

Review Form 1.7

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_101516
Title of the Manuscript:	Hydrolysis and Analysis of Agricultural Wastes Using Mineral Acids for Possible Glucose Synthesis.
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.journalair.com/index.php/AIR/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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The manuscript appears to have the potential to contribute to the scientific community's understanding of agricultural waste valorisation and the production of fermentable sugars.</p> <p>2. The title accurately reflects the main objectives and content of the article, which is beneficial for potential readers and researchers interested in the topic.</p> <p>3. The abstract is NOT comprehensive, and author need to add significance of the research, the experimental setup, the specific analytical techniques used, and a concise summary of the results and conclusions.</p> <p>4. Overall, the manuscript is well-written and provides detailed information about the experimental procedures and results. However, it would be helpful to include more details about the specific equipment and materials used in the experiments. One suggestion for improvement is to include more statistical analysis of the results, such as standard deviations or confidence intervals, to assess the variability and significance of the findings. Additionally, it would be beneficial to discuss the potential applications of the produced fermentable sugar beyond ethanol production, as this would further emphasize the importance and potential impact of the study.</p> <p>5. The manuscript is a valuable contribution to the field of biomass utilization for energy production. The experimental procedures are well-described, and the results are presented clearly. With some minor revisions and additions, this article has the potential to be a strong publication.</p> <p>6. It is recommended to ensure that proper referencing is included in the research article and to consult recent scholarly sources relevant to the topic of hydrolysis of agricultural wastes and glucose synthesis.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality of the article is suitable for scholarly communications. The article follows a formal and technical writing style, using appropriate scientific terminology and structure.</p> <p>The abstract provides a concise summary of the research, and the introduction introduces the topic, presents relevant background information, and states the research objective.</p> <p>The materials and methods section describes the procedures followed in a clear and detailed manner, allowing for reproducibility of the study.</p> <p>The results and discussion section presents the findings of the research and discusses their implications.</p> <p>The article also includes tables to present the data and a list of keywords for easy indexing.</p> <p>Overall, the language used in the article is appropriate for scholarly communication in the field of research it belongs to.</p>	
<p>Optional/General comments</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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