

Review Form 3

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| Journal Name: | European Journal of Nutrition & Food Safety |
| Manuscript Number: | Ms_EJNFS_124615 |
| Title of the Manuscript: | EVALUATION OF NUTRITIONAL COMPOSITION AND SENSORY PROPERTIES OF A HOMEMADE COMPLEMENTARY FOOD |
| Type of the Article | |

Review Form 3

PART 1: Review Comments

| <u>Compulsory</u> REVISION 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> |
|---|--|---|
| <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 manuscript highlights an important solution to protein-energy malnutrition among infants in developing nations by creating a complementary food using sweet potato, carrot, and crayfish. This study provides practical insights into enhancing the nutritional intake of vulnerable populations with locally available ingredients. The comprehensive analysis of the food's nutrient composition and sensory properties ensures that it is both nutritious and palatable, crucial for acceptance among children. The study's thorough methodology in balancing macronutrients and micronutrients while considering taste and texture makes it relevant for improving infant nutrition in low-resource settings.</p> | |
| <p>Is the title of the article suitable? (If not please suggest an alternative title)</p> | <p>The title of the article is informative, but it could be more engaging and specific to attract a broader audience. If it focuses on the formulation, you might want to highlight the nutritional benefits and local relevance as "Development of Nutrient-Rich Complementary Foods from Sweet Potatoes, Carrots, and Crayfish for Combating Infant Malnutrition in Low-Income Communities"</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 is well-structured and effectively summarizes the study, but it could benefit from refinements for clarity and completeness. Specifically, it should clearly state the objective of enhancing traditional complementary foods, provide more details about the sensory evaluation method, and clarify the sensory evaluation results using standard language and accurate mean values. Additionally, the conclusion should highlight how the new blend improves traditional cereal-based complementary foods as a practical solution to protein-energy malnutrition in low-resource settings, while addressing any unusual mean values in the sensory results to offer clearer insights into the food's characteristics and acceptance.</p> | |
| <p>Are subsections and structure of the manuscript appropriate?</p> | <p>The manuscript you provided presents a comprehensive structure and content relevant to the study of complementary foods made from sweet potato, carrot, and crayfish. But tables should be presented under results.</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 sound? A minimum of 3-4 sentences may be required for this part.</p> | <p>The authors have employed standard techniques and appropriate statistical analyses, to ensure the accuracy and reliability of their findings. Additionally, the discussion effectively situates the research within the existing body of literature, highlighting its relevance and potential implications for future studies. Overall, the thoroughness of the research design, data analysis, and interpretation supports the manuscript's scientific integrity and contributes to its technical soundness.</p> | |
| <p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> | <p>The references in the manuscript provide a solid foundation on complementary foods and nutritional analysis, but many sources are outdated, primarily from 2006-2018. To enhance the manuscript's relevance, it is recommended to include more recent studies from the last five years that address current trends and methodologies in complementary food formulations. Incorporating articles from key journals and systematic reviews could significantly strengthen the literature review.</p> | |
| <p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p> | <p>The language and quality of the article are generally suitable for scholarly communication in food science and nutrition, but a thorough proofreading is recommended to address grammar, syntax, and clarity. Ensuring consistency in terminology and formatting will further enhance the manuscript's readability and professionalism.</p> | |
| <p><u>Optional/General</u> comments</p> | <p>The manuscript presents a valuable study on the nutritional composition and sensory properties of a homemade complementary food, demonstrating its potential significance for children's diets. However, enhancing the literature review with more recent references, structure, and refining the clarity and consistency of the language will strengthen its overall impact and scholarly contribution.</p> | |

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PART 2:

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

Reviewer Details:

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|----------------------------------|---|
| Name: | Zerihun Asefa |
| Department, University & Country | Ethiopian Institute of Agricultural Research, Ethiopia |