

Review Form 3

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_130319
Title of the Manuscript:	COMPARATIVE STUDY OF AROMATIC PROPERTY FROM IR SPECTRAL INTERPRETATION OF FRESH FRUIT AND DRIED FRUIT DATE SEEDS CINDERS (COLLECTED FROM JAIPUR, RAJASTHAN) AND ITS EVALUATION BY UV SPECTROSCOPY ACCORDING TO ICH GUIDELINES
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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>
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.	This manuscript addresses an underexplored area by evaluating the aromatic properties of date seed cinders through FTIR and UV spectroscopy. It provides valuable insights into the chemical and aromatic profiles of fresh and dried date seeds, highlighting potential uses for these agricultural by-products in industries such as food, cosmetics, and pharmaceuticals. Furthermore, the research supports sustainable practices by promoting the use of agricultural waste. Its focus on ICH guidelines enhances its credibility and makes it a practical reference for quality control and analytical chemistry studies.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title is informative but excessively long and could be streamlined for clarity. Suggested alternative: "Evaluation of Aromatic Properties of Fresh and Dried Date Seed Cinders Using FTIR and UV Spectroscopy in Compliance with ICH Guidelines."	

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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.	<p>The abstract is comprehensive but could benefit from improved clarity and conciseness. Suggestions:</p> <ul style="list-style-type: none"><li>Start with a clearer statement of the problem or gap being addressed.</li><li>Include specific quantitative findings (e.g., aromatic concentration differences).</li><li>Avoid redundant phrases like "dried date seeds does possess highly aromatic property."</li></ul> <p>Suggested revision: <b>"Date seeds, a rich source of dietary fiber and antioxidants, hold potential for various industrial applications. This study investigates the aromatic properties of fresh and dried date seed cinders using FTIR and UV spectroscopy, adhering to ICH guidelines. Quantitative analysis revealed significant differences in chemical profiles, with dried seeds exhibiting higher aromaticity and a coffee-like fragrance. These findings provide a foundation for further research into the utilization of date seed cinders in sustainable and value-added applications."</b></p>	
Is the manuscript scientifically, correct? Please write here.	<p>The manuscript appears scientifically robust, with detailed methodology and adherence to analytical standards. However:</p> <ul style="list-style-type: none"><li>Ensure the methodology section includes specific parameters (e.g., wavenumber ranges, resolution for FTIR).</li><li>Justify why specific tests (e.g., Ferric Chloride, Bromine Water) were chosen for aromaticity confirmation.</li><li>Address potential limitations, such as variations in seed composition due to environmental factors.</li></ul>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>The references are comprehensive and include key sources on date seed composition and spectroscopic methods. However:</p> <ul style="list-style-type: none"><li>Ensure a higher proportion of recent references (post-2018) to reflect advancements in analytical techniques.</li><li>Consider adding references on sustainability and waste valorization in agricultural contexts.</li></ul> <p>Suggested additions:</p> <ul style="list-style-type: none"><li>Ogunbenro AE et al., 2020 (on biomass date seeds for CO2 adsorption).</li><li>Nabili A et al., 2016 (on cellulose extraction from date seeds).</li></ul>	
Is the language/English quality of the article suitable for scholarly communications?	<p>The language is generally understandable but requires revisions for scholarly communication. Improvements should focus on:</p> <ul style="list-style-type: none"><li>Grammar and syntax corrections (e.g., "dried date seeds does possess" → "dried date seeds possess").</li><li>Simplifying complex or repetitive sentences.</li><li>Improving flow and readability by reducing redundancy.</li></ul>	
Optional/General comments		

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

Reviewer Details:

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