

[Review Form 3](#)

Book Name:	Recent Developments in Chemistry and Biochemistry Research
Manuscript Number:	Ms_BPR_3888
Title of the Manuscript:	PHYTOCHEMICALS FUNCTIONAL GROUPS AND MINERAL COMPOSITION OF ALLIUM SATIVUM (GARLIC) CLOVES
Type of the Article	Book chapter

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 provides valuable insights into the phytochemical and mineral composition of <i>Allium sativum</i> (garlic) cloves, a widely used medicinal plant with extensive therapeutic applications. By employing advanced analytical techniques like FTIR and ICP-OES, the study identifies bioactive functional groups and essential trace elements, highlighting their potential role in disease prevention and treatment. These findings contribute to the understanding of garlic's pharmacological actions and underscore its importance in both traditional and modern medicinal systems. The comprehensive profiling of bioactive compounds and minerals also lays the foundation for further research into the development of novel therapeutic agents derived from garlic.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes, the abstract is comprehensive and covers the essential components, including the objective, methods, results, and conclusion.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears to be scientifically correct based on the information provided. It follows standard scientific practices, employs appropriate methodologies (phytochemical screening, FTIR, and ICP-OES), and reports clear findings related to the bioactive compounds and mineral composition of <i>Allium sativum</i> cloves.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	The references cited in the manuscript are relevant and provide a solid foundation for understanding the phytochemical and mineral composition of <i>Allium sativum</i> . However, many references are over 10 years old, which may limit the manuscript's ability to reflect the latest scientific developments and methodologies.	
Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article are generally clear and convey the intended meaning.	
<u>Optional/General</u> comments		

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

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