

Response to Editor

We would like to thank the editor for the time and effort dedicated to reviewing the manuscript: "Measurement report: Ice nucleation ability of perthite feldspar powder", as well as for the helpful and technical comments provided.

We have considered all the points raised and have revised the manuscript, as we agree with the suggestions and believe they have improved the clarity of the work. With regard to line 206 (Figure 4), we have removed the reference to the figure at that point. The figure is discussed later in the text, and this adjustment helps to keep a more coherent and organized flow into the presentation of the figures.

Editor's technical comments:

03 Apr 2026

Editor decision: Publish subject to technical corrections

by Luis A. Ladino

Public justification (visible to the public if the article is accepted and published):

I congratulate the authors for properly addressing the new minor comments listed by both reviewers. Please add the following last six technical comments before we can proceed with the acceptance and publication of your article.

Luis Ladino

Technical comments:

- Line 61: Replace "chemical compositions. such as K/Na perthitic" by "chemical compositions such as K/Na perthitic"
- Line 197: Replace "predominance of K-rich feldspar respect plagioclase" by "predominance of K-rich feldspar with respect to plagioclase"
- Line 206: Figure 4 is called before calling Figures 2 and 3. Figures need to be called chronologically.
- Line 399: There is no Table 3 in the main file.
- Line 417: Please fix the following "Table Table S1, supplementary material"
- Table S3. Place the Table caption in the correct place, for consistency with the other tables.