

Review Form 1.7

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| Journal Name: | Asian Journal of Chemical Sciences |
| Manuscript Number: | Ms_AJOCS_113255 |
| Title of the Manuscript: | Adsorption Investigations on the Removal of Azoic Dye by Untreated Wood Sawdust |
| Type of the Article | Original Research Article |

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) |
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| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>1- Yes, the manuscript is scientifically important, as the research is addresses the removal of Congo red, a common and potentially harmful azoic dye, using untreated wood sawdust as an adsorbent. The study explores a cost-effective and eco-friendly approach for water purification, offering insights into the optimal conditions for efficient removal. This type of research is crucial in developing sustainable and accessible solutions for treating water contaminated with dye pollutants, contributing to both environmental protection and potential applications in wastewater treatment processes and similar to many recent studies like " Removal of wood dyes from aqueous solution by sorption on untreated pine (pinus radiate) sawdust" 2023.</p> <p>2- The Title fully describes the content of the manuscript.</p> <p>3- Yes, the abstract appears to be comprehensive and covers key aspects of the research manuscript. It includes information on the objective of the study, the materials and methods employed, the findings related to adsorption efficiency under various conditions, characterization of the adsorbent, and a brief overview of the results and their implications.</p> <p>4- Yes, the subsections are appropriate and enough for this type of study.</p> <p>5- It seems that the manuscript follows a scientific approach, including various experiments, analyses, and models to investigate the adsorption of Congo red dye using untreated wood sawdust.</p> <p>6- The references are sufficient and no additional references are required.</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>Yes, the language and English quality of the article are commendable, demonstrating a good standard suitable for scholarly communication</p> | |
| <p>Optional/General comments</p> | <p>The manuscript describes the removal of Azoic dye using sawdust and it is similar to many recent studies and it demonstrates a commendable alignment with recent studies in the field, showcasing its relevance and contribution to the current scholarly discourse, confirm the same out comes by building upon the existing body of knowledge, the study offers valuable insights and perspectives. The clear connection to recent research enhances the manuscript's significance and underscores its potential to advance ongoing discussions in the field.</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> |
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| 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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| Department, University & Country | Cairo University, Egypt |