

Review Form 1.7

Journal Name:	Asian Journal of Research in Biochemistry
Manuscript Number:	Ms_AJRB_106513
Title of the Manuscript:	ULTRA VIOLET SPECTROPHOTOMETRIC QUANTIFICATION OF SUDAN-IV DYE IN ADULTERATED PALM OIL FROM MAJOR MARKETS WITHIN BENIN METROPOLIS
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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The manuscript is socially important as it proposes an easy method for detection of a harmful chemical in a market.</p> <p>2. The title is ok. However, the authors already used the word 'adulterated' which can be revised as this already indicates jumping to a conclusion that the oil is adulterated already.</p> <p>3. Author(s) said, "TLC and UV-spectrophotometry can be used to detect and quantify sudan dyes in adulterated palm oil" in the abstract. But why other methods such as optical methods and NIR are established if UV-spectrophotometry is so good at quantification?</p> <p>4. The manuscript cannot be said scientifically correct as the data are insufficient to deduce the appropriateness of a method.</p> <p>5. There are more literatures on detection of dyes in the edible oil in the online database and the authors did not carry out sufficient review work before starting their work. More reference could have been added.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Language is not up to the mark, Should do extensive grammatical improvement.</p>	
<p>Optional/General 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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