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| Journal Name: | [**Asian Journal of Biotechnology and Bioresource Technology**](https://journalajb2t.com/index.php/AJB2T) |
| Manuscript Number: | **Ms\_AJB2T\_136559** |
| Title of the Manuscript: | **Isolation and Optimization of Chitinase Production from Bacillus safensis from the Oil Palm Rhizosphere.** |
| Type of the Article | **Research** |

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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 synthesis of chitinase *from Bacillus safensis* is isolated and optimised, which aids in the development of environmentally friendly plant disease management methods. This lowers the need for chemical pesticides, which promotes sustainable agriculture. | The production of chitinase from Bacillus safensis was isolated and optimiised. This chiltase can be further used in the generation of environmentally friendly fungicides for pest management studies. This is essential for advocating the need to lower environmental pollution in all forms. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Title is quite good. But may change.**  Optimization of Chitinase Enzyme Yield from *Bacillus safensis* Associated with Oil Palm Roots | Isolation and Biochemical Optimization of Chitinase Enzyme Yield from *Bacillus safensis* Associated with Oil Palm Roots. |
| 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. | The abstract is well-written and informative. It provides a thorough explanation of the study's purpose, methodology, main conclusions, and importance. Need to make it more simpler and clear. | The abstract doesnt need any changes. |
| Is the manuscript scientifically, correct? Please write here. | Yes | Yes please. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes, references given are quite outdated, add some recent references at least from 2015 to 2024. | ok, I will do so. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, English quality is suitable for scholarly communication. | Yes, please. |
| 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 detail)*  NO | No, not at all |