

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.

In this work, the bioactive components of *Amaranthus viridis* were extracted to synthesize antibacterial nickel nanoparticles. Specific comments are needed as follows:

1. The present work lacks novelty.
2. The language of the manuscript must be improved before resubmission; there are many grammar errors.
3. The aim is not clear in the abstract.
4. More literature should be added in the introduction.
5. In the UV-Vis analysis of the Ni NPs part, antibacterial activity was explained, not UV-Vis analysis.
6. TEM should be done to determine the nanosize.
7. The antibacterial activity part needs more discussion and explanation.