



SDI Review Form 1.6

Journal Name:	British Microbiology Research Journal
Manuscript Number:	Ms_BMRJ_19186
Title of the Manuscript:	Antibacterial activity of organic and aqueous extracts of Hopea odorata leaves and their total flavonoid content.
Type of the Article	Original 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:

(<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	Abstract Line 6 Objective: To examine the therapeutic antibacterial effects of different extracts of <i>Hopea odorata</i> leaves against Line 11 Result: Among the all extracts, MEHO exhibited strong antibacterial activity. Where it It showed zone of Line 14 The content of flavonoid was good present at all Line 17-18 Conclusion: These findings suggest that the plant may be a possible source for the development of new antibacterial agent and flavonoid may one of such phytochemical, which exhibit antibacterial activity. The activity is quite low; authors should review this conclusion, something like this: our results indicate that extracts have mild antibacterial activity and it can be correlated with phenolic content. Keyword can't be: gram negative Introduction Line 24	



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	originate from plants [1] and over 3000 species of plants have been reported to have both antibacterial [2] what does it mean? Please, review. Line 26-28 Approximately 20% of the plants have been submitted to pharmacological tests, and a number of new antibiotics introduced to the market are obtained from natural or semi-synthetic resources You need to put a reference here (o quit it) Line 49 The aim of the present study is to identify the antibacterial activity of methanol, ethanol and aqueous extract Line 50 of <i>Hopea odorata</i> leaves and determine their total flavonoid content. Line 55 Voucher specimen number is required Preparation of extract Please clarify the extract preparation. Did you have successively extracted o did you make three different extract from three different quantities of dried material? You said "separately", but you put only one result "8%", what does it means? CHANGE ALL THIS ITEM. LINE 64 All other chemicals and reagents were of analytical grade. Ethanol Line 67 Kanamycin (30^{1g}/disc, Oxoid, England) was used as a standard antibiotic-dise.	
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	Please put together items 2.4.1; 2.4.2 and 2.4.3 because they are related. And improve redaction since line 79 to line 81. Concentrations of extracts should be given in microgram per disk, in such a way we can compare the activity with standard. Line 94 TESTS SHOULD BE MADE IN TRIPLICATE Results Results should be presented as mean $\pm$SD, and comparison through Statistical analysis should be done. Comparison between same concentration of three different extracts should be done to elucidate which one have the best activity, this conclusion can't be made only looking at the data, it is possible that no different were between them. Additionally, comparison whit the positive control should be given, in order to know if biological activity is in some way similar or comparable or without significant difference with kanamycin. Minimum inhibitory concentration calculation is recommended. Discussion Discussion should be re analysed according to results. Conclusions Conclusions should be rewritten (see Abstract) H odorata can't be considered as source of antimicrobial agent, at least you should provide the MIC References Pages of some of the texts consulted are required On 1 5 15	
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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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