



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_43173
Title of the Manuscript:	Insecticidal Efficacy and Chemical Composition of hexane Oil extracts From the Leaves of Euphorbia milii and Cassia occidentalis
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	The author has investigated the insecticidal activity of the compound from the leaves of <i>Euphorbia milii</i> and <i>Cassia occidentalis</i>. For extraction, the leaves were subjected to Soxhlet apparatus and hexane was used as solvent. Thus, the oil but not the essential oil was obtained by this method. Overall the manuscript is not concise and it is preferable to rewrite. The title of the manuscript should be changed to Insecticodal efficacy and chemical composition of the hexane extract from <i>Euphorbia milii</i> and <i>Cassia occidentalis</i>. The keywords should be insecticidal efficacy, <i>Euphorbia milii</i>, <i>Cassia occidentalis</i>. The abstract. Please consider "essential oil" in the extract. The author state that the oil possess secondary metabolites in the last sentence. This may not really correct because the GC result revealed that the extract also include primary metabolites. The material and method. Topic 2.4. The sentences at the end of the paragraph are result. Please move to the result and discussion part. The material and method. Topic 2.6. The author mentioned that the insects were monitor for 24 hours to observed mortality. Did any data was collected during monitoring? Is it more relate to the result to mention that the mortality was observed at 24 hours after treatment? Since the discussion part has rephrased the result part, I would suggest to refer all the table to discussion part and turn these sections to be results and discussion. It will make the manuscript concise and more interesting. Table 4.4.3 and 4.4.4 can be omitted. Table 1 The first column is not the concentration of the extract. It is the amount of the extract. And the amount of the extract mentioned in topic 2.6 in material and method is 0.5 g, it is not 0.4 g. Table 2 please put the unit that corresponded to each value. What is the unit for LD50 and LD90? Typographic error Please recheck that the scientific name has been written in italic. The name of the company mentioned after the equipment can be written using lower case letter.	



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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