

Review Form 1.7

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| Journal Name: | Asian Food Science Journal |
| Manuscript Number: | Ms_AFSJ_106402 |
| Title of the Manuscript: | Formulation, sensory evaluation and nutrient assessment of extruded composite flour mixtures developed using selected local grains varieties |
| Type of the Article | Original Research Article |

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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) |
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| <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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>The scientific community will, in fact, find the matter relevant. It covers a variety of food science and nutrition topics, such as nutrient analysis, sensory assessment, and formulation. The results of this study can be used to improve food items' nutritional value, especially when local grain varieties are used. In areas where these grains are staples, it can help solve issues with nutrition and food security. Additionally, by placing a strong emphasis on sensory evaluation, the discipline of food science and nutrition can design goods that are not only nourishing but also pleasing to consumers.</p> <p>It is suitable but requires modification. I suggest "Development of Extruded Composite Flour Using Local Grain Varieties: Formulation, Sensory Evaluation, and Nutrient Analysis"</p> <p>Yes, it is.</p> <p>The sub-sections of the manuscript need improvement.</p> <p>The manuscript is scientifically correct in its methodology and findings. It outlines a study focused on formulating a composite flour using selected grain varieties from Sri Lanka, including a traditional rice variety called Kalu heenati. The study employed a systematic approach, including the use of a two-factor factorial experimental design and sensory evaluation by a consumer-based panel. Proximate analysis and mineral analysis were conducted according to recognized protocols, providing quantitative data on the nutritional composition of the best extruded formulation (F3.4).</p> <p>The references are sufficient but some of them are too old to appear in the manuscript. The author (s) should find recent ones to replace them. Replace references No. 7, 12, & 15. References 5, 10, 14, 17, and some others do not convey all the required information.</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>The entire manuscript was filled with grammatical errors, typos, and incoherent sentences. I suggest the authors need help with English writing. The author(s) should produce another error-free manuscript and consider other points as stated; then, the manuscript may be resubmitted for possible evaluation and consideration.</p> | |
| <p>Optional/General comments</p> | <ul style="list-style-type: none"> • Tables of results should be re-formatted. • Information in subsections: Ln 120... & Ln 150... is not clear. The author (s) should merge the two subsections into one and state clearly what they did step by step. • If the information in subsection: Ln 156... is to be included, the author(s) should include the sources of other chemicals used. • Author(s) should report properly the AOAC methods in Ln 159... • The conclusion was not concise, it repeated the information in the manuscript. The author (s) should summarize and synthesize the key findings and implications of your study. | |

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) |
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| <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> | |

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Reviewer Details:

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| Name: | Lawrence Olusegun Ajala |
| Department, University & Country | Akanu Ibiam Federal Polytechnic, Nigeria |