

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 idea is good, and the manuscript can be published after minor revisions.

Comments: 1. Write plant and bacterial names in the proper scientific way throughout the paper. It should be italicized, the first letter of the Genus in capital, and the first letter of the species in small case.

2. Provide information about lambda max in Section 3.1 under the heading UV-visible results.

3. In the FTIR analysis, there is only one spectrum, but in the text, 2 spectra are mentioned.

4. In sections 3.3 and 3.4, use the symbol for degrees. The symbol used represents 'o', not degrees.

5. Add a separate heading to discuss the EDX results and also mention the parameter on the y-axis in the EDX image.

6. Remove formatting errors.