

# 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.

The entire paper must be revised due to lack of characterization studies and poor writing in all the sessions. The author claimed that the use of biomass to produce silica. But in the synthesis procedure, they mentioned that the commercial yerba mate. So please clarify whether the material was synthesized from the Yerba Mate or Yerba Mate waste. At the end of the experimental session, the author said that the physical-chemical and electronic characterizations were carried out. But in the paper, no physical-chemical and electronic studies were explained. The last sentence in the conclusion is an incomplete sentence. As there are no significant changes in the FTIR, how did the author fix the calcination temperature? How can the purity of the materials be confirmed? It is recommended to revise the article.