

Review of: "Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity"

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Potential competing interests: No potential competing interests to declare.

Review Report for Research paper entitled :-"Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity"

Authors wrote the paper in a sequential proper way, with synthesis followed by analysis.

Authors are suggested to make the following few changes :

1. In section 2.1, it is mentioned as nickel nitrate $\text{Ni}(\text{NO}_3)_2$; please request to put the subscript properly for it.
2. The ionic liquids are specified as IL in the conclusion once and again as Ionic liquid; please request to maintain the style of writing.
3. Authors are requested to add Fig. specifically as 5(A) and 5(B) below the Fig. title.
4. Authors are requested to put the names of strains used for antimicrobial activity in ITALICS throughout the writing of the paper.
5. In section 3.7, Anti-bacterial activity

Authors mentioned that - Three distinct gram-positive and gram-negative bacterial strains were evaluated using the produced Ni NPs ionic liquids-based extract from *Amaranthus viridis*.

Authors are requested to specify which are the gram-positive and gram-negative bacteria.

6. Authors are requested to change Fig. 7 to "Display of first Petri dish" as it is not visible completely.

7. In the conclusion section 4

Authors mentioned that - The synthesized Ni NPs showed a zone of inhibition against *Aeromonas hydrophila*, *Escherichia coli*, and *Staphylococcus aureus* .

Authors are requested to change the sentence as the zone of inhibition is an observation; what can you conclude from this observation? Specify it.

Final decision: The paper can be accepted provided the mentioned changes are done.