

**Review Form 1.7**

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| Journal Name:            | <b>Journal of Agriculture and Ecology Research International</b>   |
| Manuscript Number:       | <b>Ms_JAERI_114008</b>   |
| Title of the Manuscript: | <b>Functionality of Green Tea (Camellia sinensis) Blends – Effects of spice concentration on composition, antioxidant profile, microbiological and cup quality</b> |
| Type of the 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) |
|---|--|---|
| <p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>The manuscript explores the functionality of Green Tea blends, specifically focusing on the effects of spice concentration on various aspects such as composition, antioxidant profile, microbiological factors, and cup quality. This research is valuable to the scientific community as it contributes to the understanding of how spice concentration can impact the overall characteristics of Green Tea blends, providing insights that could be beneficial for both researchers and practitioners in the field.</p> <p>The title of the article is appropriate as it accurately reflects the main focus of the research, highlighting the investigation into the functionality of Green Tea blends and the influence of spice concentration. However, if desired, an alternative title could be "Exploring the Impact of Spice Concentration on the Composition, Antioxidant Profile, Microbiology, and Cup Quality of Green Tea Blends."</p> <p>The abstract of the article is comprehensive, effectively summarizing the key aspects of the research, including the objectives, methods, results, and conclusions. It provides a clear overview that allows readers to quickly grasp the main findings and implications of the study.</p> <p>The subsections and structure of the manuscript are generally appropriate, aiding in the organization and flow of information. However, it is recommended to carefully review the transitions between sections to ensure a smooth and logical progression of ideas throughout the manuscript.</p> <p>The manuscript appears to be scientifically correct, with proper methodology and data analysis. However, it is advisable to scrutinize the results and discussion sections to ensure accurate interpretation and presentation of the findings. Additionally, addressing any potential limitations and suggesting areas for future research could enhance the overall scientific rigor.</p> <p>The references provided seem adequate, but it is essential to verify the relevance and recency of each citation. If there are more recent studies or additional sources that could enhance the context and support the arguments made in the manuscript, it would be beneficial to include them.</p> |   |
| <p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>   | <p>The article's language/English quality is suitable for academic communications.</p>   |   |
| <p><b>Optional/General</b> comments</p>   | <p>this research significantly contributes to the understanding of green tea blends enriched with spices, offering valuable insights for both the scientific community and industry practitioners. The meticulous examination of various facets makes it a noteworthy addition to the existing body of knowledge on tea composition and quality.</p>   |   |

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**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:**

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|----------------------------------|---|
| Name:                            | <b>Gláucio Diré Feliciano</b>                           |
| Department, University & Country | <b>Universidade do Estado do Rio de Janeiro, Brazil</b> |