

Synthesis and characterization of SiO₂ from Madura Strait sediment with leaching acid treatment

The article went through 2 rounds of review, reviewer A agreed previously to publish his report, revealing his identity and reviewer B agreed previously to publish his opinion anonymously. .

The authors agreed to disclose the reviewers' reports and their responses to the reviewers' comments.

Disclaimer: The peer review report content is the entire copy of the reviewers' and authors' comments. Typing and punctuation errors are not edited.

ROUND 1

Reviewer A: Emerson Schwingel Ribeiro

Recommendation: Revisions Required

Dear Editor.

The authors were critical in the discussions and the article has merit and shows important results. Thus, after the necessary corrections, it may be accepted for publication in Eclética Química.

Reviewer B: Anonymous

Recommendation: Revisions Required

The present manuscript involves the treatment of sediment from the Madura Strait with mineral acids to remove acid-soluble impurities and heating to eliminate substances by decomposition. The experimental part needs to be described in more detail to allow a better understanding of this section and include the origin of the reagents and purity. I noticed the lack of experimental conditions of characterization techniques, in addition to the lack of scanning electron microscopy analysis or other particle size determination techniques. The work can be accepted after suggested corrections.

ANSWERS TO ROUND 1

The authors did not provide a response letter to the reviewers, only the corrected manuscript.

ROUND 2

Reviewer A: Emerson Schwingel Ribeiro

Recommendation: Accept Submission

The authors were meticulous in the corrections suggested by the reviewers. The article is suitable for publication in the journal Eclética Química.

Reviewer B: Anonymous

Recommendation: Accept Submission

The authors made revision changes to the manuscript, so, in my opinion, the present work can be accepted for publication in Eclética Química.

ACCEPT SUBMISSION

April. 15, 2025