



SDI Review Form 1.6

Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_34732
Title of the Manuscript:	EFFECT OF CHITOSAN COATING ON THE POST HARVEST QUALITY OF BANANA DURING STORAGE
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	<p>Respect to the manuscript " EFFECT OF CHITOSAN COATING ON THE POST HARVEST QUALITY OF BANANA DURING STORAGE " with reference AJB2T_34732, sent for its publication in the Asian Journal of Biotechnology and Bioresource Technology. I think it should be revised. I consider the following aspects as the main to support my decision:</p> <p>The work describes evaluation of the effect of chitosan Coatings were applied by double immersion of fruits in the film forming solutions. The work done is interesting and could be useful for the readers of the journal.</p> <p>Abstract should be revised; it doesn't describe concisely the presented investigation. Add additional quantitative results in the abstract. In addition remove general statement.</p> <p>-In introduction section, Discussion is poor. Authors should provide more information on chitin and chitosan and their applications (pharmaceutical, water treatment ..)</p> <p>Add some recommended papers: Laribi-Habchi et al., Purification, characterization, and molecular cloning of an extracellular chitinase from Bacillus licheniformis stain LHH100 isolated from wastewater samples in Algeria. Journal of Biological Macromolecules. Macromolecules. 72 (2015), 1117-1128. Benhabiles et al., Protein Recovery by Ultrafiltration during Isolation of Chitin from Shrimp Shells <i>Parapenaeus Longirostris</i>. Food Hydrocolloids, 32</p>	



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	<p>(2013) 28634.</p> <p>Ferhat et al., Competitive adsorption of toxic metals on bentonite and use of chitosan as flocculent coagulant to speed up the settling of generated clay suspensions. Chemosphere. 165C (2016) pp. 87-93.</p> <p>Benhabiles et al., Assessment of coating tomato fruit with shrimp shell chitosan and N,O-carboxymethyl chitosan on postharvest preservation. Journal of Food Measurement & Characterization. 7 (2) (2013) 66-74.</p> <p>Benhabiles, N. Drouiche, H. Lounici, A. Pauss and N. Mameri. Benhabiles et al., Effect of shrimp chitosan coatings as affected by chitosan extraction processes on postharvest quality of strawberry. Journal of Food Measurement & Characterization. Volume 7, Issue 4 (2013), 215-221.</p> <p>-What was the rationale for this experimental design? Why the authors chose these parameters and values? - Authors should evaluate the cost and the efficacy of this method compared with other similar ones.</p> <p>-In conclusion section, the authors are encouraged to conclude on the results of their study the limitations and perspectives and not only summarize their results.</p>	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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