Reviewer's report

Title: alpha-Glucosidase inhibition, antioxidant and antibacterial activities of two medicinal plants used in Benin as folk medicine

Version: 1 Date: 27 September 2012

Reviewer: Kohji Yamaki

Reviewer's report:

Major Compulsory Revisions
1. These activities are already reported. Therefore it seems that it is necessary to add the more detailed data for identification of active components otherwise estimation of a possible substance.

2. Moreover, I think that it will be easy to mention a possibility of an active ingredient if the relation of each anti-oxidization activity and polyphenol and correlation with glucosidase and anti-oxidization activity can be considered.

3. I hope that there is a value of positive control for comparison in Table 3. For example, the value of the antibiotics generally used.

Minor Essential Revisions
4. Authors' institution name --- by English
5. Method section. Total flavonoid content
   .....The flavonoïd content # The flavonoid content
6. Some words are French in Fig 1, Fig2A. You should exchange them to English.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.