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.

Titled: Synthesis of Nickel Nanoparticles using Ionic Liquid based Extract from *Amaranthus viridis* and their Antibacterial activity

Dear Editor,

Have a great day.

I take this moment to thank you for giving me this opportunity.

This manuscript fulfils all the criteria to be published in your reputed journal.

The synthesis of nickel nanoparticles using the extract of *Amaranthus viridis* (green amaranth) is an innovative and novel method in the field of green nanotechnology, offering several significant advantages over traditional chemical methods. This approach is developed as an environmentally friendly alternative that avoids the use of harmful chemicals.

1. The plant botanical name should be in italic.
2. Summarize the results of all the characterization techniques in the abstract.
3. Synthesis of Ni Nanoparticles is not clear; please indicate the proper steps of plant extraction. .5 g of plant powder is mixed with how many ml of ionic liquid solution?
4. The conclusion section does not express the obtained results well. This section should be completed, and the results should be clearly added to this section.