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| Journal Name: | [**Asian Journal of Advanced Research and Reports**](https://journalajarr.com/index.php/AJARR) |
| Manuscript Number: | **Ms\_AJARR\_136952** |
| Title of the Manuscript: | **A Novel Phytogenic Solution for Sustainable Poultry Farming: Exploring the Growth-Promoting and Antimicrobial Potential of Sesamum radiatum** |
| 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** (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 on Sesamum radiatum as a natural feed additive in poultry farming is significant because it offers a sustainable alternative to synthetic antibiotics and growth promoters. Sesamum radiatum's antioxidant and antimicrobial properties can enhance poultry health, reduce disease susceptibility and promote growth. By exploring natural alternatives, this research supports efforts to mitigate antibiotic resistance and promote environmentally friendly agricultural practices. | This study evaluates the nutritional composition, antioxidant capacity, and antimicrobial potential of Sesamum radiatum extracts, with a focus on its suitability as a functional ingredient in poultry feed. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, it is suitable and accurate! | Thank you for your valuable comments and suggestions. We have addressed them accordingly |
| 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 fairly comprehensive. | Thank you for your valuable comments and suggestions. We have addressed them accordingly |
| Is the manuscript scientifically, correct? Please write here. | The methodology and results seem consistent with standard scientific practices in phytochemical analysis and bioactivity assays. The manuscript is scientifically correct. | Thank you for your valuable comments and suggestions. We have addressed them accordingly |
| **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 and recent. | Thank you for your valuable comments and suggestions. We have addressed them accordingly |
| Is the language/English quality of the article suitable for scholarly communications? | Yes! | Thank you for your valuable comments and suggestions. We have addressed them accordingly |
| 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?** |  |  |