

## Review Form 1.7

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_118460
Title of the Manuscript:	Phytochemical Evaluation and In-silico Studies of Bioactive Compound from the Seed of <i>Afrostryax lepidophyllus</i> to Identify Potential Anti-inflammatory Agents
Type of the Article	

### PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. The manuscript is truly important, especially for the development of natural anti-inflammatory supplements or drugs with fewer side effects compared to synthetic drugs. Scientific validation through phytochemical analysis and in-silico studies supports its traditional use and highlights its potential in developing effective natural anti-inflammatory treatments.</p> <p>2. The title is suitable.</p> <p>3. The abstract is detailed and provides clear overview of the study.</p> <p>4. The manuscript demonstrates a clear and logical structure with defined subsections that effectively organize the content and facilitate easy navigation through the article. There are minor errors of grammar that can be improved: "<i>Afrostryax lepidophyllus</i> commonly known as country onions from the <i>Huaceae</i> family has been acclaimed to be used in the treatment of several health conditions such as inflammation, prevention of infection and cancer, improved digestion, and used traditionally as a remedy for pain relief, etc ethnomedical."</p> <p>5. The manuscript adheres to rigorous scientific standards, presenting accurate data, sound methodologies, and valid interpretations that contribute to the advancement of knowledge in the field.</p> <p>6. The manuscript is supported by a comprehensive array of references, drawing from recent literature to provide a solid foundation for the research and ensure relevance and credibility in its findings.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	The article has suitable language quality for scholarly communications	
<b>Optional/General</b> comments		

### PART 2:

	Reviewer's comment	Author's comment (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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**Reviewer Details:**

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