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| Journal Name: | [**South Asian Research Journal of Natural Products**](https://journalsarjnp.com/index.php/SARJNP) |
| Manuscript Number: | **Ms\_SARJNP\_134924** |
| Title of the Manuscript: | **Molecular Spectroscopic (FTIR and UV-Vis) and Hyphenated Chromatographic (GC–MS) Characterization of bioactive compounds present in different solvent fractions of extract of leaf of Cola hispida BRENAN & KEAY STERCULIACEAE** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript is important because of the uses of the plant in traditional medicine for treating infections, inflammation, and digestive issues which provides affordable healthcare solutions and holds cultural and economic value in local communities.**  **It is also important as it shows the phytochemical analysis of Cola hispida using FTIR, UV-Vis, and GC–MS methods which provides essential insights into the plant’s bioactive constituents.**  **The study significantly contributes to natural product research and sets the foundation for future pharmacological and nutraceutical exploration.** | Authors agree with reviewer’s comments |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes the title is suitable as it accurately reflects the scope and methodology of the study.** | Authors agree with reviewer’s comments |
| 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. | **Yes, the abstract is well difined as it summarizes the study’s purpose, methods, key findings, and relevance.** | Authors agree with reviewer’s comments |
| Is the manuscript scientifically, correct? Please write here. | **Yes ,the research is methodologically sound and scientifically correct** | Authors agree with reviewer’s comments |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **Yes, the references are both adequate and up-to-date.** | Authors agree with reviewer’s comments |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes, the manuscript is written in clear and scholarly English.** | Authors agree with reviewer’s comments |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)*  There are no ethical issues in the manuscript. | Authors agree with reviewer’s comments |