

Dear Reviewer 1,

Thanks for making the great effort of revising the manuscript. We appreciated your opinions and helpful suggestions. We revised the current draft and we hope you'll find it better organized, according to your appreciation.

Please find hereafter our response to your indications. Modifications have been shown in red color in the main text, using Track changes.

Best regards,

The authors

1.) Reviewer 1: The limit of the study is the lack of antioxidant assays besides ABTS

The authors:

Following feedback, the next additions were implemented: FRAP and DPPH assays (lines: 589-638).

2.) Reviewer 1: Abstract section: please check the plants' name. Please note that they have to be written in italics.

The authors:

The adjustment has been taken care of. (lines 28-29)

3.) Reviewer 1: Table 5: please include S.D. for each reported measurement.

The authors:

Following feedback, the next additions were implemented where the data was missing.

4.) Reviewer 1: In materials and methods, please include a table with all details related to chromatographic separation.

The authors:

The details related to the chromatographic separations can be found in 2.10 and 3.6.

5.) Reviewer 1: Table 5: please include S.D. for each reported measurement.

The authors:

Following feedback, the next additions were implemented where the data was available.

6.) Reviewer 1: Although the appreciable use of ecotoxicological models that permit to predict biocompatibility and (phyto)toxicity, the authors did not explore accurately the antioxidant potential of the tested extracts. This is a limit of the study, especially for a journal like Antioxidants.

It is suggestable to improve antioxidant evaluation during revision.

The authors:

Following feedback, the next additions were implemented as per the first item.

7.) Reviewer 1: Please check the format of references.

The authors:

A thorow reviw of the references was made.