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| Journal Name: | [**Asian Food Science Journal**](https://journalafsj.com/index.php/AFSJ) |
| Manuscript Number: | **Ms\_AFSJ\_132621** |
| Title of the Manuscript: | **The effect of freeze drying on the nano and micro structures of sugars** |
| Type of the Article | **Original Research Article** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(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. A minimum of 3-4 sentences may be required for this part.** | **The effect of freeze drying on the nano and micro structures of sugars** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| **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.** | **No** |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, The work presents a scientific activity, using appropriate methodologies for its analysis. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | No, Different parts of the results are not presented, nor discussed and compared with other research. |  |

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| **Is the language/English quality of the article suitable for scholarly communications?** | Yes, however there are some grammatical errors |  |
| **Optional/General** comments | **I believe that the work should be improved.**   1. **In the introduction, the authors are not clear about the benefits that can be obtained in the evaluation of these sugars. I recommend going into more detail about the applications, including the references for each one.** 2. **In the methodology, in scanning electron microscopy, the conditions used for the analysis are not explained. As in several steps of the methodology, it should be more descriptive and references in methodologies should be used if required.** 3. **In results and discussion, in section 3.1, the images are not described, nor are similarities discussed, nor are they compared with other works. Therefore, it is requested that what is observed in figure 3.2 be discussed.**   **Section 3.2, figure 3.3, there is no discussion or description of the results.**  **Table 1 is not called, nor are its results presented, its discussion is very short, and it is not referenced.**  **Figures 6 and 7 can be described and the effects attributed to these behaviours can be mentioned, compared with other works, and the phenomenon observed can be presented.**  **The discussion is separate from the figures and tables, and the results and their discussion can be verified and placed in chronological order. Likewise, errors are observed in the presentation of the figures in the text (Figure S1).**  **In the discussions, there are not enough references to support what the authors have proposed.** |  |

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| **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

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