



SDI Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_50620
Title of the Manuscript:	Extraction and Characterization of Oil from DATE PALM (Phoenixdactylifera L.) Seed
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)
Compulsory REVISION comments	<p>Scientific name in the title should be written separately. Phoenix dactylifera L.</p> <p>In the summary, it is not necessary to detail the methodology and the results. What was the highest percentage? saturated or unsaturated fatty acids? Among them, which were the majority.</p> <p>Review the keywords and place words more consistent with the job. For example: Arecaeae, Essential Fatty Acids, w-3, etc.</p> <p>Introduction: It must be more organized. First, organize the references, since the first reference is number 5 instead of being the first.</p> <p>I recommend starting to talk about the worldwide distribution of the Arecaeae family and later of the palm tree in the study: geographical distribution, world production yield, biotechnological applications that it has to finish in the objectives that they should be placed not final of the introduction in a single paragraph. Extraction is not an objective but a prior technique or step to reach the results.</p> <p>Methodology: The determining step of a chemical analysis is the sampling stage. It is not clear the sampling plan established for sampling, nor the sample dimension to ensure that the sample is representative.</p> <p>The methodology of bromatological analysis is not well defined, nor is the determination of fatty acids. Actually CG-MS was used and not CG-FID. What were the chromatographic conditions? Column used, type of column, temperature of the same, volume injected, etc.</p> <p>Results and Discussion: Improve the presentation of the results. For example, in the table of fatty acids add the total% of identified fatty acids,% of saturated,% of unsaturated and highlight the importance of the w6 / w3 ratio parameter. It is also interesting to compare fatty acids with the results of the same species in different geographical locations or even different countries, as well as with other palm trees of the Arecaeae family to improve the quality of the manuscript.</p>	The manuscript has been modified
Minor REVISION comments	The considerations indicated above must be met so that the work acquires sufficient quality to be published. review of methodology and discussion of results mainly.	



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<u>Optional/General</u> comments		

PART 2:

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