

Review Form 3

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_129882
Title of the Manuscript:	CORROSION INHIBITION ACTIVITY OF TRANSITION METAL(II) COMPLEXES OF A BIDENTATE LIGAND FOR MILD STEEL IN ACIDIC MEDIUM PERTINENT TO GREEN CHEMISTRY
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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 manuscript suggests the use of sustainable synthesis methods such as microwave-assisted synthesis, which reduces chemical waste. The manuscript also contributes to the understanding of the mechanisms of action of inhibitors to improve industrial performance, and promotes the use of inhibitors with low environmental impact, supporting sustainability in various industries.	
Is the title of the article suitable? (If not please suggest an alternative title)	yes	
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.	yes	
Is the manuscript scientifically, correct? Please write here.	yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	yes	
Is the language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments	<p>The manuscript presents important findings regarding the corrosion inhibition properties of Schiff base and its complexes, which require careful treatment of the reviews presented.</p> <ul style="list-style-type: none">• The researcher should analyze Figures (2, 3) in more detail to clarify the results.• The study suggests that the mechanism of inhibition may involve a chemisorption process. To discover the inhibition mechanism more deeply, it is recommended to use chemical analyzes to clarify how inhibitors interact with the metal surface. <p>With the completion of the mentioned suggestions, the manuscript has the potential to make a valuable contribution to the field of corrosion science</p>	

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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>	

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