



SDI Review Form 1.6

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| Journal Name: | Asian Journal of Research in Nursing and Health |
| Manuscript Number: | Ms_AJRNH_48943 |
| Title of the Manuscript: | Assesment of Some Heavy contaminants (Cu, Fe and Ni) present in Long term Exposure and Daily Consumption of Ready-to-eat foods sold at Petrol station's Atmospheric conditions (AF) in Calabar Metropolis. |
| 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) |
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| <p>Compulsory REVISION comments</p> | <ol style="list-style-type: none"> 1. Any reason for the choice of 6 hours' exposure time. 2. What is the possible mechanism for contamination? 3. What are the reasons for the choice of metals? 4. How many samples were homogenized? 5. Label the axes in figures 1-3. 6. Did not see any comparison of similar work done elsewhere. 7. Generally, the references are a bit old. Can you update with much more current literature since the only current reference is in 2014? 8. Check for the consistency in the references (some have spaces after the numbers eg. [2] whilst other do not have eg. [1]). 9. It was observed from the results of this study showed that petrol refueling stations atmosphere, introduced high levels of Pb and Cd into garri, afang soup, melon soup, The current study is on Cu, Fe and Ni, where from the Pb and Cd. Can you double check. | |
| <p>Minor REVISION comments</p> | <ol style="list-style-type: none"> 1. The abstract should be put together. 2. Be consistence with rice and white rice since both are used in the documents. 3. Any reason for the choice of the sampling site 'Calabar'. 4. Carefully read through the whole documents and correct for grammatical errors, spaces. <p>Eg: Title: 'Assesement of Some Heavy contaminants (Cu, Fe and Ni) present in Long term Exposure and Daily Consumption of Ready-to-eat foods sold at Petrol station's Atmospheric conditions (AF) in Calabar Metropolis' there is a space between Ni and) which has been highlighted in red..</p> <p>Introduction: line 6: discharged into the environment in the course of various human activities [1].The presence Line 14: between metal content in plants and soil in wheat.The metallic load of food crops depends Line 16: chain[2]. Food Line 18: Czech Republic, France, Poland, Germany and Spain[3,4]. Line 29: According to[5], 0.2mg/kg/bw/day is Line 33: and cocoa[6]. Line 36: mg, 0.207 - 0.406 mg respectively"[7,8,9,10]. {The refs should be merged}</p> <p>Method: One gram (1.0g) each of the pulled ... should read as 'About one gram (1.0g)' about 80-90°C Use the degree from symbol. After the sample was fully digested, giving light coloured solution, ... 'What do you mean by light coloured solution. was filtered into a 50ml beaker and made up to the mark with distilled water.... Its quite unusual to prepare a standard solution in a beaker. using Atomic Absorption Spectrophotometer[11].</p> <p>Results: showing the different concentrations of Cu, Fe and Ni in some ready-to-eat</p> | |



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| | levels of heavy metal pollution in the ecosystem[14]. | |
| Optional/General comments | | |

PART 2:

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| | 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> | |

Reviewer Details:

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