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| Book Name: | [Recent Developments in Chemistry and Biochemistry Research](https://www.bookpi.org/bookstore/product/recent-developments-in-chemistry-and-biochemistry-research-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3026** |
| Title of the Manuscript:  | **The Role of β-Cyclodextrin in the Textile Industry—Review** |
| Type of the Article | **Book chapter** |

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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.** | **The manuscript explains the Role of β-Cyclodextrin in the Textile Industry which is an essential topic to be discussed especially indicating its limitations and advantages. This review explained the concerned topic with structures which will be easily understandable.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Yes, although a sentence may be included clarifying the tenure of the previous studies undertaken.** |  |
| **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.** | **Cyclodextrins are considered as a new topic in textile industry. The cyclodextrin incorporated textiles can be applied in various applications. The future applications includes antibacterial, anti-fungal properties.** **These can also be used as an adsorbent in water treatment.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes** |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | 1. In the abstract section, kindly include the tenure of the previous studies considered.
2. Authors are advised to kindly include more information in the introduction section as it is unclear.
3. Authors are also suggested to rewrite the conclusion part as the sentences are not serially arranged and seems to be repeated (similar meanings).
4. Kindly include a section of abbreviations used.
5. Kindly include the following referrences (which would clarify some recent works indicating future applications in similar field)
* Manash Pratim Barman, Dipanwita Basak, Debasis Borah, Deepmoni Brahma, Mandira Debnath and Hemaprobha Saikia. "Green Synthesis and applications of Mono/Bimetallic Nanoparticles on Mesoporous Clay: A Review". Reviews in Inorganic Chemistry Published online May 27, 2024 <https://doi.org/10.1515/revic-2024-0008>.
* Dipanwita Basak, Mohit Kumar, Mandira Debnath, Debasis Borah, Deepmoni Brahma, Harshajit Nath and Hemaprobha Saikia. "Smectite-supported metal nanoparticles: current trends and approaches." Monatshefte für Chemie-Chemical Monthly (2023): 1-11. https://doi.org/10.1007/s00706-023-03077-0
* Deepmoni Brahma, Kasturi Priyom Nath, Madhusmita Patgiri and Hemaprobha Saikia. “Synthesis of Ternary CaNiAl-Layered Double Hydroxide as Potential Adsorbent for Congo Red Dye Removal in Aqueous Solution”. Asian Journal of Chemistry 34, no. 12 (2022): 3215-3223.  <https://doi.org/10.14233/ajchem.2022.23977>
* Deepmoni Brahma, Harshajit Nath, Debasis Borah, Mandira Debnath and Hemaprobha Saikia. "Coconut husk ash fabricated coAl-layered double hydroxide composite for the enhanced sorption of malachite green dye: Isotherm, kinetics and thermodynamic studies." Inorganic Chemistry Communications 144 (2022): 109878. <https://doi.org/10.1016/j.inoche.2022.109878>
* Deepmoni Brahma and Hemaprobha Saikia. "Synthesis of ZrO2/MgAl-LDH composites and evaluation of its isotherm, kinetics and thermodynamic properties in the adsorption of Congo red dye." Chemical Thermodynamics and Thermal Analysis 7 (2022): 100067.  <https://doi.org/10.1016/j.ctta.2022.100067>
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| Optional/General comments |  |  |

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| **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)*** |  |

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| **Reviewer Details:** |
| **Name:** | **Hemaprobha Saikia** |
| **Department, University & Country** | **Bodoland University, India** |