Reviewer’s report


Version: 1 Date: 16 Jun 2018

Reviewer: Alessandra Gianoncelli

Reviewer’s report:

I read the manuscript titled "Quality of Albendazole Tablets Legally Circulating in the Pharmaceutical Market of Addis Ababa, Ethiopia: Physicochemical Evaluation"; the manuscript describes the analytical comparison of different brands and batches of an anthelmintic drug for veterinary use. In my opinion, the topic of this manuscript is in according to the aim of "BMC Pharmacology and Toxicology" even if there are some points that have need to revision. In particular, I suggest the following major and minor revision.

Major revision:

1. The authors talked about FTIR data. They included an in-depth section in "materials and methods" describing the FTIR approach. Why did the authors not show FTIR data in the results and discussion sections?

2. In "materials and methods" section the description of the HPLC method used: gradient / isocratic, column type, flow, etc., is missing. Authors are invited to implement this part.

3. In "results" section authors have reported a figure related to the UVS spectra. From the figure it is not clear what the sample is reported. However, it may be more interesting to report a figure where the overlapping spectra of all samples analyzed can be seen.

4. In "results" section authors have reported a figure related to the chromatograms. Also in this case, from the figure it is not clear what the sample is reported. However, it may be more interesting to report a figure where the overlapping chromatograms of the samples analyzed can be illustrated.

5. I missed information how often a given measurement has been made. I had the impression that several of the measurements were only done once.

6. Using a batch for each brand and dosage is a little bit for this kind of analysis. At the same brand and dosage, at least 3 batches should be verified.

7. The manuscript will need proofreading by a native speaker.
Minor revision:

* Tables:

In tables, the concentration is expressed in a different manner. Can authors use the same way to express value?

* Table 4

The font is different from the other tables and the text.

* Figure 1

The font is different from the text.

* Page 10

Line 193-194: The author should correct "in which" because it is in italic.

* Page 13

Line 270: the link to USP reference is wrong.

* In some references DOI is missing, even if specifically required by the journal

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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