

Review of: "Yerba Mate as a Co-Precursor in the Synthesis of Silica Through the Sol-Gel Technique"

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Potential competing interests: No potential competing interests to declare.

Using waste as matrices and raw materials in synthetic processes is attractive and highly encouraging. Unfortunately, the author did not adequately illustrate the impact of the work. The author alludes to photographic surveillance, but the photos she gives are indistinct and unintelligible. The author exclusively uses FT-IR as the sole method for material characterization. We require information about the dimensions and morphology of the created SiO₂ particles. Furthermore, the mention of FT-IR is inappropriate. I highly recommend the author conduct a comprehensive revision, including additional experimental data and engaging in a more in-depth discussion.