

Review Form 3

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|--------------------------|---|
| Journal Name: | Chemical Science International Journal |
| Manuscript Number: | Ms_CSIJ_126570 |
| Title of the Manuscript: | Efficiency of ZnO Nanoparticles and Various Additives on Sonodegradation of Methylene Blue |
| Type of the Article | |

Review Form 3

PART 1: Review Comments

| Compulsory 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 research data is good. Short and comprehensive article. Topic of research is interesting. Application is up to the mark of the need of the industry. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Suggested Title: "Impact of Additive-Assisted ZnO Nanoparticles on the Sonocatalytic Degradation of Methylene Blue" | |
| 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. | should be written as more comprehensive many sentences could remove. | |
| Are subsections and structure of the manuscript appropriate? | yes | |
| 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 research data is good. Short and comprehensive article. Topic of research is interesting. Application is up to the mark of the need of the industry. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. - | Need to add the given references in the introduction part | |
| Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? | yes | |
| Optional/General comments | <ol style="list-style-type: none"> 1. Lot of spelling error in the manuscript. Like, otherhand, many more check it carefully 2. In introduction section, should describe complete form of the "azo" 3. In the introduction, mention the percentage of MB recently use various industries 4. In section 3.4, provide a solid reason why an increase in the concentration of NaCl decreases the efficiency of MB while Na2SO4 causes a significant increase in it. 5. Must add the quantity and purity level of ZnO nanoparticles in section 2.1 and 2.2, 6. Also mention have you purchased these or synthesized (if synthesized then should give the synthesis method and precursors have been used) 7. In section 3.1 should mention the relation used to obtained the degradation efficiency 8. You mentioned CCl4 has much toxic effect which may be more harmful for aquatic life as compared to MB, then how could it be beneficial wastewater purification | |

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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:

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|----------------------------------|--------------------------------------|
| Name: | Muhammad Irfan |
| Department, University & Country | University of Okara, Pakistan |