



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_56234
Title of the Manuscript:	Synthesis, Characterization and Antibacterial Analysis of Some Schiff Base Metal (II) complexes
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	The title must be modified as "Synthesis, Characterization and Antibacterial Assay of Some Schiff Base Metal (II) complexes". The UV-Vis spectra must be presented.	
Minor REVISION comments	<p>The first paragraph must be removed because present general information without direct connection with the paper topic.</p> <p>Information concerning complexes with other Schiff bases derived from acetyl acetone and / or 2-aminobenzoic acid that are biologically active must be presented in Introduction with recent references.</p> <p>The O must be removed from chemical analysis because the instrument presented does not determine this element.</p> <p>The <i>Pseudomonas Auriginesa</i> must be replaced by <i>Pseudomonas aeruginosa</i>.</p> <p>The microorganisms "They were collected from the microbiology research laboratory" cannot be collected from a laboratory so the real source must be presented (i.e. ATCC, clinical etc).</p> <p>The m. p. of complexes must be removed from Table 1 considering that complexes do not melt but decompose at that temperatures with water elimination. Interesting that in this Table the m.p. of ligand is missing.</p> <p>The Schiff base is presented as HL¹ but correct is H₂L¹ considering that has two ionisable groups in structure. Moreover, in the complexes composition this must be used as L¹ considering the deprotonation of carboxylic groups.</p> <p>The bands are presented in Spectra and not in spectral data. The bands assigned to carboxylate groups must be identified in the IR spectra and discussed according with coordination.</p> <p>The magnetic moment must be calculated and discussed accordingly with stereochemistry and the Table 4 must be removed.</p> <p>The conductivity is by far very high considering that complexes are non-electrolytes as presented in paper. These data must be rechecked.</p> <p>The biological activity must be detailed described.</p>	
Optional/General comments		

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

Reviewer Details:

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