

# 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. Although the methods of analysis are well highlighted in the abstract, the antibacterial results such as the MIC and/or inhibition zone diameters are totally missing from the abstract. In section 2.2, line 6, it is not clear what 50W represents. The authors should be consistent in the use of superscripts.

2. The text under the UV-vis Analysis title, as well as Fig. 1, is misplaced. The text should be transferred to the experimental section, and a proper text in line with the title should be introduced.

3. The sections 3.2-3.6 are generally OK.

4. Fig. 7 and the legend to this figure are NOT sufficiently informative. The figure should specify concentrations of the extracts, the microorganisms, and inhibition zone diameters. The references that are mentioned with respect to this section suggest that the data used in the current submission is from another study. In conclusion, the paper requires major revision.