

## Review Form 1.7

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_116480
Title of the Manuscript:	Synthesis of Nano-Electrolytic Manganese Dioxide for Alkaline Batteries Mediated by Organic Additives.
Type of the 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><b>Compulsory</b> REVISION comments</p> <p>1. Is the manuscript important for scientific community?</p> <p>2. Is the title of the article suitable?</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. Yes, results are very interesting for other scientific researcher, manuscript should be published. In abstract Part: the authors mentioned about "The effect of addition of organic additives such as Glycine(GLY) Sucrose(SUC) and Saccharine(SACCH) on the microstructure and electrical properties of electrolytic manganese dioxide(EMD) produced from an acidic aqueous sulfate solution is discussed. <b>Authors need to write about weight percentage of</b> as Glycine(GLY) Sucrose(SUC) and Saccharine(SACCH).</p> <p>2. Yes all the results are supporting to article title. The manuscript must be properly organized, I would suggest organize it, especially clear motivation, add challenges of the work must reflect in the introduction. Furthermore study that is related to this work. Check the format of all references.</p> <p>3. Yes, abstract is reflecting all finding/results of manuscript. The authors should explain the mechanism for the formation through flow chart/Schematic diagram about sample preparation in this study</p> <p>4. Yes, subsection and structure of manuscript are appropriate. <b>The authors should be these papers and must be put as references for visibility.</b></p> <p><a href="https://doi.org/10.1007/s10562-023-04541-6">https://doi.org/10.1007/s10562-023-04541-6</a></p> <p><a href="https://doi.org/10.1016/j.cocom.2022.e00773">https://doi.org/10.1016/j.cocom.2022.e00773</a></p> <p><a href="https://doi.org/10.1016/j.jphotochem.2023.115334">https://doi.org/10.1016/j.jphotochem.2023.115334</a></p> <p>5. Yes manuscript is presenting good scientific results.</p> <p>In my suggestions authors must be put following reference for the visibility of manuscript.</p> <p><a href="https://doi.org/10.1016/j.jmrt.2021.01.126">https://doi.org/10.1016/j.jmrt.2021.01.126</a></p> <p><a href="https://doi.org/10.1098/rsos.230503">https://doi.org/10.1098/rsos.230503</a></p> <p><a href="https://doi.org/10.1007/s10971-023-06287-4">https://doi.org/10.1007/s10971-023-06287-4</a></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Grammar should be improved.	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

**Reviewer Details:**

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