

## Review Form 1.6

Journal Name:	<a href="#">European Journal of Medicinal Plants</a>
Manuscript Number:	Ms_EJMP_88502
Title of the Manuscript:	Production and Physicochemical Analysis of Glycerol Produced from the Transesterification Reaction of Locally Processed Fatty Acids
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:

(<https://www.journalejmp.com/index.php/EJMP/editorial-policy> )

### 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>Authors in this manuscript have been presented a study of Glycerin as a byproduct obtained from natural plants. There is also synthetic glycerin obtained from propylene oxide, byproduct of petroleum It is used mostly by the pharmaceutical sector for manufacturing drugs and other pharmaceutical products mainly used in the production of biodiesel, fat splitting, cosmetics, drugs ....</p> <p>The subject is interesting by using the Natural products which remain ecological, without risk of inconvenience.</p> <p>The manuscript requires some minor revisions on the presentation and enrichment of the scientific content as will be shown in this review</p>	
<b>Minor</b> REVISION comments	<p>The manuscript must be revised and clearly presented according to the following parts:</p> <ul style="list-style-type: none"> <li>- correct the manuscript title as following: "Physicochemical Analysis of Glycerol Extracted from the Transesterification reaction method of three locally transformed fatty acids: palm oil, palm kernel and shea butter".</li> <li>- <u>Introduction</u> Must contain a description of the subject with the problematic by evoking the Glycerin extract from the natural sources or petroleum industry . it must contain some medicinal applications of Glycerin extracted from natural sources. The introduction will be completed by an updated presentation of bibliographical synthesis</li> <li>- <u>Materials' and methods</u> In this part the following points must presented only: <ul style="list-style-type: none"> <li>- Sample collection (to further develop)</li> <li>- Extraction method of Glycerin from Peanut Oil, Palm oil and Palm Kernel Oil</li> <li>- Physiochemical Analysis</li> </ul> </li> <li>- <u>Results and discussions</u> : This part must be completed by a comparative study of the results of the physico-chemical analysis carried out on the Glycerin extracted from the three fatty acids (palm kernel oil, peanut oil and palm oil) and deduce the choice on the fatty acid to consider for better extraction</li> <li>- <u>Conclusions ( be improved)</u></li> <li>- <u>References ( be updated)</u></li> <li>- <u>List of abbreviation</u></li> </ul>	
<b>Optional/General</b> comments		

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

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**Reviewer Details:**

Name:	<b>Benmoussat Abderrahim</b>
Department, University & Country	<b>University of Tamanrasset, Algeria</b>