

Review Form 3

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_130203
Title of the Manuscript:	Stability Evaluation of Acetylsalicylic Acid in Commercial Aspirin Tablets Under Different Storage Conditions
Type of the Article	Original Research Article

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This research is important concerning the stability of drugs and the probable toxic effects of any medicine. Depending upon various geological conditions it is required to prove the stability of medicine in varied environmental conditions.	The authors express their gratitude for the thorough review of the manuscript and the valuable suggestions and comments provided. This constructive feedback has significantly contributed to enhancing the quality and clarity of the work.
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The Title may be : Stability Studies of Aspirin Tablets Under Different Storage Conditions as per regulatory guidelines.	We sincerely appreciate reviewer's suggestion to revise the title to "Stability Studies of Aspirin Tablets Under Different Storage Conditions as per regulatory guidelines." However, the focus of our study was to evaluate the stability of acetylsalicylic acid in commercial Aspirin tablets under <i>domestic storage conditions</i> , rather than the conditions outlined in regulatory guidelines.  As such, the proposed title may not accurately reflect the scope and findings of our research. The originally proposed title, "Stability Evaluation of Acetylsalicylic Acid in Commercial Aspirin Tablets Under Different Storage Conditions," aligns more closely with the content of the manuscript and conveys the intended focus of the study.  We kindly request reviewer's understanding and propose to retain the original title.

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<b>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.</b>	Whatever condition under study should be referenced to any regulatory guidelines.	<p>We appreciate reviewer's suggestion regarding the need to reference regulatory guidelines for the conditions under study. However, it is important to note that the focus of our study was to evaluate the stability of Aspirin tablets under <i>real-life storage conditions</i>, rather than controlled environments such as stability chambers. Specifically, the study was designed to assess the stability of Aspirin tablets stored by patients at home for a one-month treatment period, which may not align with the controlled conditions typically defined by regulatory guidelines.</p> <p>Given the practical nature of our study, we believe that referencing specific regulatory guidelines would not accurately reflect the context of our research. We hope this clarifies the approach taken in the study.</p>
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes. If the manuscript also incorporates various regulatory guidelines like ICH to justify the acceptable criteria concerning the recovery and toxicity. Generally, when a product degrades it generates toxic chemicals that must be addressed.	We have taken this into account and have made additions to both the introduction and the discussion sections of the manuscript. These additions now address the degradation of acetylsalicylic acid (ASA) and the potential toxic products resulting from this degradation. Furthermore, we have included a discussion on the toxicity of salicylic acid, emphasizing the importance of monitoring the stability of ASA in terms of its degradation products. All changes in the manuscript are highlighted.
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	A more recent reference for the year at least 2023 should be referred to.	Several more recent references have been added as suggested.
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes	-
<b><u>Optional/General</u></b> comments	<p>All over manuscripts reflect the study. The work is an important work concerning domestic conditions.</p> <p>1. Reference to the Analytical method should be incorporated. Which methods 1 and 2 should be mentioned? 2. Temperature and humidity must be combined. 3. No Information about U8 in Table 1</p> <p>Light means which light?</p>	<p>Below are our responses to reviewer's specific points:</p> <ol style="list-style-type: none"><li><b>Reference to the analytical methods</b> The analytical methods used in the study are described in sufficient detail to ensure reproducibility of the analyses. These methods are slightly modified pharmacopeial procedures for the acid-base titration of acetylsalicylic acid (ASA), adapted to suit the specific needs of the study. We have clarified this in the revised manuscript to enhance transparency.</li><li><b>Temperature and humidity combination</b> Regarding the combination of temperature and humidity, we seek further clarification on this point. If the suggestion refers to combining these parameters in the presentation of results or discussion, we considered each parameter important to analyze and discuss separately to provide a more comprehensive understanding of their individual effects on ASA stability.</li><li><b>Information about U8 in Table 1</b> The data concerning U8 have been added to Table 1, as recommended. Thank you for bringing this to our attention.</li><li><b>Light specification</b> The term "light" referred to in the manuscript has been clarified. It specifically pertains to exposure to natural daylight conditions during the study period. This clarification has been incorporated into the manuscript to avoid ambiguity.</li></ol> <p>We appreciate reviewer's insightful suggestions, which have helped us improve the clarity and comprehensiveness of our work.</p>

**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>	The authors declare that there are no ethical issues in the manuscript. Responses to the reviewer's specific comments have been provided in the sections above. All necessary corrections and revisions have been made and are highlighted in yellow in the final version of the manuscript.