

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_97678
Title of the Manuscript:	AN ASSESSMENT OF BIODIESEL PRODUCTION FROM THREE SPECIES OF MICRO ALGAE (Chlamydomonas reinhardtii, Chroococcus species and Ankistrodesmus falcatus)
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://journaljabb.com/index.php/JABB/editorial-policy>)

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"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> The manuscript is relevant and important for the scientific community as it addresses the pressing need to find alternative and sustainable sources of energy to replace fossil fuels. The study evaluates the potential of using microalgae for biodiesel production, which is an area of growing interest in the scientific community. The findings of the study could contribute to the development of more efficient and cost-effective methods for producing biodiesel from microalgae, which could ultimately lead to a reduction in greenhouse gas emissions and a more sustainable energy future. The title of the article is appropriate as it accurately reflects the content of the study. It clearly identifies the focus of the research and the specific topic that is being explored, which is the production of biodiesel from three different species of microalgae. The abstract provides a comprehensive summary of the study, including the aim, study design, methodology, results, and conclusion. It clearly identifies the key aspects of the research, including the specific microalgae species used, the methods used for oil extraction and biodiesel synthesis, and the fuel properties and chemical composition of the biodiesels produced. The abstract also provides insights into the potential applications of the findings, including the use of the biodiesel blends in diesel engines. Overall, the abstract is well-structured and provides a clear overview of the study. The structure and subsections of the manuscript effectively present the authors' research and conclusions in a clear and appropriate manner. The paper adheres to scientific best practices and is backed up by sufficient data that supports the authors' findings. The references provided in the manuscript are current and comprehensive. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The article's language and English quality are appropriate for scholarly communications, yes. The essay employs proper grammar, punctuation, and spelling and is written in a clear, succinct style. In order to bolster the assertions made throughout the book, it also offers pertinent citations and references.</p>	
<p>Optional/General comments</p>	<p>Given the significance of the study, the article should be approved; Overall, the article entitled "An Assessment of Biodiesel Production from Three Species of Micro Algae" appears to be well-written and informative.</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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