

The review of supervisor

Author: Bc. Meri Gabelaia

Title: The effect of osmo-dehydration on antioxidant properties of dried black chokeberry

The aim of this study was to determine the effect of osmo-dehydration treatment on the antioxidant properties of dried aronia powder. This is a part of research conducted with the international cooperation with University of Agriculture in Krakow where osmo-dehydration process was provided.

Diploma thesis contains 51 pages of the text including 9 pictures (mostly from web pages), 14 figures and two tables. Sixty two references are cited in the thesis, scientific journals prevail. The format of references is unified, however several drawbacks have been identified (see below). The appendices are also included. All of the pictures, figures and appendices are properly mentioned in the text.

Despite the guideline no. 7/2019 of University of Pardubice is written in Czech language, the author has tried to do their best to prepare manuscript according to that guideline. The theoretical background of the research is prepared accordingly explaining all the relevant issues used in the experimental work. The results are described in a brief way with diffident attempts to compare them with other researches. Unfortunately, the text is merely the same in each chapter (3.1–3.3). Probably the inexperience of the author with writing in scientific English language could be the reason. I appreciate her will to treat the results with statistical methods despite the fact that statistical analysis, as a subject is not a part of the study program. The manuscript is written in an appropriate style and grammar, finally. However there are strong differences between the theoretical part and results in a style. In theoretical part, author used parts of the text from references together with proper citation. In results, the text is written by her own and needed lot of editing by the supervisor. The formatting matches the guideline no. 7/2019, the plagiarism control revealed 0–5% of similarity.

The student's approach to the experiment was excellent, worked independently. She discussed the results with the supervisor frequently. The weak point was the preparation of

the manuscript. Although many hours of consultation took place, author was not able to deal with all of them. There are still drawbacks, typos mistakes in the manuscript, for instance:

the author had a problem typing capital letters. Sometimes she wrote a capital letter in the middle of sentences, particularly in nouns. She did not respond to a grammar correction's mark (blue swung dash in MS Word), therefore a dozen of typos is presented. In a page 45, she did connect the values of water activities with particular inorganic salt slurries, as requested by the supervisor. The preparation of references' list costed her (and me as well) a lot of energy. Even so, she was not able to correct the references no. 5, 25, 27 or 30 (missing proper information). Picture sources' list has obviously different text style and spacing is sometimes out of control.

Despite those mentioned above, the diploma thesis has its meaning, the assignment has been fulfilled. I suggest diploma thesis to be defended and evaluate it with grade

Zadání práce bylo splněno, práci doporučuji k obhajobě a hodnotím stupněm

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Doc. Ing. Libor Červenka, Ph.D.

in Pardubicích 07. 07. 2020

supervisor