

Journal Name:	Asian Basic and Applied Research Journal
Manuscript Number:	Ms_ABAARJ_1781
Title of the Manuscript:	Flavonoid/Phenol content Ratios in Aspilia africana (Wild sunflower) Methanolic Extracts: Implications for Oxidative Stress Management.
Type of the Article	

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>
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 provides valuable insights into the antioxidant potential of <i>Aspilia africana</i> , highlighting its flavonoid/phenol content ratios in different plant parts. This study is significant because it offers a comprehensive understanding of the plant's potential for managing oxidative stress-related disorders. By quantifying bioactive compounds in different plant parts, the research contributes to the development of plant-based therapeutic strategies for diseases associated with oxidative stress.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is informative and reflects the core of the study. However, it could be simplified and made more concise. Suggested Alternative Title: <i>Flavonoid/Phenol Ratios and Antioxidant Potential of Aspilia africana Methanolic Extracts</i>	

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.	<p>The abstract effectively outlines the problem (oxidative stress), the methodology, and key findings, such as the higher flavonoid/phenolic content in the leaves.</p> <p>Suggestions:</p> <p>Emphasize the practical applications of the findings (e.g., potential use in therapeutic or dietary supplements).</p> <p>Avoid repetition of data points like specific values unless critical to the context.</p> <p>Proposed Addition: Highlight the implications of these findings for future research or product development (e.g., formulating antioxidant therapies).</p>	
Is the manuscript scientifically, correct? Please write here.	<p>The manuscript appears to be scientifically sound. However, the following should be clarified or addressed:</p> <p>Provide more details about the calibration curves (e.g., slope validation or error margins for regression analysis).</p> <p>Include discussion on how environmental conditions (e.g., soil composition) may have influenced phenolic/flavonoid production in <i>A. africana</i>.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>The references are adequate and include recent studies up to 2023. However, additional recent studies on oxidative stress management using natural antioxidants could enhance the discussion.</p> <p>Suggested Additional References:</p> <p>Pizzino et al., 2017. <i>Oxidative Stress: Harms and Benefits for Human Health</i>.</p> <p>Hajam et al., 2022. <i>Oxidative Stress in Human Pathology and Aging: Molecular Mechanisms and Perspectives</i>.</p>	
Is the language/English quality of the article suitable for scholarly communications?	<p>The language is clear and suitable for scholarly communication. Minor issues include:</p> <p>Some sentences in the abstract and introduction could be simplified for clarity.</p> <p>Ensure consistent use of terms (e.g., "phenolic content" vs. "total phenolic").</p>	
<u>Optional/General</u> comments	<p>The manuscript is a significant contribution to the field and, with minor revisions, will be suitable for publication.</p>	

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

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