

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.

The review manuscript reports on the "Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity." The manuscript has been written with properly supported data. The review manuscript can be accepted after the following comments are addressed:

General Comments:

- The authors should check for grammatical errors in the whole manuscript.
- All the manuscript references should be double-checked for typos.

Specific Comments:

- The introduction section should provide a more detailed explanation of why plants are important in nanoparticle synthesis.
- The images presented in the manuscript should be clearer for readers to understand the research work.
- In Figure 1, UV/Vis of synthesized Ni nanoparticles, the unit of absorbance is not mentioned.
- In Figure 2, FTIR of Ni nanoparticles, the X and Y axis parameters are not mentioned.
- In Figure 3, XRD of synthesized Ni nanoparticles, the authors should include the X and Y axis parameters.
- In Figure 5, FESEM of synthesized Ni nanoparticles, the images can be replaced with new images of better quality.
- As a whole, all the units mentioned in the manuscript should be presented in the proper format (degrees, cm⁻¹).
- The manuscript can be considered for publication after these major revisions.