

Review Form 3

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_121696
Title of the Manuscript:	Peroxidase activity in extracts of watermelon pulp: Effects of Ethylenediaminetetracetic acid and some cations
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The study effectively establishes the significant peroxidase activity in watermelon pulp, akin to known peroxidases. The identification of chloride salts (Cr, Ca, Fe, Mg) as activators is a noteworthy finding, presenting watermelon pulp as a cost-effective peroxidase source. The observed reduction in peroxidase activity by EDTA in a concentration-dependent manner adds valuable insight for future research into EDTA's mechanism of action on peroxidase.	
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.	I think it is okay	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Overall presentation is good. Research is significant. It is suggested to add mechanistic insights and comparative analysis with other sources, if possible, which would strengthen the overall understanding and potential applications of watermelon pulp peroxidase.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Recent references are lacking. I suggest it will improve the quality of paper if some recent references are added	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Language is good. Following corrections in text are required: 1. Name of species must be in <i>italic</i> (see corrections marked in text) 2. Use common pattern of writing Year and name of Journal in the list of references (See corrections marked in text)	
<u>Optional/General</u> comments	Paper is good and can be accepted	

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

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Reviewer Details:

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