



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_22920
Title of the Manuscript:	Comparative Study of Phytosterol And Vitamins A And E Composition of Vegetable Oil Brands Consumed in Nigeria
Type of the Article	Original Research Articles

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)
<u>Compulsory</u> REVISION comments	Dear Editor, The argument of this manuscript is interesting but it is not well treated. - Why in the title and in the text “phytosterol” if phytosterols are more than one? - In the materials and methods section, scarce information is given about the analytical methods. In addition Vitamins are largely detected by HPLC and not by GC (your method is 20 years old); - In the materials and methods section, no information is given about statistical data (software, replicates, ...). - Standard deviation is missed in the materials methods, in the results sections and in table and figure; - No information is given about the extraction system for each oil: by solvent or by a mechanical instrument? If the oil was extracted by solvent, which solvent was used? The solvent highly influence the	Corrected Corrected Corrected



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	physicochemical properties of a vegetable oil; - Regarding to the olive oil, the Authors do not explain what is described in the label in comparison with the international olive oil Council regulation: what are you meaning with olive oil? Is this an oil from olives or it has specific parameters as explained by the IOC Council? - Line 56, why CHOLESTEROL in capital letters? - Why no information is given about all other sterols (clerosterol, sitostanol, ...) - Which is the total sterol content of each oil? - No comparison exists about the studied oils and findings of other Authors ; - Lines 72-73, the Authors refer about refining, but nothing is written in the materials and methods section; - Which type of oil is contained in Mamador vegetable oil, Oki vegetable oil, power vegetable oil? - How can you discuss about soya or olive oil if you have only one or two analyzed oils? - Are Fig. 1 and table 2 (six oils), representative of the situation in Nigeria? - To poor conclusions; - Reference section and section titles are not	Corrected
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	always organized as indicated by Science Domain.	corrected
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		