

### Review Form 3

Journal Name:	<a href="#">South Asian Research Journal of Natural Products</a>
Manuscript Number:	Ms_SARJNP_128343
Title of the Manuscript:	Bioactivity guided Isolation of Gallic acid and Kaempferol-7-O-glucoside from Entada africana Guill. & Perr. Ethyl acetate Stembark Crude extract.
Type of the Article	Original Research Article

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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### Review Form 3

#### PART 1: 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>
<b>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.</b>	<ul style="list-style-type: none"> <li>- This manuscript presents the bioactivity-guided isolation of gallic acid and kaempferol-7-O-glucoside from the ethyl acetate fraction of *Entada africana* stem bark, showcasing its antibacterial and antioxidant properties.</li> <li>- The research validates traditional medicinal uses of *Entada africana* and contributes to identifying new therapeutic agents.</li> <li>- This work can significantly impact the fields of natural product chemistry and medicinal plant research.</li> </ul>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<ul style="list-style-type: none"> <li>- The title is accurate and reflects the key findings. However, consider revising for conciseness: Bioactivity-Guided Isolation of Gallic Acid and Kaempferol-7-O-Glucoside from the Ethyl Acetate Fraction of *Entada africana* Stem Bark.</li> </ul>	
<b>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.</b>	<ul style="list-style-type: none"> <li>- The abstract is comprehensive but could benefit from slight reorganization.</li> <li>- Suggested addition: Include the specific IC50 values for antioxidant assays (FRAP, FICA, and H2O2 scavenging) to emphasize the findings quantitatively.</li> <li>- Suggested removal: Avoid excessive methodological details, such as the fractionation solvents used, to keep it concise.</li> </ul>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	<ul style="list-style-type: none"> <li>- The manuscript is scientifically robust and provides clear evidence for the reported findings.</li> <li>- The methodology is sound, with appropriate experimental controls (e.g., using gentamycin as a positive control).</li> <li>- Results are well-supported by data, including FT-IR, NMR spectra, and biological assays.</li> <li>- The characterization of the isolated compounds aligns with literature, enhancing credibility.</li> </ul>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<ul style="list-style-type: none"> <li>- The references are sufficient and recent, covering relevant studies. However, you could include: <ul style="list-style-type: none"> <li>- Studies comparing the antibacterial and antioxidant activities of related *Entada* species.</li> <li>- Newer reviews on the therapeutic applications of kaempferol derivatives.</li> </ul> </li> </ul>	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	<ul style="list-style-type: none"> <li>- The language is generally clear but requires minor corrections for grammatical and stylistic improvements.</li> <li>- For example: Replace "Medicinal plants had historically been essential" with "Medicinal plants have historically played a crucial role."</li> </ul>	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>- Tables and figures are well-organized but could use captions with more context (e.g., mention the significance of IC50 values in Figure captions).</li> <li>- Suggest including a discussion on the potential limitations of using *Entada africana* extracts in therapeutic applications (e.g., toxicity, dosage, and bioavailability).</li> </ul>	

#### PART 2:

	Reviewer's comment	Author's comment <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:

Name:	<b>Idir Moualek</b>
Department, University & Country	<b>Mouloud Mammeri of Tizi-Ouzou, Algeria</b>