

**Review Form 3**

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|--------------------------|--|
| Journal Name:            | <a href="#">Asian Journal of Chemical Sciences</a>                               |
| Manuscript Number:       | Ms_AJOCS_126375  |
| Title of the Manuscript: | Response surface methodology: An insight into Optimization of adsorption studies |
| Type of the Article      | Review Article   |

Review Form 3

PART 1: Review Comments

|   |  |  |
|---|--|--|
| <b>Compulsory</b> REVISION comments   | Reviewer's comment   | <b>Author's Feedback</b> <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.                        | This article is important for the scientific community, as it highlights the response surface method used in adsorption for water treatment. It's study have recent references and industrial applications.  |  |
| Is the title of the article suitable?<br>(If not please suggest an alternative title)   | Adsorption optimization studies using response surface methodology   |  |
| 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.   | well drafted   |  |
| Are subsections and structure of the manuscript appropriate?  | no suggestion  |  |
| 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. | this article summarizes recent work on the optimization of adsorption using the design of experiments method. The response surface method for predicting system operation and behavior.  |  |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.<br>:  | the references are recent but I would like him to cite the work of domga et al 2022. Domga, R., Abia, D., Mouthe, A.G.A., Musongo, B., Domga, Wangmene, B., Tchatchueng, J.B., 2022. Optimization of methylene blue adsorption on activated carbon from Bos Indicus Gudali bones using a Box Behnken experimental design. American Journal of chemistry. Vol. 12(1), 1-9. Doi: 10.5923/j.chemistry.20221201.01 |  |
| Minor REVISION comments   |  |  |
| Is the language/English quality of the article suitable for scholarly communications?   | The article is well-written and the keywords should be listed in alphabetical order. Example: Adsorption, Phenols, Response surface methodology, Toxic heavy metals, Wastewater  |  |
| Optional/General comments   | This article can be published  |  |

Review Form 3

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? | (If yes, Kindly please write down the ethical issues here in details) |   |

Reviewer Details:

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|----------------------------------|--|
| Name:                            | Domga Richard  |
| Department, University & Country | School of Agro Industrial Sciences, University of Ngaoundere, Cameroon |