



SDI Review Form 1.6

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| Journal Name: | Asian Food Science Journal |
| Manuscript Number: | Ms_AFSJ_47625 |
| Title of the Manuscript: | EVALUATION OF THE NUTRITIONAL, PHYTOCHEMICALS AND FUNCTIONAL PROPERTIES OF FLOUR BLENDS PRODUCED FROM UNRIPE PLANTAIN, SOYBEAN AND GINGER |
| 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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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) |
|-------------------------------------|---|---|
| Compulsory REVISION comments | <ol style="list-style-type: none"> Lines 140-144: Please include the experimental design used and the number of independent repetitions treatments employed. The appropriate title should be Design and analysis data for example Table 3: I suggest place first solubility and then discuss this property before the others functional properties, because all of these depends of the first one Table 4: check the expression units of the alkaloids, since they are very high if they are in% Lines 201-2012: review this assertion, considering the requirement of 2000 kcal, how much would a human being have to consume? Line 208-209: as above Lines 213-215: relate fiber consumption to the human being not for animal purpose In addition, the concepts expressed are more related to dietary fiber, not crude fiber, rewrite this paragraph Lines 225-226: Why the treatment E have less potassium than A, even when it is composed of a half of A? Lines 249-250: the data is not close since according to theirs with maximum difference of 0.04 are statistically significant Lines 268-271: place the solubility first since the others functional properties depend on it and give commercial protein values for example soybean of this case and the other properties for comparison purposes Line 289: These values are expressed in the same units? The alkaloids values are very high, corroborate and if it is correct compare with other sources and against what human beings can tolerate Rewrite the conclusions for example, why highlight the content of raw fiber when for purposes of nutritional value, the appropriate parameter is dietary fiber? Place the meaning of the abbreviations of evaluated treatments. Describe the solubility value and how this impact to the other functional properties. Verify the alkaloids content because it seems excessive to have no effect on the human being. | |
| Minor REVISION comments | <ol style="list-style-type: none"> Summary: describe the meaning of the abbreviations of the evaluated treatments Line 51: ginger is the appropriate word Line 106 and line 126: evaporation is the appropriate word Line 128 and 135: please check the correct word Line 129: delete five grams and check distilled word In all text check the use of milliliters abbreviation Lines 154-157: I consider unnecessary place at the tables bottom of treatment's | |



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| | description | |
| <u>Optional/General</u> comments | <p>1. The experiment was carried out in order to know the proximal composition, some minerals, non-nutritional components and some techno functional properties from plantain, soybean and ginger blends for human consumption. The entire title doesn't reflect the full scope of the total work, because the word nutritional includes more than just those parameters in addition to non-nutritional ones, which I suggest including as part of the nutritional evaluation then delete phytochemicals.</p> | |

PART 2:

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| | Reviewer's comment | Author's comment <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> |
| 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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|----------------------------------|---|
| Name: | <i>Luis Chel-Guerrero</i> |
| Department, University & Country | <i>Universidad Autónoma de Yucatán, México</i> |