



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_22178
Title of the Manuscript:	Use of Fourier Transformation Spectroscopy for the Analysis of Peanut Oil Biodiesel
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:

(<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)
<u>Compulsory</u> REVISION comments	Very little or no novelty from this work. The problem statement of why FTIR method is used is not understood. The issue of the other much robust and well known method or the benefit of FTIR against such method must be explained. Rewrite the introduction. FTIR image in Figs. 2 to 12 is not clear. Provide a higher resolution image. Fig. 16 showing the program GUI is not useful. Instead an algorithm of how the analysis is done and how the program works may be helpful. Statistical analysis to determine data validity and accuracy as well as % error must be determined for all results presented in this work.	The introduction has been rewritten to effect the necessary changes. The problem statement, other methods, and benefit of FTIR spectroscopy over them have been included. The image has been changed How the program works has been explained. The flow chart has been included. How the datas were obtained have been discussed and the methods used to analyse them.
<u>Minor</u> REVISION comments	Peanut oil is used which is contributing to food vs. fuel policy. Justify. Revise the title to reflect the work done.	It is abundance in Nigeria, and its usage for research purposes cannot conflict with its usage for food. The title has been corrected to reflect the research.
<u>Optional/General</u> comments		