



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Biology</a>
Manuscript Number:	Ms_AJOB_30954
Title of the Manuscript:	GC-MS DETERMINATION OF BIOACTIVE CONSTITUENTS OF HYDRILLA VERTICILLATA (L.f.) Royle. COLLECTED FROM UNPOLLUTED AND POLLUTED WATER SOURCES.
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)
<b>Compulsory</b> REVISION comments	<p>Determination of ethanolic extract components of <i>Hydrilla verticillata</i> using Perkin-Elmer Gas Chromatography–Mass Spectrometry is presented in the manuscript. The samples were collected from polluted and unpolluted water.</p> <p>Line 15 and Table 1. Written "Stearic acid (Pentadecanoic acid, 14-methyl, methyl ester)", and <math>C_{17}H_{34}O_2</math></p> <p>But, the real Stearic acid has chemical formula <math>C_{18}H_{36}O_2</math>,</p> <p>Line 14 and Table 1. Linoleic acid–[10-Octadecenoic acid, methyl ester] – (<math>C_{19}H_{36}O_2</math>)</p> <p>But, the real Linoleic acid has chemical formula <math>C_{18}H_{32}O_2</math></p>	<b>All the Corrections are executed</b>
<b>Minor</b> REVISION comments	<p>Minor grammar errors are in this manuscript. Line 33. Written " Alzhemir's", should be "Alzheimer's". Line 44: Written "...by BSI, Southern circle, Kovai,India". I recommend to add the name of Scientist.</p> <p>Line 46: Written "ethanolic", should be "ethanol", but it is necessary to clarify its % (or 100%?).</p> <p>Line 51: Written: "comprising AOC-20i auto-sampler", should be "comprising of AOC-20i auto-sampler".</p>	<b>All the Corrections are executed</b>



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	<p>Line 66. Written "peak area to the total peak area to the total areas". Should be "peak area to the total peak areas".</p> <p>Compare: Line 63. " ver-2.53." and Line 67. " Ver. 25.3 "?</p> <p>Line 86. Written: "anti-diabetic, sedative, anti-fouling, anti-diabetic,". Should be " anti-diabetic, sedative, anti-fouling, ".</p> <p>Lines of 13-14, 93-94, 99, 1,2-Benzenedicarboxylic acid butyl octylester Explain differences between: 9-12 Octadecenoic acid and 10 Octadecenoic acid ?</p>	
<b><u>Optional/General</u></b> comments	<p>RT is not characteristic for GC-MS analysis, I recommend giving of RI (retention indices).</p> <p>I recommend improving the quality of the Figure 1. and add Conclusion.</p>	<b>All the Corrections are executed</b>