

### Review Form 3

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	Ms_JSRR_127740
Title of the Manuscript:	ULTRASOUND ASSISTED HYBRID TECHNOLOGIES FOR EXTRACTION OF BIOACTIVE COMPOUNDS
Type of the Article	Review 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**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <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>	<b>The manuscript makes a contribution to the field of bioactive compound extraction by introducing ultrasound-assisted hybrid technologies. The study presents ultrasound as a promising tool to enhance the drawbacks of traditional techniques such as extraction efficiency, yield, and product quality. The integration of ultrasound with other extraction technologies, such as microwave-assisted extraction, offers a synergistic approach that reduces environmental impacts and improves the sustainability of bioactive compound extraction. This work provides valuable insights that could significantly impact both academic research and industrial applications, particularly in the areas of pharmaceuticals, food science, and sustainable biotechnologies.</b>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>Yes, the title is suitable</b>	
<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>	<b>Yes, the abstract is comprehensive and informative</b>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	<b>Yes, the manuscript is scientifically correct</b>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<b>There are 48 references in the manuscript, 25 of which are published within the 5 years. References are sufficient, I don't have any additional suggestions.</b>	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	<b>The English quality of the manuscript meets the standards required for scholarly communication. The technical terms and concepts are used accurately, and the overall presentation is precise. The authors have successfully conveyed their findings in a way that is understandable to both experts and readers from related fields.</b>	
<b>Optional/General</b> comments		

#### **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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