Dear Dr. Perdih,

Thank you for your reports.

The paper has been revised with your suggestions.

For your issues:

- Crystal cell parameters in Abstract are redundant

Res: Crystal cell data are omitted.

- Add IR and UV data also to section 2.2. and 2.3.

Res: IR and UV data are provided.

- In Figure 1 and in the text you use notation O1, O2 while in the Tables 2 and 3 you use notation O(1), O(2) etc. Use in all cases notation without brackets.

Res: The brackets are omitted.

For Reviewer A:

- It would have been useful for the author to determine the antifungal activity of the complex (fungical strains: Candida albicans, Aspergillus niger)

Res: We have determined the antifungal activity, and found that these complexes have no such activity on C. albicans and A. niger.

- In my opinion, because only one complex is included in the study, the manuscript does not rise to the level of publications for Acta Chimica Slovenica Journal. At least 2 complexes should be synthesized and characterized.

Res: A new zinc complex is combined to the paper.

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For Reviewer B:

1. Change “Biological activity” to “antibacterial activity” since the only evaluation is antibacterial screening of the ligand and complex.

Res: biological activity is corrected as antibacterial activity.

2. Page 3 line 61, change “Synthesis of the Complex” to “Synthesis of the Zn(II) Complex”.

Res: corrected.

3. Page 5, line 84; change “complexes” to “the Schiff base ligand and complex”.

Res: corrected.

4. Page 5, line 101, change “general” to “synthesis of the complex”.

Res: corrected.

5. Page 6, line 110, the author refers to the complex as “tetranuclear” while in line 113, it refers to it as “pentacoordinated trigonal bipyramidal”. The main content of the paper is the crystal, but the discussion is fundamentally flawed because the compound cannot be tetranuclear and pentacoordinated at the same time.

Res: The complex is definitely tetranuclear. As for the question about the coordination sphere, we described in the text as follows:

The question arises as to whether the coordination polyhedra around the five-coordinated zinc atoms can be described as distorted square pyramid or distorted trigonal bipyramid. Further information can be obtained by determining the structural index *τ* which represents the relative amount of trigonality (square pyramid, *τ* = 0; trigonal bipyramid, *τ* = 1); *τ* = (*β* - *α*)/60°, *α* and *β* being the two largest angles around the central atom.16 The values of *τ* are 0.68 for Zn1 and 0.636 for Zn2. Therefore, the coordination geometries of the zinc atoms in the complex are best described as severely distorted trigonal bipyramids, instead of square pyramids.

7. Page 8, In the molecular structure of the compound, while Zn2 look like

square based pyramid, Zn2a is more trigonal bipyramidal.

Res: Zn2 is not square based pyramid, it is more like trigonal bipyramidal (*τ* = 0.636). Zn2A is symmetry related Zn2, they are in fact with the same coordination.

8. Page 9, section 3.3 title says “IR and UV” but there is no discussion about the UV. Also, the IR spectra of both ligand and complex should be combined for ease of comparison.

Res: IR and UV are provided and discussed.

9. In the conclusion and abstract, the compound are referred to as “A novel tetranuclear zinc(II) complex”. This is fundamentally wrong.

Res: The complex is definitely tetranuclear. The word 'novel' is corrected to 'new'.

For Reviewer C:

I could suggest to evaluate the contribution of azide ligands into the antimicrobial effect and revise the introduction, discussion and conclusion accordingly.

Res: The azide compounds are toxic to human beings and animals, but have less activity on bacteria. We determined the activity of sodium azide, and given in Table 4.

Furthermore, some comparison of bioactivity with other known and similar complexes is missing. Just in this journal several interesting and comparable compounds were reported.

Res: The references are included on the reference list.