

## Review Form 1.6

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	Ms_CJAST_79556
Title of the Manuscript:	Assessment of Radionuclide Concentration Associated With Locally Produced Palm Kernel Oil in Osun State, Nigeria
Type of the Article	Original Research 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:

(<https://www.journalcjast.com/index.php/CJAST/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<p>It is suggested to revise the use of English of the document. Some mistakes and typos are present in the text.</p> <p>It is also suggested the improvement of the discussion section of the article. Since the results were not relevant in terms of the health risk due to the low level of radiation, it might be interesting to contrast the values obtained in similar studies, providing clear information about the environmental/process/plantation conditions that contribute to the high values.</p>	<p>The few typos and mistakes identified and pointed out by the other two reviewers have been corrected as suggested.</p> <p>Other extensive reviews have also been carried out as suggested.</p> <p>On the issue of improvement in the discussion section by contrasting the values obtained with those of similar studies. That is okay, but we can't provide explanations for high values possibly obtained by others. Similar studies seen during literature review were carried out on radiological hazards in palm oil or palm kernel but on palm kernel oil itself, there was only one study titled <b>Occupational hazards and environmental health associated with the traditional palm kernel oil extraction method</b>. The focus of the study was on fire, burns, oil splashes, cuts, smoke inhalation etc by the workers, not radiological hazards.</p> <p>The range of measured activities contents in the palm kernel oil varies within the same factory which may be due to the fact that the production processes and most especially the source of the palm kernel used by the factories and nature of the soil where the palm tree is planted varied.</p> <p>The estimations of all radiological impact parameters were found to be lower than their respective world average values. These low values imply that the probability of suffering serious radiation injury is low.</p>
<b>Optional/General</b> comments		

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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>	<p>All issues raised by the reviewer have been addressed above and in the respective sections of the manuscript.</p> <p>All corrections have been effected and appropriate responses and explanations given to every comment by this reviewer and the other two reviewers and the Editor as well.</p> <p>And thank you all for the good contributions which has led to improvement in the quality of the paper.</p>