



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_30168
Title of the Manuscript:	Effects of Fermentation on Proximate and Antinutrient Content of Ash Neutralized Roselle (<i>Hibiscus sabdariffa</i> L.) Calyces from Kwara and Ondo States, Nigeria
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	Introduction. Recast line 12-15 to express malnutrition in terms of undernutrition and overnutrition. Not quite satisfied with your definition of malnutrition. Malnutrition is a state of failing health that results from long standing practices that do not coincide with nutritional needs (Please refer to Perspectives of nutrition by Wardlaw et al, 2004) Line 15-18 starting with A condiment..... Should be deleted. How was ash obtained? Please give the experimental details. Re-evaluate your statistical analysis for your tables for example in table 1, 21.13 ± 0.13 appear significantly different from 13.35 ± 0.02 Your only addressed the statistical analysis for Table 1 and not for the others. Table 2 has some values that are significantly different; the error margin for some values in Table 5 for example is high. Please look at Tables 2 to 5 carefully and indicate where corrections were made. Please include data on microbial analysis as under your results and discussions section you talked about higher microbial population recorded in one of your samples. I have not seen any result concerning this aspect. It should come either in table form or any other you deem suitable. Usually you see results presented listing the organisms and indicating whether they are + or ++ or +++ or present or – absent	All Corrections effected
Minor REVISION comments	Please recast the abstract.. The author should make it clear that the samples are calyx fermented naturally etc. A total of 8 organisms were isolated. They included <i>Escherichia coli</i>.....Please delete They include four (4) bacteria, One (1) yeast and three (3) moulds were isolated. The author was meant to delete 'they included four (4) bacteria, One (1) yeast and three (3) moulds were isolated. This is already reflected below in the organisms listed. Please correct the (0 = 0.05) in your abstract to the appropriate confidence level. Your abstract is inconclusive where is the conclusion part of the abstract?	All corrections effected



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	Under introduction, On line 28, please connect the description of Kwara and Ondo states with the under investigation. On line 34, the statement ash is the residue.....can come afterwards. The introduction did not end with a well defined aim. Please include chemical composition of fermented Roselle calyx..... On line47, Material and methods/Experimental details/ methodology. Please use one that is most suitable to your work. Line 51 write FUTA in full before putting the acronym in brackets) Line 59 space $30 \pm 2^{\circ}\text{C}$ Line 62 Please mention the author(s) name(s) without the year [11]. Apply same to others. The author(s) name(s) without the year but with reference number in square brackets [] afterwards. Please apply accordingly to similar ones. Example 'Bacterial and fungal load were determined using standard methods as described by cheesbrough [reference number]. Line 81 Please correct to attributes tested for were.... Line 82 delete the mean scores calculated since it has been taken care of in the statistical analysis. Indicate in your Statistical analysis the significant level used. Please correct mls to mL in all. Review the your grammar and let there be uniformity in the type of English used (whether British English or American English) Some references are not in line with journal specification. Please look at your references to confirm they conform to journal requirement. For example reference [12] Cheesbrough. Biochemical test..... should come with initial(s) after the name.	
<u>Optional/General</u> comments	The work shows that climatic and environmental factors influence the chemical composition of plant. It also shows how fermentation can serve as a method of improving food quality.	