

**Review Form 3**

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|--------------------------|---|
| Journal Name:            | <a href="#">Archives of Current Research International</a>  |
| Manuscript Number:       | <b>Ms_ACRI_121048</b>   |
| Title of the Manuscript: | <b>Analysis of Physicochemical Properties of corn starch based composite Biodegradable Cups Influenced by Ultrasonication Pretreatment of Casting Solutions</b> |
| Type of the Article      |   |

### Review Form 3

#### PART 1: Review Comments

| <b>Compulsory</b> REVISION comments   | <b>Reviewer's comment</b>   | <b>Author's Feedback</b> (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 highlights the importance of simple method to manufacture biodegradable cups which solve the problem of plastic consumption. The manuscript is quite comprehensive and explain the experimental design efficiently. It might need to add few lines to discussion part where it needs to nightlight the mechanism of ultasonication and other methods to prepare such cups. |   |
| Is the title of the article suitable?<br>(If not please suggest an alternative title)   | Yes, it 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.   | It is comprehensive.  |   |
| 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. | I suggest that author of this manuscript should add the other methods to prepare cups and compare the results of manufacturing cups with ultrasonication technique. Also, in introduction section it would be beneficial for readers if mechanism behind ultrasonication is explained a bit.  |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.   | Yes.  |   |
| Minor REVISION comments   |   |   |
| Is the language/English quality of the article suitable for scholarly communications?   | It is but can be improved.  |   |
| <b>Optional/General</b> comments  |   |   |

#### PART 2:

|  | <b>Reviewer's comment</b>  | <b>Author's comment</b> (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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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |  |

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**Reviewer Details:**

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|----------------------------------|--|
| Name:                            | <b>Anam Arshad</b>                       |
| Department, University & Country | <b>Quiad e Azam University, Pakistan</b> |