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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.** | It provides the insight into the freeze-drying process impact the nonoscoping nucleration and crystallization of various stages of sugar.By using the Advanceing the technique such as SAXS and WAXS ,ATR-FTIR reveals the molecular nanoscoping stability improvements in sugar due to freeze drying Its highlight the structural changes of sugar |  |
| **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. | Yes its is comprehensive  |  |
| 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.** | Yes |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes its suitable for scholar communication  |  |
| Optional/General comments |  |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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**  |  |  |

**Reviewer details:**

**Sourav Khawas, Jharkhand Rai University, India**