

Review Form 3

Journal Name:	European Journal of Nutrition & Food Safety
Manuscript Number:	Ms_EJNFS_128748
Title of the Manuscript:	Combined effect of gamma irradiation and low temperature storage on the microbial and bio-chemical quality of sutchi cat fish (<i>Pangasius hypophthalmus</i>)
Type of the Article	Research article

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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)
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.	Non-thermal food processing is an emerging area. Irradiation is one such non-thermal food processing method. The manuscript give insight on the effect of irradiation in enhancing the shelf life of fish.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes Suggestion for abstract: Line chemical parameters of irradiated fish were lower... need to be rewritten with more clarity.	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	<ul style="list-style-type: none"> The name of the fish Sutachi catfish should be uniform though out the manuscript. Values of the chemical parameters should be given as: Mean value\pm SD. Error bars in the fig 1 and 2 need to be added. Effect of irradiation doses should also be discussed. TVBN results: instead of citing studies that have got similar results of values, explain the reason behind reduction in TVBN with application of irradiation. How the irradiation is acting on fish sample and why it is reducing TVBN. Conclusion: Which was the best combination? Irradiation dose along with storage condition should be mentioned. Reference: DAHDF, 2022 is cited but not found in the list. 	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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