

[BPI Review Form 070520](#)

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| Book Name: | Recent Developments in Chemistry and Biochemistry Research |
| Manuscript Number: | Ms_BPR_1208 |
| Title of the Manuscript: | Physicochemical Properties and Determination of Some Bioactive Phytochemical Constituents From Linum Usitatissimum L Oil (Flaxseed) by Gas Chromatography-mass Spectrometry (GC-MS) and Atomic Absorption |
| Type of the Article | Book chapter |

General guidelines for the Peer Review process:

This Book's peer review policy states that **NO** manuscript should be rejected only based on '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To ensure a high-quality review, reviewers are rated on a 5-point scale and reviewers with an average of 3 or more points will be included in the Annual Peer Reviewers' Hall of Fame. Please see details of the Annual Peer Reviewers' Hall of Fame here:

One point is assigned for each of the following:

1. The reviewer responded to the review invitation within the requested time frame.
2. The reviewer reviewed the manuscript within the requested time frame.
3. The review addressed all aspects that were asked for in the reviewer guidelines.
4. The reviewer gave suggestions to improve the revised version
5. The review was written in a friendly and encouraging way.

Special note:

A research paper which has already been published in a journal can be published as a Book Chapter in an expanded form. This is acceptable in the academic world.

Source Article:

This chapter is an extended version of the article published by the same author(s) in the following journal.

International Journal of Scientific and Management Research, Volume 4 Issue 5 (September) 2021

DOI - <http://doi.org/10.37502/IJSMR.2021.4501>

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PART 1: Review Comments

| | Reviewer's comment | Author's comment <i>(If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)</i> |
|---|---|--|
| Is the manuscript important for the scientific community? Please write a few sentences explaining your answer | Yes A plant-based food high in fiber, antioxidants, and healthy fat is flaxseed. Numerous health benefits of flax seeds are attributed to their high level of fiber, omega-3 fatty acids, and other plant chemicals. They may help with digestion and heart health, as well as help with blood sugar regulation and weight loss. More scientific studies now suggest that flax seeds are becoming a "super food" due to its numerous health advantages and health-protective qualities. This highlights the significance of the phytochemical analysis carried out in the research project referenced in this article, which is done on flax seed. | |
| Is the title of the article suitable? Do you have any alternative Title in your mind? | Yes | |
| Is the abstract of the article comprehensive? If your answer is No, please provide suggestions | Yes | |
| Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions | Yes, 1. Only one place in the article in the Results and Discussions: Paragraph 1, line 11 "were agree" will be better to be replaced by: Agreed with or Were in agreement. 2. In the paragraph of Physical characters of the oil: Refractive index $32=2C$ should be appropriated. | |
| Please provide your comments regarding the appropriateness of different sections of the manuscript. | Please include a paragraph "Conclusion" summarizing the results of the study ,the new aspects from the previous publication and the future implications of this research. | |
| Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here. | Yes | |

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PART 2:

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

Reviewer Details:

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|----------------------------------|--|
| Name: | Aditi Munmun Sengupta |
| Department, University & Country | University of Calcutta, B M Birla Heart Research Institute, India, and Eastern Michigan University, USA |