

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.

What will you infer from 3.1, UV-Vis analysis of Ni NPs? It seems the written format is mismatched. Provide relevant data for the UV-analysis.

In 3.2, FT IR Analysis, the data of IR alone cannot conclude the presence of compounds like flavonoids, aldehydes, amines, and alkane chemicals. Better to take NMR spectroscopy to confirm these. Insert the exact IR value in the figure.

In TGA, the remaining mass doesn't change beyond 530°C; the degree symbol should be in superscript.

Mention the novelty of your paper.

This paper may be accepted after the above-mentioned corrections.