

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_99703
Title of the Manuscript:	Comparative impacts of extraction solvents on in vitro antioxidant and acetylcholinesterase inhibitory activities of Spondias mombin Leaves
Type of the Article	

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

<https://journalajrb.com/index.php/AJRB/editorial-policy>)

PART 1: Review Comments

	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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? YES (Please write few sentences on this manuscript) 2. Is the title of the article suitable? YES (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? YES 4. Are subsections and structure of the manuscript appropriate? YES 5. Do you think the manuscript is scientifically correct? YES 6. Are the references sufficient and recent? YES If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	MATERIALS AND METHODS 1. In the acetylcholinesterase inhibitory assay (2.3.1) please mention the control used in the assay. 2. Please write the full meaning of TBA and TCA used in the lipid peroxidation assay (2.3.2). 3. Please mention in the DPPH radical scavenging activity (2.3.3) the control or standard used in the assay. If it is ascorbic acid; write that ascorbic acid was used as the control or standard (s). Also correct "b = absorbance of test" to "t = absorbance of test" because there is no "b" in the formula you wrote for calculating free radical scavenging activity. RESULTS 1. Please use symbols (for example *, # etc) or letters (a, b, c etc) in Fig. 1 and Fig. 2 to show where there is a significant difference as mentioned in the explanation of your results. 2. Also include the legends under the figures (Fig. 1 and Fig. 2); for example: *: significantly different from methanol solvent; $p < 0.05$; ascorbic acid: standard or control.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications? YES	MATERIALS AND METHODS I suggest you re-arrange the materials and methods so that it will align with the way you wrote the results and discussion. That is start assay methods section (2.3) with; 2.3.1 DPPH radical scavenging activity, then 2.3.2. Lipid peroxidation assay and lastly 2.3.3. Acetylcholinesterase inhibitory assay. Please don't forget to renumber the references as you make the corrections.	
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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