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| Journal Name: | [**South Asian Research Journal of Natural Products**](https://journalsarjnp.com/index.php/SARJNP) |
| Manuscript Number: | **Ms\_SARJNP\_132791** |
| Title of the Manuscript: | **Phytochemical Analysis and Antibacterial Assessment of Pineapple (Ananas comosus) Peel Extract** |
| Type of the Article | **Short 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 manuscript is original adding meaningful information to the knowledge of natural resource utilization and conservation from waste products. It should be accepted after the authors have provided a meaningful rebuttal to the observations highlighted. | This research provides valuable insights into natural resource conservation by exploring the utilization of pineapple fruit waste. It highlights the benefits and limitations of waste repurposing, offering a scientific basis for further studies in sustainable resource management. The findings contribute to the ongoing efforts in environmental conservation and can serve as a reference for future research on optimizing waste utilization strategies. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes | We believe the title accurately reflects the scope and purpose of the study, offering sufficient context regarding its objectives. |
| **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 comprehensive and covers the contents of the research findings, but needs minor corrections to the highlighted points. For example, methodology did not provide the sample size. | We acknowledge the reviewer's feedback regarding the abstract. We have revised the Methodology section in the abstract to specify the sample size, stating that 12 pineapples were used, with three replicates for antibacterial testing and five trials for phytochemical analysis. |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript conveys meaningful knowledge required in the study of phytochemicals and waste management. It shows how pineapple peels can be managed and conserved for effective therapeutics. It also lends credence to local use of pineapple and its vast phytochemicals. | We believe that the manuscript presents valuable insights into the study of phytochemicals and waste management. It highlights the potential of pineapple peels for beneficial use, particularly in antibacterial applications and supports their relevance in traditional and scientific contexts. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references provided are sufficient for the research, but some need to be revisited as highlighted in the manuscript and general comments. | We believe the references included in the study are appropriate and sufficient for the research. Alternatively, we acknowledge the reviewer’s feedback and have revisited and updated the necessary citations as indicated in the manuscript. |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes, the language of the article is scholarly for publication. | We believe the manuscript is written in a scholarly manner and is suitable for publication. |
| **Optional/General** comments | The authors need to address/respond to these general comments:   1. Geographical location of the where plant was obtained (from Google map) 2. What was the number of pineapple used? 3. Why the choice of the selected phytochemicals considered?   vii. Some references were not appropriately cited as highlighted in the manuscript. | The necessary revisions have been made in the manuscript. The geographical location of the pineapple sources has been specified, the number of pineapples used has been indicated, and the rationale for selecting the specific phytochemicals has been addressed. Additionally, the references have been corrected and properly cited as required. |

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