

Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_97343
Title of the Manuscript:	Effect of Chemical, Time and Concentration on Quality of Sludge and Pulp Appearance
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajocs.com/index.php/AJOCS/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Yes. The manuscript has reflected an important research work for scientific community. 2. The title is acceptable. However, the authors can improve it according to the suggestion here: "Effect of different types of chemicals, cooking time and chemical concentration on the quality of sludge and pulp appearance" 3. The abstract of the article is acceptable. However, the author is suggested to include the final conclusion in the last sentence to summarize your finding from the research work and its contribution towards the industry etc. 4. The structure of the manuscript is inappropriate and needs to be restructured to make it smooth and clear to the reader. For ex: Some of the paragraph in the introduction part is too short. The author can combine some of the related sentences in one same paragraph. "Sludge is produced during paper manufacturing and its content depends on the raw materials, bleaching chemicals, and the manufacturing process [2] These sludges and other wastes from pulp and paper mills represent a major environmental cost for the mill operators. Over the last few years, the problem of efficient disposal and management of organic solid wastes has become more rigorous due to the rapid increase in population, intensive agriculture, and industrialization [3] To maintain a cleaner environment, waste disposal has become an issue of vital importance." 5. The manuscript is scientifically correct. 6. The references are sufficient and recent with the latest ref is in 2022. <p>Additional comment:</p> <p>Introduction part: There are many grammatical and typing error found throughout the manuscript. For ex: "...facing modern industry y". Please remove 'y'. "Dring" . Please correct it to 'During'. [ibid 10], [ibid 11] → check back the citation format of references in the text. Please include the related references in Table 1. The author can add another one column for the references.</p> <p>Methodology:</p>	

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	<p>(sample titre – blank titre). What is means by titre here?</p> <p>Moisture(mot/wt) (%)→ Is it (mol/wt)? Please check back.</p> <p>Please numbering each of the equation used in the methodology part.</p> <p>Please write a complete title to describe each of the figure (Ex: Figure 1, Figure 2)</p> <p>Results and Discussion:</p> <p>Please begin this section with a discussion, followed by the relevant table or figure.</p> <p>Some of the results can also be represented graphically (in figure) to demonstrate the trend of increasing or decreasing value.</p> <p>Please include the theory or reason for each of the results, rather than just reporting the analysis data.</p> <p>The author can also compare the results obtained with the previous reported study.</p> <p>Conclusion:</p> <p>“There was no report of the parameters when cooked with 20% concentrations of formic acid” → Why? Any reason behind?</p> <p>Effect of cooking time is not been discussed in the conclusion. What is the best cooking time?</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Overall, the English quality of the article is unsuitable for scholarly communications. Thus, english should be revised to improve the quality of the manuscript. Grammatical and typing errors as well as inadequate phrases are found in the manuscript, making some of the discussions difficult to understand.</p>	
<p>Optional/General comments</p>	<p>Please improve the format of the manuscript especially in the methodology section.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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