Dear Editor,

The manuscript has been revised in accordance with the comments of the referees as follows. Additionally the language of the manuscript has been revised. Corrections and additions are in red color in the revised manuscript.

With best regards,

On behalf of Authors

**Assoc. Prof. Dr. Mehmet Ferdi FELLAH**

**Answers to Comments**

**Reviewer A**

*page 1, abstract: instead "...are Zn(L)2..." should be "...is Zn(L)2..."*

It has been corrected.

*page 3, line 2: instead "...three Gram negative..." should be "...twoGram-negative..."*

It has been corrected.

*page 3, line 19: instead "...1-4 phenylendiamine..." should be "...1,4-phenylendiamine..."*

It has been corrected.

**Reviewer B**

*The B3LYP- Hybrid formalism 22-24 were used… should be The B3LYP- Hybrid formalism 22-24 was used… This has not been changed:*

It has been corrected.

*The spin contamination <S2> (a qualified error) can be presented theoretical calculations where in the cluster approach was utilized with spin multiplicity (SM). This sentence is meaningless.*

The sentence has been removed from the text.