|  |  |
| --- | --- |
| 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** |

|  |  |  |
| --- | --- | --- |
| **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.** | **This topic is very vital as many do not know the value of pineapple peals and some other fruit peals that have antioxidant and anticancer properties. The phytochemical screening of the fruit peals of pineapple will encourage researchers to do more work on it to avoid wastage and environmental pollutions particularly in tropical countries where the fruit is used in making fruit salad.** | Pineapple peels are widely accessible agricultural by-products. However, they are mostly disposed of without insight on their potential uses and applications. Through phytochemical testing and antibacterial analysis, insights on their possible uses could be provided. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is suitable.** | We believe that the title is suitable and provides enough context on the general nature and objectives of the study. |
| **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 fine and comprehensive.** | We believe the abstract includes all necessary information regarding the study and its scope, objectives, and nature. |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is scientifically okay but I find it not too comfortable that the pineapple peals don't contain flavonoids. | We believe that it is scientifically correct. All necessary protocols were implemented during the study such as adherence to established testing methods, and ethical guidelines. Additionally, the study underwent proposal and defense through qualified panelists. That being said, we acknowledge that results may vary based on testing. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient for this work and most references are recent. | We believe that the references are sufficient for the “short research articles” category. The references cited in the study provide contextual information on the rationale, objectives, and results of the study. That being said, we acknowledge the concerns of the journal and will add the necessary citations requested. |
| **Is the language/English quality of the article suitable for scholarly communications?** | The article is grammatically fine | We believe that the article is grammatically correct. |
| **Optional/General** comments | **Pineapple peals are boiled and drank in Nigeria as a means of curbing typhoid. The locals boil it with spices like ginger, garlic and lemon and sip it as a juice and it is claimed to make them feel better. The lack of inhibition as shown in this research could be as a result of the climatic conditions of the location where the research was carried out. Most work have shown that the peals have antibacterial activity.**  I think the peels could have some antibacterial properties as shown in the works of Minarni, M...&Riga, R(2024), Phytochemical Potentials and Antibacterial activity of Pineapple Peel Extract.(Ananas Comosus, L, Merr) Against Streptococcus mutans. | We appreciate the insights regarding the traditional uses of pineapple peels in Nigeria, particularly their role in managing typhoid when boiled with spices. While our study did not demonstrate antibacterial activity, we acknowledge that environmental factors, such as climate and geographical variations, may influence the phytochemical composition and bioactivity of pineapple peels. Additionally, differences in extraction methods and solvent types used in various studies may contribute to the observed discrepancies in antibacterial effects. |

**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)* |  |