ISSN: 2320-5407

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-52819 Date: 15.07.25

Title: DETERMINATION OF CHARACTERISTIC VOLATILE COMPOUNDS OF MONOFLORAL CHENOPODIACEAE HONEY BY SPME-GC-MS

Recommendation:

Accept as it is ……YES……

Accept after minor revision……

Accept after major revision ……

Do not accept (*Reasons below*) ……

Rating	Excel.	Good	Fair	Poor
Originality			√	
Techn. Quality			√	
Clarity			√	
Significance		√		

Reviewer Name: PROF DR DILLIP KUMAR MOHAPATRA **Date:** 15.07.25

Reviewer's Comment for Publication.

(*To be published with the manuscript in the journal*)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Detailed Reviewer's Report

This study aimed to determine the characteristic volatile compounds of monofloral Chenopodiaceae honey using solid-phase microextraction-gas chromatography-mass spectrometry (SPME-GC-MS). The honey sample was obtained from Burdur province of Türkiye and was identified as monofloral Chenopodiaceae honey through melissopalynological analysis.

Future Directions

- **Further Research**: Further research is needed to confirm the characteristic volatile profile of monofloral Chenopodiaceae honey and to explore its potential applications in honey authentication and quality control.
- **Comparison with Other Honey Types**: Comparison with other honey types can help to identify specific volatile compounds that are unique to Chenopodiaceae honey.

ISSN: 2320-5407
International Journal of Advanced Research
Publisher's Name: Jana Publication and Research LLP
www.journalijar.com

REVIEWER'S REPORT

Conclusion

The study provides valuable insights into the characteristic volatile compounds of monofloral Chenopodiaceae honey. The identification of marker volatile compounds can help to authenticate the botanical origin of honey and ensure its quality.