

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Fisheries and Aquatic Research</a>
Manuscript Number:	Ms_AJFAR_74794
Title of the Manuscript:	Determination of Some Heavy Metals in Cultured Nile Tilapia ( <i>Oreochromis niloticus</i> ) in Western Kordofan State, Sudan
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://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

[Review Form 1.6](#)

**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><b>Compulsory</b> REVISION comments</p>	<p>The author investigated the contents of different minerals in various organs of Nile Tilapia in regional part water areas of Sudan. This study could provide the basic reference for aquaculture food safety. However, major revising should be carefully treated before publication as follows:</p> <ol style="list-style-type: none"> <li>1. The English should be edited specifically because of the poor description, for example, the part of Results and Discussion.</li> <li>2. In the introduction, the author should put forwards why it is important for investigation in this area? Not only for the important fisheries in this area, author should point out the data for supporting this importance by some references, like the consumption of fish per year, the yield of this lake, and population of people who living here.</li> <li>3. In the 2<sup>nd</sup> paragraph of introduction, the author mentioned that the “Fish occupy the high levels of aquatic food”, this is not rigorous. Fish is almost the main top of the food chain among water livings resources, thus being easily for some minerals enrichment.</li> <li>4. In the objectives of introduction part, the author put forwards a comparison with the recommend level or security dosage from FAO and WHO, but didn't show the data in the body text. And, furthermore, the author claimed in the part of general statement problems that to investigate how to avoid the harmful levels, which did not be done in this draft.</li> <li>5. In the result parts, the description is too long and not concentrated or integrated by a clearly logic presentation. For example, in the parts of “Pb”, author presented the second time with this sentence “There was a highly significant difference (<math>P \leq 0.01</math>) in Pb among Gills, Liver and Muscles of <i>Oreochromis niloticus</i>.” In fact, the results should be simplified.</li> <li>6. The most important what I want to focus is that, when did the author collected the samples (tissues and water sample)? what the market size of fish? And, whether it is comparable between the current study investigation and the reference the author referred fish in the discussion? As far as I know, the content of minerals could be affected by numerous plants and aquatic animals in this area, and the season variation would have a effect of these elements determination. Please refer the data published as follows and discuss it in the manuscript.</li> </ol> <p>Reference:</p> <ol style="list-style-type: none"> <li>(1) Potasznik A, Szymczyk S. Magnesium and calcium concentrations in the surface water and bottom deposits of a river-lake system[J]. <i>Journal of Elementology</i>, 2015, 20(3).</li> <li>(2) Stanek M, Janicki B. Impact of season and sex on calcium and phosphorus content in the meat of roach (<i>Rutilus rutilus</i> L.) from the Brda River (Poland, Bydgoszcz)[J]. <i>Folia biologica (Kraków)</i>, 2011, 59(3-4): 189-194.</li> <li>(3) Chu X, Wang H, Zheng F, et al. Spatial Distribution Characteristics and Sources of Nutrients and Heavy Metals in the Xiujiang River of Poyang Lake Basin in the Dry Season[J]. <i>Water</i>, 2021, 13(12): 1654.</li> </ol>	
<p><b>Minor</b> REVISION comments</p>	<ol style="list-style-type: none"> <li>1. Some sentences should be rewritten for the structure can not be standard for scientific publication.</li> <li>2. The last sentence in the part of “Cu” discussion mentioned “means of Cu and was mg/l.” what's the value?</li> <li>3. The reference referred in the text, for example, in this sentence, “the findings are in range of (17), who were stated-out that, the permissible level of Cu in Water was 1.50</li> </ol>	

## Review Form 1.6

	mg/L." The reference number inserted as (17), but generally, we used to use the author name to guide this reference, just like, "Li et al. reported (17)". 4. The Singular vs. Plural should be standard, for example, in the conclusion part of the text, "There were a highly significant differences ( $P \leq 0.01$ ) in all Heavy Metals among Gills, Liver and Muscles of <i>Oreochromis niloticus</i> cultured in Dams (Elsonout and Abu-zabad localities)". "a" should be deleted. Please doublecheck the other errors.	
<b>Optional/General</b> comments		

### PART 2:

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

### Reviewer Details:

Name:	<b>Yu-Wen Dong</b>
Department, University & Country	<b>Sichuan Agricultural University, China</b>