

## Review Form 1.7

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_112156
Title of the Manuscript:	NUTRITIVE COMPOSITION AND GC- MS ANALYSIS OF BIOACTIVE PHYTOCHEMICALS FROM THE METHANOLIC EXTRACTS OF THE STEM AND ROOT OF Tephrosia vogelii
Type of the Article	Original Research Article

### 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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</li> <li>Is the title of the article suitable? (If not please suggest an alternative title)</li> <li>Is the abstract of the article comprehensive?</li> <li>Are subsections and structure of the manuscript appropriate?</li> <li>Do you think the manuscript is scientifically correct?</li> <li>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>International publications have discussed the use of Tephrosia vogelii as a pesticide, for example "Pesticidal activity of Tithonia diversifolia (Hemsl.) A. Gray and Tephrosia vogelii (Hook f.); phytochemical isolation and characterization: A review". The proposed paper could lead to the pharmacological use of Tephrosia vogelii, but safety data must be added, such as shrimp mortality tests.</li> <li>Adjustments are needed between the title, method, and discussion. The method states the extraction process using methanol and petroleum ether solvents (point no. 2.3), while in the results and discussion only methanol solvents are used.</li> <li>Abstract: Ok</li> <li>Subsections: Ok</li> <li>In the method, the extraction process is written using methanol and petroleum ether solvents (point no. 2.3), while in the results and discussion, only methanol solvents are used. Was the petroleum ether solvent not done? In the introduction, the use of Tephrosia vogelii as fish poison and bone connector is mentioned, but in the discussion of chemical compounds, it is not mentioned or is not related to the uses in the introduction.</li> <li>Need to update the literature, especially the literature before 2010</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>Is language/English quality of the article suitable for scholarly communications?</li> </ol>		
<p><b>Optional/General</b> comments</p>		

### PART 2:

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

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**Reviewer Details:**

Name:	<b>Andrian Fernandes</b>
Department, University & Country	<b>Indonesia</b>