

REVIEWER'S REPORT

Manuscript No.: IJAR-51535

Date: 12/5/2025

Title:

Antimicrobial activity and Phytochemical analysis of Indigofera tinctoria

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity		Good		
Significance		Good		

Reviewer Name: Dr. Sumathi

Date: 12/5/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Antimicrobial activity refers to the ability of a substance or agent to inhibit or kill the growth and reproduction of microorganisms.

Detailed Reviewer's Report

- The antimicrobial activity can be natural, synthetic or semi synthetic. The agents can work by targeting various cellular processes, such as disrupting cell walls or membranes, inhibiting enzyme activity, or interfering with DNA replication.**

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- 2. Phytochemical analysis is a process used to identify, isolate, and quantify the chemical compounds found in plants known as phytochemicals.**
- 3. Phytochemicals can be secondary metabolites with various biological activities and analyzing them helps understand the medicinal properties of plants.**
- 4. Indigofera tinctoria also known as true indigo is a plant species in the bean family that is a source of the blue dye indigo.**
- 5. The tinctoria literally means dyeing or dye bearing in latin reflecting the plants primary use.**
- 6. Have been given only theoretical reviews. There is no like review paper.**
- 7. It should come like introduction, review of literature, results, discussion, summary, conclusion. Here nothing this part is given separately.**
- 8. There is no relevant pictures. Must be included.**
- 9. Review of significant points should be given in flow chart way.**
- 10. References should be in alphabetical order.**
- 11. After all corrections should be published in your journal.**