

Review Form 1.7

Journal Name:	European Journal of Nutrition & Food Safety
Manuscript Number:	Ms_EJNFS_110938
Title of the Manuscript:	Levels of selected metals in Brassica oleracea (cabbage), Solanum tuberosum (Irish potatoes) and Daucus carota (carrot) grown at Russau and Lamingo irrigation farms of Jos, Nigeria
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Source of water and if it is contaminated by industrial waste, then measure the heavy metals before designing hypothesis and inducing recommendations.</p> <p>Suggestions</p> <p>Original Research Article</p> <p>1. <i>Brassica oleracea</i> (cabbage), it is better to use name as <i>Brassica oleracea</i>.</p> <p>ABSTRACT</p> <p>2. Aim: This study assessed levels of Cd, Pb, Fe, Zn and As in <i>Brassica oleracea</i> (cabbage), <i>Solanum tuberosum</i> (Irish potatoes) and <i>Daucus carota</i> (carrot).</p> <p>Why not study "Chromium (Cr)" metal, it will give more astonishing results?.</p> <p>**In next study add onion and ginger for more significant result.</p> <p>3. Six samples were collected from each of the two irrigation farms.</p> <p>What is the source of irrigation water?</p> <p>Mention source of water for irrigation, industrial waste contaminated water have more heavy metals.</p> <p>It is better also measure the quantity of Cd, Pb, Fe, Zn and As in that water before start of experiment.</p>	

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	<p>4. The machine did not detect arsenic (As).then why enumerated in title. It is better remove As from title.</p> <p>5. Key Words: Cadmium, Lead, Zinc, Iron, Irrigation water, Food chain, Russau, Lamingo There is no story about food chain in abstract, then how it will be keyword. Russau, Lamingo(Area name).....not write in Italic format.</p> <p>Introduction</p> <p>6. attributed to generation of reactiveoxygen ... spacereactive oxygen</p> <p>Background:</p> <p>7. humanhealth -----space human health.</p> <p>Methods</p> <p>Digestion of samples</p> <p>8. HNO₃andspace HNO₃ and</p> <p>9. proportion.Afterspace proportion. After</p> <p>RESULTS</p> <p>10. ND = Not Detected. Then how we can measure the mean concentration of, As,...kindly clarify.</p> <p>11. Mention units of concentrationppm</p> <p>Arsenic was not detected by the equipment.</p> <p>DISCUSSION</p> <p>12. gastrointestinal tr act.....space</p> <p>13. 0.20ppmspace</p> <p>REFERENCES</p> <p>14 Wong WY, Ayman KIA, Ibrahim A, Khairunnisa H, Anis SMK, Sarah A, Hanee FH, Mohd M and Muhammad MA. Water, Soil and Air Pollutants’ Interaction on Mangrove Ecosystem and Corresponding Artificial Intelligence Techniques Used in Decision Support System—A Review. IEEE Access. 9, pp. 105532-105563, 2021, doi: 10.1109/ACCESS.2021.3099107. 2021</p>	
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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>	

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