



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Food Science Journal</a>
Manuscript Number:	Ms_AFSJ_67093
Title of the Manuscript:	Physicochemical, Anti-oxidant and Sensory Characteristics of Spiced Jam from Blends of Selected Tropical Fruits
Type of the Article	

**General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/journal/10/editorial-policy> )



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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)
<p><b>Compulsory</b> REVISION comments</p>	<p><b>Title – Physicochemical, Anti-oxidant and Sensory Characteristics of Spiced Jam from Blends of Selected Tropical Fruits</b></p> <p>The manuscript objective was to produce jam from watermelon and pineapple spiced with ginger and turmeric and determine its proximate, physicochemical, antioxidant and sensory characteristics. Overall, the manuscript needs a major revision before its acceptance. Below I have done some comments (C) to improve the manuscript.</p> <p>Comments:</p> <ol style="list-style-type: none"> <li>1. (C) – Abstract: It should be "...The jam produced was spiced...".</li> <li>2. (C) – Abstract: Please, use mg/mL. Do it in all text.</li> <li>3. (C) – Introduction: It should be "...Fruits exhibit high antioxidant capability...".</li> <li>4. (C) – Introduction: Hussein <i>et al.</i> (2016) is not in the references section.</li> <li>5. (C) – Introduction: It should be "...Watermelon is a good source of carotenoid...". Use "Watermelon" in all text.</li> <li>6. (C) – Introduction: Dimitrovski <i>et al.</i>, 2010 is not in the references section.</li> <li>7. (C) – Introduction: Please, delete one Hossain and Rahman, 2010 in "... (Hossain and Rahman, 2010; Kongsuwan <i>et al.</i>, 2009, Hossain and Rahman, 2010, Mhatre <i>et al.</i>, 2009)...".</li> <li>8. (C) – Introduction: It should be "...The low cost, all year round availability and sensorial properties has made jams to be a popular and demanding food product by all ages....".</li> <li>9. (C) – Introduction: It should be "... and it consists a total soluble content...".</li> <li>10. (C) – Material and Methods: It should be "...A slightly modified method described by Adepoju <i>et al.</i> (2010) was adopted...".</li> <li>11. (C) – Material and Methods: Please, use the same letter font to "SUMEET FOOD PROCESSOR, MODEL A)".</li> <li>12. (C) – Material and Methods: It should be "...for proper pectin gelatinization (pH necessary for gelatinization was 2.8-3.3)....".</li> <li>13. (C) – Material and Methods: It should be "... Fruit jams were cooked until 68 °Brix...". Use °Brix in all text.</li> <li>14. (C) – Material and Methods: It should be "...hot 1.25 % H<sub>2</sub>SO<sub>4</sub>...".</li> <li>15. (C) – Material and Methods: Please, confirm this temperature "...The sample was placed in a furnace at 6000 °C ...". Is it 6000 °C?</li> <li>16. (C) – Material and Methods: It should be "... Ash was analyzed by...". If possible</li> </ol>	



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	<p>use American English.</p> <p>17. (C) – Material and Methods: It should be “..Crucible containing the samples was placed...”</p> <p>18. (C) – Materials and Methods: It should be “...described by AOAC (2006). Twelve grams of fresh...”.</p> <p>19. (C) – Material and Methods: For Radical Scavenging Assay - Please, add the model/supplier to used centrifuge.</p> <p>20. (C) – Material and Methods: It should be “Four hundred microliter of diluted sample was added...”.</p> <p>21. (C) – Results and Discussion: Please confirm. Ashaye and Adeleke, 2009 because is Ashage OA and Adeleke in the references.</p> <p>22. (C) – Results and Discussion: It should be “..The values were also found to be lowered than ...”.</p> <p>23. (C) – Results and Discussion: It should be “..Therefore, the low moisture recorded in the study indicates that the jam...”.</p> <p>24. (C) – Results and Discussion: Please confirm. Akomolafe and Ajayi (2015) or Akimolafe and Ajayi (2015) as shown in the references.</p> <p>25. (C) – Results and Discussion: It should be “..The results showed that the formulated jams are rich in fibre compared...”.</p> <p>26. (C) – Results and Discussion: Please delete the parenthesis after “....-88.49 %)”.</p> <p>27. (C) – Results and Discussion: It should be “...The physicochemical properties of the jams are shown....”.</p> <p>28. (C) – Results and Discussion: It should be “...jam (3.10). This value was...”.</p> <p>29. (C) – Results and Discussion: It should be “..However, the values obtained in the study were within the range...”.</p> <p>30. (C) – Results and Discussion: Othman <i>et al.</i>, 2013 is not in the references.</p> <p>31. (C) – Results and Discussion: It should be “..invariably affects the consumer’s acceptability...”.</p> <p>32. (C) – Results and Discussion: It should be “..90.00 cP at 30, 40 and 50 °C respectively..”.</p> <p>33. (C) – Results and Discussion: It should be “...many works have reported that when it comes...”.</p> <p>34. (C) – Results and Discussion: It should be “...the main role belongs to the synergism of....”.</p> <p>35. (C) – Results and Discussion: It should be “...difference (p&lt; 0.05) as shown in Figure 2....”.</p>	
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	<p>36. (C) – Results and Discussion: It should be “...The color parameters of the spiced jams are shown in Table 3...”.</p> <p>37. (C) – Results and Discussion: It should be “...The sensory properties of the spiced jam is shown in Figure 1...”.</p> <p>38. (C) – Results and Discussion: It should be “...taste with a mean score of (7.88) and (7.56) respectively.”</p> <p>39. References:</p> <p>40. Please, add the page number to Fila <i>et al.</i> (2013).</p> <p>41. Please, add the page number to Kongsuwan <i>et al.</i> (2009).</p> <p>42. Please, put <i>Chrysophyllum albidium</i> in italic in Awolu <i>et al.</i> (2013).</p> <p>43. Please, put <i>Vitellaria paradoxa</i> in italic in Maranz, S and Wiesman, Z (2003).</p> <p>44. Please, put <i>Syzygium cumini</i> in italic in Lagor <i>et al.</i> (2006).</p> <p>45. AOAC (2012) was not cited in the main text. It should be deleted.</p> <p>46. Liu, R. H. (2003) was not cited in the main text. It should be deleted.</p> <p>47. Slavin, JL. and Lloyd, B. (2012) was not cited in the main text. It should be deleted.</p> <p>48. Tarwar B, Andalus B and Chandel S (2014) was not cited in the main text. It should be deleted.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

**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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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