

Review Form 3

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_124296
Title of the Manuscript:	Amoxicillin oxidation by homogeneous and heterogeneous photocatalysis under solar irradiation
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is important for the scientific community in the application of photocatalysis, an environmentally friendly technique for eliminating hazardous substances from wastewater.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable	
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 and the summary are incomplete The introduction should be enriched with current references Add solution characterization methods (HPLC , UV) in the abstract.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the manuscript are not appropriate.	
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 author needs to give more interpretation to his results Retake the mass optimization test, as we need to have a maximum Analysis should be performed by HPLC No information about PH choice. Give references for that. Wastewater can be acidic, neutral or basic.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	I suggest you take the articles from the last 5 years.	
Minor REVISION comments	Language accepted	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	The article must be revised from start to finish COD is a measurement, not technic analysis the HPLC technique provides information on the degradation of amoxicillin Give a degradation mechanism	

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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>	

Reviewer Details:

Name:	Soukhal Bachira
Department, University & Country	Algeria