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| Journal Name: | [**Asian Journal of Chemical Sciences**](https://journalajocs.com/index.php/AJOCS) |
| Manuscript Number: | **Ms\_AJOCS\_139987** |
| Title of the Manuscript: | **Impact of Hydrogen Peroxide Concentration during Cooking on the Physical Properties of Tasar Silk** |
| Type of the 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** (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 purpose of this research is to investigate how different hydrogen peroxide concentrations during cocoon cooking affect the mechanical and physical properties of Tasar silk filaments of the Daba and Raily. Important characteristics such as tenacity, elongation, and filament fineness, are tested. The findings are used to create efficient and eco-friendly cooking methods to improve the qualities of Tasar silk. | Noted |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, but adding sustainability to the title is more suitable | No, the sustainability word will be inappropriate for this manuscript title. |
| 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 comprehensive | Noted |
| Is the manuscript scientifically, correct? Please write here. | Yes Hydrogen Peroxide is already accepted as the safest bleach in the textile industry | Noted |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | There are only 13 references so it would be better to add more numbers | There were limited work on Tasar silk |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* |  |