

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.

1. It is recommended to use keywords that are not in the article title.
2. Introduction: The first paragraph in the introduction discusses the weaknesses of Nickel nanoparticle production from previous studies. It is recommended to include some recent references related to the weaknesses of nanoparticle synthesis. The next paragraph can highlight the advantages of Nickel nanoparticles that researchers will synthesize.
3. Experimental 2.2: In the method section, it is still necessary to clarify the method of collecting research data, especially the location of plant sampling and the sampling method.
4. Result 3.1: Interpretation of Figure 1 is not visible.
5. Result 3.2: Image quality 2 needs to be improved; it is recommended to use Origin to improve the quality of images 1 and 2. Wave Numbers and Functional Groups need to be displayed in UV and FTIR characterization.
6. Discussion: The discussion still needs to be arranged and added with a more in-depth discussion.
7. Conclusion: The author needs to maintain uniformity according to the journal pattern.