



**SDI Review Form 1.6**

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|--------------------------|-----------------------------------------------------------------------------|
| Journal Name:            | <a href="#">International Journal of Biochemistry Research &amp; Review</a> |
| Manuscript Number:       | 2014_IJBcRR_11350                                                           |
| Title of the Manuscript: | GC-MS Analysis of Phytocompounds of Leaf and Stem of Marsilea quadrifolia   |
| 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**

|                                     | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Author's comment</b> (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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compulsory</b> REVISION comments | <p><b>1.Abstract</b><br/>Please rewrite methods in concise because the authors have already wrote details in "Material and Methods" part.</p> <p>Results in the abstract must be about the important or new finding. Why the phytochemical names given in the results are important?</p> <p><b>2.Introduction</b><br/>Please give more information about the use of this plant such as antibacterial agent (which e.g. type of bacteria), cytotoxic (to what cell) etc.</p> <p><b>3.Results</b><br/>Please label X and Y -axis of Figure 1 and 2. (not write in bracket).</p> | <p>We rewrote the method in concise method in the abstract section as per reviewer's comment.</p> <p>We have given the results in the abstracts section, especially the name of phytochemicals provided based on the highest peak area %, which means higher concentration present in the sample. So, we request to consider the name of compounds as like it is in this section.</p> <p>Thank you very much for your comment regarding introduction. Now we modified and added more information like antibacterial and cytotoxic activities of <i>M. quadrifolia</i>.</p> <p>As per your comment we have labelled X and Y axis properly.</p> <p>In this section, we mentioned the high peak area %</p> |



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|                                         | <p>It is not necessary to write the name of compounds which are as same as in the Tables. Please give other results which you did not show in Table 1 and 2. For example, which group of compounds (e.g. flavonoids, sugars, fatty acids etc.) is the major group., the ratio of these groups.</p> <p>In Table 1 and 2 , did the authors test “activity” of the compounds reported in these Tables?<br/>If not, please give references for the “activity” column such as antioxidant, antibacterial, anticancer etc. And aldehyde, sugar etc are not activity. They are compounds. Therefore, the authors should design the column in there Tables.</p> <p><b>4.Discussion</b><br/>Please improve discussion part. Compare your study with the other reports. And discuss about the association between the compounds of this plants and biological activities.</p> <p><b>5.References</b><br/>Please follow format of this journal.</p> | <p>compounds. We think that the names of these compounds are necessary here. So, we request to accept as like it is in this section. Now we have added more information about phytocompounds as per your comment.</p> <p>Now, we have mentioned the reference for the activities of phytocompounds, which are present in <i>M. quadrifolia</i> and also provided the nature (category) of phytocompounds in separate column.</p> <p>We have given more relevant points in the discussion and improved the discussion part and this study with others’ reports. The identified phytocompounds of <i>M. quadrifolia</i> and their biological activities were also discussed as per your suggestions.</p> <p>As per reviewer’s comment we found a few mistakes in the references section. Now, we have corrected that mistake as per the format of this journal.</p> |
| <b><u>Minor</u></b> REVISION comments   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b><u>Optional/General</u></b> comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |