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| Journal Name: | [**Journal of Complementary and Alternative Medical Research**](https://journaljocamr.com/index.php/JOCAMR) |
| Manuscript Number: | **Ms\_JOCAMR\_134237** |
| Title of the Manuscript: | **Temporal Extraction, Extracting Solvent Concentration and Extract Concentration Impact on Antibacterial Activity of Garlic** |
| Type of the Article | **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.** | **Few clarifications need to be address in present manuscript before consideration for publication.**  **Why ethanol was selected for extraction**  **How the % of solvent was decided for this research?**  **What were the criteria for the selection of dose 50mg/ml and 100mg/ml ?**  **What about the toxicity by solvent?** | A. Ethanol is a commonly used extraction solvent. It is safe to handle, readily available and easy to remove from extract because of its low boiling point. B. Appropriate dilution of absolute ethanol. C. It is the common dose used in most studies and we did find it convenient. D. Ethanol is safe to humans; the test organism has no direct contact to any of the concentrations. Thank You. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | Thank You. |
| 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** | Thank You. |
| Is the manuscript scientifically, correct? Please write here. | Few points are lacking ,like Indira et al 2024 reported that aqueous extract of garlic shows antibacterial activity ,why you had considered ethanolic extract for this research?  50% conc. Ethanol extract fails to control *S. aureus* ,but 80% and 100% shows potency against them, that may be due to the solvent system and no phytochemical is involved.  Extract is concentrated in waterbath ,many vital volatile phytochemicals may have lost due to open system evaporation. | A. Ethanol is a commonly used extraction solvent. It is safe to handle, readily available and easy to remove from extract because of its low boiling point. B. We agree that a possible reason for no inhibition may be due to lack of phytochemicals but it should also be seen from another point; extracted phytochemicals may be too poor such that when reconstituted, it could not produce inhibition. All these should be subject to further research. Thank You. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Referencing must be done as per the journal specifications. | Acknowledged. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | Thank You. |
| Optional/General comments | Results and discussion need improvisations, rewriting of this section need to done. | No specific section of results or discussion was highlighted for rewriting. A suggestion to rewrite all of it without pointing to specific errors will alter our personal style and novelty.  Thank You. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with 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 details)* |  |