



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_49786
Title of the Manuscript:	HEALTH RISK ANALYSIS OF HEAVY METALS (Cr, Fe, Hg & Ni) IN EDIBLE VEGETABLES IN YALA URBAN AREA OF CROSS RIVER 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	I went through the contents presented in the subject manuscript. The authors have studied the heavy metals and their health risk assessment. The data presented is worth of publication in this journal. However, the contents can be further improved by including the WHO levels of each heavy metals (MCL) in the Table -1. The discussion part needs further elaboration in terms of discussion on each heavy metal in the light of recently published data by other workers. Further, the authors are required to include textural and chemical analysis of different soil samples like porosity, ion exchange, acidity, alkalinity as these properties may add in the retention of heavy metals by soil.	The soil parameters of the area have been studied earlier by another researcher in 2014 and reference was made to this by citing the author in the Discussion (Free Library, 2014) or [23]. I don't think it is ideal to include WHO Limits in our own original table of results. It is better to state the values for each metal considered in this study and cite the source or draw a separate table for the WHO limits. We shall draw a separate Table instead. Many authors have carried out similar studies in different areas or locations from mine. So, how can we discuss or compare our results or findings with theirs when each place has its peculiarities. Besides, we have already discussed factors affecting accumulation of heavy metals in the soil by plants or vegetables with reference to other researchers. If the reviewer has a specific aspect in mind, let him guide us, otherwise, we think it is better to focus on our results and compare them with standards like WHO or US-EPA.
Minor REVISION comments	NA	
Optional/General comments	NA	



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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	