



SDI Review Form 1.6

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_48733
Title of the Manuscript:	Effect of process variables on the transesterification process of palm oil sludge to biodiesel
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	<ol style="list-style-type: none"> 1. Writing without paragraph is totally wrong. 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. Line 7 after carried a word is missing 2. Line 11, 12:1 oil to methanol is not obtainable in transesterification. 3. Line 11 & 13 are confusing. Make your correction 4. Line 17 you did not state methyl ester content how can one be convinced it met standard? 5. Line 22 used square bracket for references and you have to start your reference from 1. Your reference is not correct according to the journal format. 6. Line 44 give before bracket 7. Line 45 is not true, remove it. 8. Line 51 put full stop: check it well. 9. Your introduction is not articulated. 10. Line 81 processing plants or processing places? 11. Line 94 in order "to" 12. Line 97 word hurt is not appropriate. 13. Line 22 and 23 the grammar has error. 14. Line 44 & 45 statement about reaction rate is untrue remove. 15. Lines 61 and 67 why the red inks? 16. Line what is 24 in bracket for? 17. Line 89 processing plant or processing plant? 18. Line 92 how did you use round bottom flask on a magnetic stirrer? How does it stand on magnetic stirrer? 19. Line 94 filter cannot be used to filter palm oil sludge? 20. Line 95, the word "impairment" needs definition. 21. Lines 131 to 136 are not required, remove them. 22. Line 142 requires reference without that it is not accepted 23. Line 151 you are providing wrong reference, acid is ASTM D 644 not D 1980 24. Line 165, iodine reference standard is EN 14104 not ASTM D 5554 25. Line 177 and 178, what you wrote does not make sense. In fact, the whole thing in Free fatty acid is wrong. 26. Lines 187 & 188, wrong references, the cloud point and flash point are D2500 and D93. 27. You need to state the references for all equations. 28. Line 225 is it heated on or with hot plate? 29. Line 227 "this are", check it. 30. Line 233, calculation of biodiesel yield is faulty. What about methanol which was one of the reactant. 31. Lines 287-288 does make sense. 32. Line 303, density are specific gravity are the same 33. Line 347 does not make sense. 34. Line 356-365 did not mention the biodiesel acid value 35. Table 3.3 biodiesel spelling is not correct. 36. Line 380 Do not compare biodiesel yield with ester content. 96.5% is the minimum ester content for good biodiesel 	



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	<p>37. Line 382 catalyst loading not catalyst percentage 38. Your graphs is wrongly labelled 39. All your reference are not in accordance to the journal format.</p>	
Optional/General comments	The whole write need to be polished by an experienced and well qualify academician.	

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

Reviewer Details:

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