

## Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_96821
Title of the Manuscript:	Metal-Salen Complexes: Structural Characterization and Mechanistic Explanation of Antibacterial Activity
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:

(<https://www.journalajocs.com/index.php/AJOCS/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments <b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) <b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title) <b>3. Is the abstract of the article comprehensive?</b> <b>4. Are subsections and structure of the manuscript appropriate?</b> <b>5. Do you think the manuscript is scientifically correct?</b> <b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	<p>The authors synthesized Schiff base ligands and its complexes using Ni(II), Cu(II) and Mn(II) as central metal atoms. Microanalysis, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR, ESI-MS and FT-IR spectroscopy techniques are used to characterize the compounds and the as-synthesized product was utilized for testing antibacterial potential of bacterial strains.</p> <p>Title is not suitable. Authors must change the title.</p> <p>Abstract should be re-written. Essential significant of the study will be given as a brief sentence. The structure of the (Subsections) manuscript is good. However results, analysis, discussion, mechanistic aspects of the manuscript are not clearly given.</p> <p>This manuscript must be compared with the reported literature which is related to this work. All the characterization data also must be incorporated in the manuscript.</p> <p><b>Recent references till 2023 must be included.</b></p>	
<b>Minor</b> REVISION comments <b>1. Is language/English quality of the article suitable for scholarly communications?</b>	Grammatical error should be avoided. Manuscript has written by poor English language.	
<b>Optional/General</b> comments	The authors must include the experimental and analytical data inside the manuscript. The obtained data should be discussed and compared to the suitable literature in appropriate places in the manuscript.	

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

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