

Review Form 1.6

Journal Name:	International Journal of Pathogen Research
Manuscript Number:	Ms_IJPR_78661
Title of the Manuscript:	Agricultural waste Annona Squamosa L. peel and seed extract: biosynthesis of hand sanitizer gel against skin pathogens
Type of the Article	Short Research 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://www.journalijpr.com/index.php/IJPR/editorial-policy>)

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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>The authors were analysed the formulation and characterization of hand sanitizer gel obtained from Annona Squamosa L. peel and seed extract. The scientific content is well considered, but some of the major problems associated with this manuscript are listed below.</p> <ol style="list-style-type: none">1. In introduction part, please add some examples for green alternative to hand sanitizer.2. Please add some information (rate of bioactive compounds, compare with other parts such as leaves, bark and roots, why the authors' prefer, etc.) about peel and seeds part of custard apple.3. What is the main essential oils and phenolic compounds found in custard apple?4. Generally, check and revise the correct writing of some words such as flavanoids, ans, enorous, etc. thoroughly of article.5. Please add how the authors did the total phenolic content analysis in the materials and methods.6. How did the Authors determine the antibacterial activity of annona sanitizer gel?7. Please, expand the conclusion part adding future aspects and advantages of custard apple hand sanitizer.8. What did the Authors show in Table 4, heavy metals in annona sanitizer gel or range of heavy metals content in the regulatory standards?	<ol style="list-style-type: none">1. We added it according to reviewer comments.2. We added it according to reviewer comments.3. The test results of total phenolic content can be seen in Table 24. We corrected it according to reviewer comments.5. We added it according to reviewer comments.6. We used the service of The Quality Assurance and Testing Center 3 (QUATEST 3) in Ho Chi Minh City (Viet Nam) with test method: BS EN 1040: 2005 (Study of antibacterial activity). The test results of antibacterial activity can be seen in Table 3.7. We added it according to reviewer comments.8. The range of heavy metals content in the regulatory standards of National Technical Regulation QCVN 8-2:2011/Ministry of Health in Vietnam. <p>Hong, B. (2013). Technical regulations on mycotoxin and heavy metals MRLs in foods. <i>GAIN Report Number: VM3070, USDA Foreign Agricultural Service.</i></p>
Minor REVISION comments	<p>Some of the minor problems associated with this manuscript are listed below.</p> <ul style="list-style-type: none">• Please, revise the writing of key words as "keywords".• Correct the sentences that do not have the same writing font in the abstract.• Please add the gap "Shigella sonneiby"; 2.MATERIAL AND METHODS"• Please write capital letter "annona squamosa L."• Revise the writing of "thoroughly".• Revise the writing of "flavonoid".• Write the "Annona squamosa L." as the same format throughout the article.	<p>We corrected it according to reviewer comments.</p> <p>The authors have read and consented to reviewer's comment. All changes are highlighted.</p>
Optional/General comments	<ul style="list-style-type: none">• Serious Major revision	

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>	