

### Review Form 3

Journal Name:	<a href="#">Journal of Complementary and Alternative Medical Research</a>
Manuscript Number:	Ms_JOCAMR_125684
Title of the Manuscript:	Gas Chromatography-Mass Spectrometry and Fourier Transform Infrared Spectroscopy Characterisation of potential $\alpha$ -Glucosidase Inhibitors from Terminalia Catappa Leaf Extracts
Type of the Article	

#### PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The manuscript presents a significant study on the identification and characterization of bioactive compounds from Catappa leaf extracts with potential anti-diabetic properties. These $\alpha$ -glucosidase inhibitors can help manage blood sugar levels and prevent complications associated with diabetes. The research highlights the potential of natural products in drug discovery and development, offering a promising alternative to synthetic medications.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Okay	
Are subsections and structure of the manuscript appropriate?	No, in the materials and method section (2), subsection 2.2 (chemicals and solvents) should come first replacing subsection 2.1 (collection of samples) in that order.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Yea it is, the adoption of known analytical techniques (GC-MS, FT-IR) characterizations of the inhibitors derived from catappa leave extracts.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are satisfactory	
<u>Minor</u> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> comments	Author should pay attention to the review comments in the manuscript to effect spelling errors, intext citation...	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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