L</p> <p>2 g of each - rewrite, do not start with the numbering</p> <p>20 ml 80% methanol. The extract was then centrifuged at 10000 rpm at 4°C for 20 minutes.- ml for mL; check whether the space will be left or removed throughout the text; other formatting that</p>	

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	<p>needs to be defined as it will be described throughout the text if 20 min. or 20 minutes</p> <p>lemongrass is - check for excess space</p> <p>Anthocyanin is sensitive to heat and oxidized quickly in the presence of oxygen, hence, it might have been destroyed during processing and subsequently during storage Sharma <i>et al.</i> (2009)^[20] - but if all the petals were treated at the same temperature, dried at the same time, I don't think it justifies talking about temperature. One should perhaps think about the fact that adding another plant, such as ginger and using a certain mass of the mixture, in the case of mixtures, reduces the amount of petals and for that reason, would also reduce the amount of anthocyanins?</p> <p>19.56 mg L⁻¹ - Always check when using the unit that there is no need for the "point" - 19.56 mg.L⁻¹</p> <p>72.13 mg c3g eq./l - check the correct way to place this unit 72.13 mg c3g eq./l (without any dots? use L)</p> <p>It is also suggested that you standardize the way the units are used throughout the text using xg/L (with slash) or xg.L⁻¹</p> <p>These results are in accordance with research findings of Ramya <i>et al.</i> (2021)^[16], Amol <i>et al.</i> (2022)^[2] and Naithani <i>et al.</i> (2006)^[13] who reported that decrease in the antioxidative property during storage period may be due to degradation in anthocyanin, total phenols, change in the pH composition, which are responsible for stability of antioxidant properties. - I think that this should be better discussed, in relation to the compounds present in certain plants added with the petals, discussing for example the amount of phenolics that are already described for each of the added plants, whether or not this corroborates with this observed increase.</p> <p>Table 2 and Table 3 - add a caption explaining the letters described above the numbers</p> <p>Colour - The results observed remain to be discussed further.</p> <p>Conclusion - In the conclusion it is mentioned that "aqueous infusions of dried rose petals with herbal mixtures are presented as potential caffeine-free drinks". It is therefore suggested to make this link elsewhere in the article, so that this information can be used here in the conclusion.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>		

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<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>	

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