

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_124296
Title of the Manuscript:	Amoxicillin oxidation by homogeneous and heterogeneous photocatalysis under solar irradiation
Type of the Article	

#### **PART 1:** Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The study is interesting because it deals with drug residues in water. The research work therefore has a dual impact on health and the environment, a topical issue.	
Is the title of the article suitable? (If not please suggest an alternative title)	Amoxicillin <b>oxidation</b> by <b>homogeneous and heterogeneous</b> photocatalysis under solar irradiation  I suggest changing oxidation by degradation or another synonym and also the authors should improve the title  The authors did not show the difference between homogeneous and heterogeneous photocatalysis in the article.	
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.	The abstract is clear and describe the work research presented in the paper They did not mention homogeneous and heterogeneous photocatalysis in the article Authors should improve it	
Are subsections and structure of the manuscript appropriate?	The manuscript should be improved Structure, organisation, formatting, Text should also be improved As example the authors don't mention in the text the different parameters as: study of pH, Study of the influence of the initial amoxicillin concentration, Study of the influence of initial Fe <sup>2+</sup> concentration should be included	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The aim of the manuscript is interesting, and the authors have done a good job, presenting great results with good explanations	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes but should be organized	

### Review Form 3

Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Need to be improved	
Optional/General comments	The manuscript should be improved	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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:

Name:	Zoulikha Abdelsadek
Department, University & Country	Institute IGEE, Algeria