

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 present study is a weak report, and it is quite evident in different parts of the article. A good literature survey has not been done, and very limited references have been referenced. Novelty is not well defined, and previous reports have not been compared. The characterization of the raw material has not been done with complementary techniques, and only FT-IR has been mentioned, while it is possible to use techniques to determine the size and morphology of the structure. The role of the raw material, TEO S, and the reaction mechanism are not mentioned. The structure has not been clearly determined. In the introduction, the reader feels that this study was made to prepare the membrane for separation, while its application is not mentioned. It is mentioned in the text that various physical, chemical, and electronic characterizations have been done, while it is not very tangible in the text of the article. With these explanations, this article is not recommended for publication.