

# Review of: "Impact of Starch Concentration on Chlorella-k-Carrageenan Gel Formation Mechanism"

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**Potential competing interests:** No potential competing interests to declare.

The authors have reposted on the effect of starch addition on gel formation of Chlorella-k-Carrageenan. There are a few issues that need to be addressed before suggesting this for publication.

The abstract could be revised for better clarity.

The introduction could be further strengthened by providing other ecofriendly examples of copolymers, such as [doi.org/10.1021/acsapm.2c00531](https://doi.org/10.1021/acsapm.2c00531).

The materials and methods need to be revised and focus on the materials used and the methods implemented to synthesize the proposed Chlorella-k-Carrageenan; the current materials and methods read as discussion (with many citations).

Why didn't the authors show other compositions in Fig. 2, same as the one in Fig. 1?

Figures 3-6 need to be properly annotated and explained in the corresponding captions and text.