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| Journal Name: | [**Asian Journal of Biotechnology and Genetic Engineering**](https://journalajbge.com/index.php/AJBGE) |
| Manuscript Number: | **Ms\_AJBGE\_137577** |
| Title of the Manuscript: | **Addition of Methionine to Commercial Feed for Growth Induction of Sangkuriang Catfish Fingerlings (Clarias gariepinus)** |
| Type of the Article | **Original Research Article** |

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| **PART 1: Comments** | | |
| PERTAMA DI REVISI | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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.** | **The article investigates the effect of methionine supplementation in commercial feed on the growth performance of Sangkuriang catfish (Clarias gariepinus) fingerlings. The author evaluates various levels of added methionine to determine its impact on growth rate, feed conversion ratio (FCR). Results suggest that methionine enrichment can significantly improve growth performance and feed efficiency in Sangkuriang catfish culture.** | Thank you for your positive summary and feedback. We appreciate your evaluation and are glad that the main findings and contributions of the study were clearly conveyed. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **This title is clear and good. However, I have a suggestion “****Effect of Methionine-Supplemented Commercial Feed on the Growth Performance of Sangkuriang Catfish (*Clarias gariepinus*)”** | Thank you very much for your valuable suggestion. We agree that the proposed title is clear and precise. Therefore, we have updated the manuscript title accordingly. |
| **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.** | **Need to rewrite abstract in a flow like General background or context, need or purpose of the study, approach or methodology, major finding of the work and finally conclusion. Author start abstract start with the approach followed by key finding and conclusion.** | Thank you for your helpful suggestion. We have revised the abstract to improve its flow by starting with the general background and purpose of the study, followed by the methodology, key findings, and conclusion as recommended. |
| **Is the manuscript scientifically, correct? Please write here.** | The content is good and generally accurate; however, the author is encouraged to revise and add certain information to make the article more concise and clear before publication. | Thank you for your valuable feedback. We have carefully revised the manuscript to improve clarity and conciseness by adding and adjusting information as suggested to enhance the overall quality of the article. |
| **Are the references sufficient and recent? If you have**  **suggestions of additional references, please mention them in the review form.** | Author need to follow journal guideline. | Thank you for the reminder. We have carefully reviewed and revised the manuscript to ensure full compliance with the journal guidelines. |
| **Is the language/English quality of the article suitable for scholarly communications?** | The author is advised to refine the grammar, correct spelling errors, and remove repeated information before finalizing the article. | Thank you for your constructive advice. We have thoroughly revised the manuscript to refine the grammar, correct spelling errors, and remove any repeated information to improve the overall quality of the article. |
| **Optional/General** comments | **Please add relevant citation when using scientific information like:**   1. To support optimal growth, fish feed must contain ten essential amino acids: leucine, lysine, isoleucine, tryptophan, valine, arginine, histidine, phenylalanine, threonine, and methionine.   2. Additionally, methionine contributes to methylation processes, phospholipid synthesis, and taurine production mechanisms that collectively facilitate lipid absorption.  **Comments on Grammar and Content in Section 2: Materials and Methods**  Could you please clarify the amount of feed used during the acclimatization stage?  Kindly provide the name of the commercial feed used in the study.  Was the 5% feeding rate applied throughout the entire experiment? If so, please confirm.  It would be beneficial to include information on the instruments used for measuring water quality parameters. This would help readers assess the reliability and accuracy of the measurements.  Why were water quality parameters measured only every 7 days? These parameters can fluctuate daily, so a rationale for this frequency would be helpful.  **Regarding Figures and Data Presentation:**  Please consider describing the treatments (A, B, C, and D) more clearly in the figure legends. This will help readers understand the figures more easily.  Kindly review the punctuation (dots and commas) used in figure data to ensure consistency and accuracy.  Kindly provide a table describing initial weight, length and later final weight and length of the study fish.  **On Abbreviations and Repetition:**  When introducing abbreviations such as Feed Conversion Ratio (FCR), it is sufficient to use the abbreviation (FCR) throughout the rest of the manuscript. There is no need to repeat the full term.  In Section 3.2 (Feed Conversion Ratio), there appears to be a spelling error. Additionally, information in this section is repeated across two paragraphs.  Please consider merging or trimming the content to avoid redundancy.  **Comments on Table 1: Water Quality**  Please elaborate further on the water quality data presented. The pH values reported in this study appear to be significantly low. It would be helpful to provide additional context or explanation regarding this and discuss whether it had any impact on the study outcomes. Typically, an optimal pH range for this type of study is 6.5–8.0.  The recorded temperature values fall within the optimal range of 28–30°C. Therefore, discussing ammonia toxicity here may not be necessary.  **General Suggestions:**  Please check the reference formatting and ensure that scientific names are italicized as per standard scientific conventions.   1. Lastly, kindly ensure the manuscript follows the journal’s submission guidelines | Thank you very much for the detailed and constructive comments. We have carefully addressed all points raised:   * Relevant citations have been added to support the scientific statements regarding essential amino acids and methionine’s role. * Clarifications on the amount of feed used during acclimatization and the commercial feed brand have been included. * Confirmation that the 5% feeding rate was applied throughout the experiment has been added. * Information about the instruments used for water quality measurements has been provided, along with a rationale for measuring parameters every 7 days. * Figure legends have been revised to clearly describe treatments (A, B, C, and D), and punctuation in figure data has been checked for consistency. * A table describing initial and final weight and length of fish has been included. * Abbreviations have been standardized throughout the manuscript to avoid repetition. * Spelling errors and redundant content in the Feed Conversion Ratio section have been corrected and merged. * Additional discussion on water quality data, particularly regarding pH values and their potential impact, has been added; the discussion on ammonia toxicity has been adjusted accordingly. * Reference formatting and scientific name italicization have been reviewed and corrected. * The manuscript has been carefully revised to comply with the journal’s submission guidelines.   We appreciate the reviewer’s valuable input, which has significantly improved the quality and clarity of our manuscript. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* | The study involved the handling of fish specimens under standard aquaculture practices. All procedures were conducted in accordance with ethical standards of animal care. No invasive or harmful methods were used, and ethical considerations were taken into account throughout the research process. |