

Review Form 1.7

Journal Name:	Asian Journal of Physical and Chemical Sciences
Manuscript Number:	Original Manuscript_AJOPACS_117858
Title of the Manuscript:	PHYTOCHEMICAL STUDIES AND GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) ANALYSIS OF THE CARBONATED DRINK EXTRACT OF <i>Enantia chlorantha</i> STEM BARK.
Type of the Article	

Review Form 1.7

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, it have some modification</p> <p>Yes</p> <p>Yes, but the</p> <p>Some what the results and and discussion to be verifies as describes. the results and discussion does not match with the conclusion: such "Thus may be considered as a potential drug, fertilizer or feed target"</p> <p>Many of the references are more than 15 years old</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>Incorrect Plant Name: The manuscript refers to Enantia chlorantha as Annickia chlorantha. Although this can be an acceptable synonym, it is important to clarify that Enantia chlorantha is the more widely accepted scientific name.</p> <p>Voucher Specimen Information: The voucher specimen for the plant is reported to be deposited at the herbarium of the University of Benin under the voucher number UBH-E485. This information needs verification, as accurate voucher numbers are crucial for future reference and verification.</p> <p>Extraction Method: The manuscript states that the stem bark was macerated with 5L of a carbonated drink. Typically, water, alcohol, or other solvents are used for plant extraction. The use of a carbonated drink is unusual and should be justified or reconsidered for scientific accuracy.</p> <p>Phytochemical Screening:</p>	

Review Form 1.7

	<p>The methods section references standard procedures by "78," which is neither clear nor a valid citation. It should specify the exact source, such as "Harborne (1998)," for phytochemical methods.</p> <p>Proximate Analysis Reference: The reference to the Association of Official Analytical Chemists (AOAC) methods should accurately cite the specific edition or publication year, for example, "AOAC, 18th edition, 2000."</p> <p>Phytochemical Constituents: The manuscript asserts the presence of specific phytochemicals (alkaloids, cardiac glycosides, flavonoids, tannins, and steroids) in the carbonated drink extract, but without citing specific studies that confirm these findings, this information might be unreliable.</p> <p>Conclusion Overreach: The conclusion suggests that <i>E. chlorantha</i> could be considered a potential drug, fertilizer, or feed target, which seems far-fetched based on the provided data. Such claims should be substantiated with specific evidence or removed.</p> <p>Inconsistent Ash Content Values: The ash content of <i>E. chlorantha</i> is compared with values from other studies, but discrepancies and ranges should be clearly discussed to provide context and ensure the reliability of the reported data.</p>	
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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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