

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Chemical Sciences</a>
Manuscript Number:	Ms_AJOCS_125414
Title of the Manuscript:	Evaluation of Antioxidant, Antimicrobial Activity, and GC-MS analysis of methanol extract of <i>Andrographis paniculata</i> (Burm.f.) Wall. ex Nees, growing wild in South-West Nigeria
Type of the Article	Research

## Review Form 3

### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>Title is too long. Lack of scientific information Revise this, its so common, write the abstract scientifically Follow the journal guide lines</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p><b>Re write the title</b> <b>GC-MS analysis and evaluation of antioxidant, antimicrobial activity, of methanol extract of <i>Andrographis paniculata</i> (Burm.f.) Wall. ex Nees, growing wild in South-West Nigeria</b></p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>		
<p>Are subsections and structure of the manuscript appropriate?</p>	<p><b>Revised the material and methods</b></p> <ol style="list-style-type: none"> <li>1- Give herbarium number</li> <li>2- Give the botanist name</li> <li>3- Mentioned about the size of powder particles</li> <li>4- Write the name of container used for extraction and storage</li> </ol>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p><b>The author attempt to provide the information of natural drugs</b> <b>The author highlight the sound knowledge of new techniques</b> <b>Figures the knowledge with antibacterial study</b></p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :</p>	<p><b>Provide update references</b> <b>The can take the help of the following reference in revised manuscript</b></p> <ol style="list-style-type: none"> <li>1- Silver nanoparticles synthesized via green chemistry with the aid of Delphinium denudatum Wall. root extract modulated gentamicin nephrotoxicity activity with respect to oxidative potential. N ASiddique1 and A M M A Al-Samman. Adv. Nat. Sci.: Nanosci. Nanotechnol. 13 (2022) 015003 (10pp) <a href="https://doi.org/10.1088/2043-6262/ac5497">https://doi.org/10.1088/2043-6262/ac5497</a></li> <li>2- Nadeem Ahmad Siddique, Ali Mohammed Mohammed Ali AL Samman &amp; Kahkashan (2024) GC–MS analysis and green synthesis of silver nanoparticles using Emblica officinalis leaves and evaluation of its antioxidant and in-vitro anti hypercholesterolemic potential, Journal of Taibah University for Science, 18:1, 2390211, DOI: 10.1080/16583655.2024.2390211</li> <li>3- Siddique, Nadeem Ahmad (2022) "Antioxidant and nephroprotective effects of Delphinium denudatum root extract (medicinal plant) against gentamicin-induced nephrotoxicity," The Thai Journal of Pharmaceutical Sciences: Vol. 46: Iss. 5, Article 5. Available at: <a href="https://digital.car.chula.ac.th/tjps/vol46/iss5/5">https://digital.car.chula.ac.th/tjps/vol46/iss5/5</a></li> </ol>	

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Minor REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Improve the english	
<b>Optional/General</b> comments	1-Give the company name for all related instruments 2- Write what modification the author did in each experiments 4- Give the name of supplier for all chemicals 5- What is the wavelength use for DPPH assay 6- Write about the degree of repetition in ANOVA 7- Figures should be with less DPI pixel with high contrast 8- Legend is missing IN FIGURES	

### **PART 2:**

	<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>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### **Reviewer Details:**

Name:	<b>Nadeem Ahmad Siddique</b>
Department, University & Country	<b>University Hafr Al-Batin, Saudi Arabia</b>