

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.

It is a very interesting and good piece of work, but there are some suggestions to improve the quality of the paper.

In the experiment part, section 2.2 Synthesis of nickel nanoparticles,

In paragraph 2, the extract was made by combining 5 g of powder with an aqueous ionic solution in a microwave flask-----
----- . How much aqueous ionic liquid solution was taken?

In section 2.3, the authors should correct the heating rate to 10⁰ C/min.

In the results and discussion part, section 3.2 FTIR analysis, the authors should write the value of each stretching bond in Figure 2.

In section 3.3 X-ray diffraction analysis, the authors should write the plane for every peak in Figure 3.