



Review Report

Final Title: Gas Chromatography Mass Spectroscopy (GC-MS) Fingerprinting of Methanol Extract and Saponin-Rich Fractions of *Corchorus olitorius* (Jute) Leaves.

Submission Title: Gas Chromatography Mass Spectroscopy (GC-MS) Fingerprinting of Methanol Extract and Saponin-Rich Fractions of *Corchorus olitorius* (Jute) Leaves.

Submission Date: August 5, 2025

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Round 1

Reviewer 1 Name: Md. Arafat Hossain Conflict of Interest: None Date of Reviewer's Comments: August 16, 2025 Date of Author Response: August 21, 2025	
Reviewer 1 Comments	Author Response
Reviewer Recommendation: Revision Required 1. The introduction is informative and already shows some improvements in structure and flow. However, it could be further refined for conciseness, as certain sections still repeat general principles of GC-MS that are already well established in the literature.	The introductions has been refined to suit the reviewers choice by removing the repeating part of the general principles of GC-MS
2. The tables, though detailed, would benefit from improved formatting and alignment to enhance readability, particularly in the case of Table 2, which appears cluttered.	The tables have been formatted and well-aligned
3. The discussion effectively outlines the properties of the identified compounds; however, it would be strengthened by establishing a more direct connection between these properties and the therapeutic potential of <i>Corchorus olitorius</i> .	The discussion as submitted contained the therapeutic potential (antioxidant, anti-inflammatory, cytotoxic) of identified chemicals in <i>Corchorus olitorius</i> . However, very few were omitted and have been included now.
4. The manuscript's readability could be improved by addressing grammatical errors, refining sentence structure, and ensuring a consistent formal tone throughout the text.	The language structure have been reexamined and corrections made in the appropriate places
5. The reference list contains several formatting inconsistencies and should be revised to meet the journal's specific requirements. Some entries appear to have been copied directly from other sources without proper adaptation, as indicated by the inclusion of PubMed or Google Scholar links. These should be removed or reformatted to comply with standard citation styles.	The APA style have been adopted and all references formatted.

Round 2

Reviewer 1 Name: Md. Arafat Hossain Conflict of Interest: None Date of Reviewer's Comments: August 27, 2025 Date of Author Response: August 30, 2025	
Reviewer 1 Comments	Author Response
Reviewer Recommendation: Revision Required 1. The quality of the figures is not so good. If possible, use at least 600 dpi	The figures for the fragmentation patterns are best presented in a smaller view. I tried increasing the size, and it became more blurry. However, I have increased the size of the chemical structures-
2. The keywords are separated by a comma, including before "and"	The commas have been removed, and a semicolon has been used instead for the keywords.
3. Still, there are huge grammatical issues that need to be rectified.	The whole manuscript has been proofread and all grammatical errors corrected.
4. Remove all double spaces throughout the manuscript	The double line spacing has been removed across the manuscript.
5. Please look at the author guidelines of the journal and follow them, especially the font and font size	The font style and size have been adopted strictly, according to the author's guidelines.

Round 3

Reviewer 1 Name: Md. Arafat Hossain Conflict of Interest: None Date of Reviewer's Comments: August 30, 2025 Date of Author Response: Not required	
Reviewer 1 Comments	Author Response
Reviewer Recommendation: Accept Submission	-