

Review Form 3

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_131359
Title of the Manuscript:	Synthesis, Characterization And Biological Activity of New Pyrimidine Schiff Base And Its Cu(II), Ni(II) Complexes
Type of the Article	

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PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The work is a great addition to the field of Schiff base because it covers all the important aspects. The materials were well prepared, characterized, and tested.	Thanks for the comments
Is the title of the article suitable? (If not please suggest an alternative title)	OK	Thanks for the comments
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	OK	Thanks for the comments
Is the manuscript scientifically, correct? Please write here.	It scientifically robust.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No. I explained this in my comments.	Thanks for the comments

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Is the language/English quality of the article suitable for scholarly communications?	No	Thanks for the comments
<u>Optional/General</u> comments	<p>Synthesis, Characterization And Biological Activity of New Pyrimidine Schiff Base And Its Cu(II), Ni(II) Complexes”</p> <p>Is a scientific robust research work. I recommend its acceptance with minor corrections.</p> <ol style="list-style-type: none">1. The command of English could be better. There are many grammatical inconsistencies. The author can use the free version of Grammarly to correct that.2. “A literature survey indicates that no work has been done on Schiff base transition metal complexes derived from 2-hydroxy-1-naphthaldehyde and 2-amino-4-hydroxy-6-methylpyrimidine.” <p>Work has been done on this, but it uses a different metal ion. The authors should correct that by citing the metal ions they used in their work. https://doi.org/10.1016/j.matpr.2024.04.038</p> <ol style="list-style-type: none">3. Is there any reason for the poor antifungal, but impressive antibacterial activities of the compounds?4. The structure of the ligand should be written as “proposed”.5. The keys in the table should be rewritten. It's too hard to understand.6. The authors cited D.T.Sakhare a bit more in the work. I am sure there are other authors in this field to be cited.	Ok noted

PART 2:

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