

### Review Form 3

Journal Name:	<a href="#">Asian Food Science Journal</a>
Manuscript Number:	Ms_AFSJ_124218
Title of the Manuscript:	Effects of Natural Preservatives on the Quality of Fresh Pineapple Fruit Juice
Type of the Article	Original Research Article

#### **General guidelines for the Peer Review process:**

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:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> 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>This manuscript is important for the scientific community as it explores the use of natural preservatives, such as ginger, garlic, moringa seed, and cloves, to enhance the safety and shelf life of fresh pineapple juice. The study addresses the growing consumer demand for natural food preservation methods over synthetic ones, providing valuable insights into sustainable and health-conscious alternatives for the food industry. The work is compelling because it offers practical applications for improving food safety while also supporting the use of plant-based ingredients in food preservation.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title, "Effects of Natural Preservatives on the Quality of Fresh Pineapple Fruit Juice," is descriptive but could be more specific and engaging. A more precise title could include mention of both the antimicrobial and sensory impacts of the natural preservatives, as well as highlighting the preservation aspect.</p> <p>Suggested Alternative Title: "Antimicrobial Efficacy and Sensory Impact of Natural Preservatives on the Quality and Shelf Life of Fresh Pineapple Juice"</p> <p>This revised title more clearly conveys the study's focus on both antimicrobial effects and quality preservation, which might attract a broader scientific audience.</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>Yes</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</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>This manuscript is scientifically robust and technically sound because it employs accurate experimental techniques, such as microbial enumeration and sensory analysis, to assess the effectiveness of natural preservatives in pineapple juice. The use of multiple natural agents; ginger, garlic, moringa seed, and cloves allows for a comprehensive comparison of their antimicrobial and sensory impacts. Additionally, the study design includes both control and treated samples, providing a clear baseline for evaluating the effects of the preservatives.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>Include more recent studies (within the last 5 years) on the antimicrobial properties and application of natural preservatives in food products. This will ensure that the manuscript reflects the latest developments and aligns with current scientific discourse.</p>	
<p><b>Minor</b> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript has a few formatting issues, particularly in the use of scientific names (e.g. "Aspergillus Nigga" should be "Aspergillus niger"). A thorough proofread is recommended.</p> <p>- The use of abbreviations such as TTA, and CFU should be defined at their first mention in the manuscript.</p>	
<p><b>Optional/General</b> comments</p>		

### Review Form 3

#### **PART 2:**

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

#### **Reviewer Details:**

Name:	<b>Gangani Dharmarathne</b>
Department, University & Country	<b>University of Sri Jayewardenepura, Sri Lanka</b>