

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Biochemistry</a>
Manuscript Number:	Ms_AJRB_129924
Title of the Manuscript:	Risk Assessment of Heavy Metals and Hydrocarbon Contamination in selected Seafood from Coastal Regions of Southern Nigeria
Type of the Article	Original Research 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.	<b>1. Importance of the Manuscript:</b> The manuscript addresses a critical public health concern, analyzing the carcinogenic risks posed by heavy metals and PAHs in seafood sourced from a highly polluted region. It contributes valuable data to the global discourse on food safety and environmental pollution. The findings are pertinent for policymakers and health experts, especially in regions grappling with similar environmental hazards.	
Is the title of the article suitable? (If not please suggest an alternative title)	<b>2. Title Suitability:</b> The title is appropriate. However, for clarity, consider: "Human Health Risk Assessment of Heavy Metals and Hydrocarbons in Seafood from Southern Nigeria's Coastal Regions."	
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>3. Abstract Evaluation:</b> The abstract provides a comprehensive summary but could be improved by briefly mentioning the statistical significance of the results and highlighting key carcinogenic risk findings for both adults and children.	
Is the manuscript scientifically, correct? Please write here.	<b>4. Scientific Accuracy:</b> The manuscript is scientifically robust and methodologically sound. However, a few clarifications are necessary:  Define acronyms like "BDL" and "PAHs" in their first mention.  Clarify why certain PAHs like Benzo(a)pyrene were below detectable limits.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<b>5. References:</b> The references are sufficient and recent. However, adding a few more global studies on seafood contamination (e.g., regions with similar environmental risks) would enhance the manuscript's comparative perspective.	

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<b>Is the language/English quality of the article suitable for scholarly communications?</b>	6. Language Quality: The language is scholarly but would benefit from professional editing for grammar and syntax. Minor corrections are needed for clarity and flow.	
<b>Optional/General</b> comments	<b>Enhance the discussion by linking findings to global food safety standards.</b> <b>Provide more insights into mitigation strategies to reduce contamination in the seafood supply chain.</b>	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with the 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>	None detected. Sampling, analysis, and reporting adhere to standard ethical guidelines.	

### Reviewer Details:

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