

Review Form 3

Journal Name:	South Asian Research Journal of Natural Products
Manuscript Number:	Ms_SARJNP_121027
Title of the Manuscript:	Polycyclic Aromatic Hydrocarbon Levels in selected Soup Thickeners Marketed in Yenagoa, Bayelsa State, Nigeria
Type of the Article	research article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	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)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The significance of this paper to the scientific community lies in its preliminary assessment of the levels of polycyclic aromatic hydrocarbons (PAHs) in soup thickeners marketed in Yenagoa, Nigeria. This study not only enriches our understanding of PAH contamination levels in food but also specifically focuses on the safety of traditional food ingredients, which has implications for global food safety monitoring.</p> <p>I appreciate this paper because it combines chemical analysis with public health considerations, revealing potential health risks in everyday food components through quantitative analysis. Moreover, the findings provide a scientific basis for further development of food safety policies and improvements in food processing techniques. Finally, the paper serves as a reminder to consumers to exercise caution when consuming these traditional soup thickeners, reflecting the direct contribution of scientific research to public welfare.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is ok for this study.</p>	
<p>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>	<p>The abstract, as a microcosm of the entire paper, should be concise yet comprehensive in reflecting the key elements of the research. Based on the content of the provided document, here are suggestions for what might need to be added or removed from the abstract:</p> <ol style="list-style-type: none"> 1. Research Background: The abstract could briefly mention why soup thickeners in the Yenagoa market were chosen for study and the importance of PAHs to public health. 2. Research Objectives: If the primary objectives of the research are not clearly stated in the abstract, it is recommended to add them so that readers can quickly understand the main driving force behind the study. 3. Method Overview: The abstract should briefly describe the analytical method used (GC-FID) so that readers can understand the technical basis of the research. 4. Statistical Analysis: If statistical methods were used in the research to determine the significance of the results, it is recommended to mention the statistical methods and significance levels used in the abstract. 5. Conclusions and Recommendations: The abstract should include a brief explanation of the research findings and recommendations based on the results, especially regarding how consumers should cautiously consume these soup thickeners. 6. Future Research Directions: If appropriate, potential directions for future research based on the current findings could be suggested. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Subsections and structure are good.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically</p>	<p>The manuscript detailing the polycyclic aromatic hydrocarbon (PAH) levels in soup thickeners from Yenagoa, Bayelsa State, Nigeria, demonstrates scientific robustness through its methodical approach to sample collection, extraction, and analysis using Gas Chromatography-Flame Ionization Detection (GC-</p>	

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<p>sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>FID), a recognized technique for such analyses. The study's technical soundness is evident in the precision of the measurements, indicated by the standard deviations reported alongside the mean values, suggesting a controlled and replicable experimental process.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :</p>	<p>To ensure the manuscript's references are adequate and up-to-date, consider the following:</p> <p>Recent Reviews: Suggest inclusion of recent review articles that summarize the current state of knowledge on PAHs in food.</p> <p>Technological Advances: Recommend references that discuss the latest technological advancements in PAH detection and analysis.</p> <p>Regulatory Frameworks: Include references to any updated regulations or guidelines related to PAHs in food safety.</p> <p>Comparative Studies: Suggest studies from other regions or countries that could provide comparative insights.</p> <p>Health Impact Studies: Recommend research articles that delve into the health impacts of PAHs to complement the toxicological discussion.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality appears to be suitable for academic exchange. The text uses formal scientific language, includes appropriate terminology, and is structured in a manner consistent with scholarly articles.</p>	
<p>Optional/General comments</p>		

PART 2:

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

Reviewer Details:

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<p>Department, University & Country</p>	<p>Zhejiang University, China</p>