

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.

Synthesis of Nickel Nanoparticles Using Ionic Liquid-Based Extract from *Amaranthus viridis* and Their Antibacterial Activity

The author demonstrated good results in the manuscript, even though some of the revised points are required for this manuscript.

Comments:

1. Is there any biomolecules in the powder extract?
2. Is this saying a greener approach?
3. Bacterial names should be italicized.
4. In results, 3.1 UV/visible analysis - Discussion is suitable for the antibacterial study, not for the UV visible discussion.
The author should include the discussion for UV.
5. Is there any interaction between the powder and the ionic liquid? Include it in the UV spectra with Ni NPs and the powder with the ionic liquid UV for a comparative study.
6. In the FT IR results, the author mentioned "the aliphatic amines (C-N) stretching vibrations by beat at 1080 cm⁻¹."
Which product is having C-N bonds?
7. Cite figure numbers in the text.
8. In FESEM, figure 5A, recorded on 11 July 2016, is this clear? The image is not clearly visible; reupload with a high-resolution image.