

Review of: "Evaluation of Chemical Content and Phytochemical Composition of Yemeni Almond Cultivars"

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Potential competing interests: No potential competing interests to declare.

The study presented in the article titled "Evaluation of Chemical Content and Phytochemical Composition of Yemeni Almond Cultivars" presents valuable insights. The paper needs revision for publication. Some of my comments and queries are as follows:

Abstract-

1. The background of the abstract, especially the first line, needs to be rewritten or split.
2. **Keywords** – keywords can be replaced by avoiding the repetition of the heading.

Introduction

1. The authors can add more research gaps and previous studies related to almond phytochemical analysis.
2. Need to mention the novelty in the introduction section.
3. The last paragraph of the introduction needs to be reframed and modified by adding the motive of the current study with aims and objectives.

Methods

1. Under "Sample Extraction and Preparation for Phytochemical Analysis" - Whatman paper No. 4? Filter paper, the authors, please may correct it.

Results & Discussion

1. Results of cluster analysis for chemical content – this part discussion is missing.
2. The discussion section needs to be improved in many places.
3. The authors need to discuss this with the limitations of the current study.
4. The main concern is on phytochemical screening using GC-MS analysis. If possible, you can work on making the variability and quality among almonds.

Conclusion

1. The conclusion needs more current study details and needs to be restructured with the inclusion of future directions.

