

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department of Pharmacognosy and Pharmaceutical Botany

Study program: Pharmacy

Opinion of the Thesis Tutor/Consultant about the Diploma Thesis

Year of assignment: 2021

Year of the defense: 2023

Student: **Laureen Reda Youssef Ibrahim**

Thesis Tutor: RNDr. Jaroslav Jenčo, Ph.D.

Consultant: -

Opponent: prof. RNDr. Lubomír Opletal, CSc.

Thesis title: **Analysis of selected nutraceuticals by liquid chromatography**

Scope of work, number of: 68 pages, 25 figures, 7 tables, 114 citations

Evaluation of experimental work:

- | | |
|---|-----------|
| a) Evaluation of methodological procedures: | Excellent |
| b) Skill in the laboratory or in obtaining experimental data: | Very good |
| c) Independence: | Good |
| d) Initiative: | Very good |
| e) Diligence and conscientiousness: | Good |

Evaluating the processing of results and writing up the thesis:

- | | |
|---|-----------|
| a) Processing of results (diligence and independence): | Very good |
| b) Interpretation and discussion of results: | Excellent |
| c) Literary research: | Excellent |
| d) Text processing (stylistic level): | Excellent |
| e) Formal level of the work (text structure, graphic design): | Excellent |

I recommend the thesis for recognition as a rigorous thesis

Verbal evaluation, distinctive features of the author, and the thesis:

The subject of the presented diploma thesis was the processing hop pellets in order to obtain pure compounds and analyze selected dietary supplement. The student started working on the finalization of the thesis with slight delay which fortunately was not reflected in the final form of the work. There are several shortcomings, misspells and mistakes. Nevertheless, I evaluate the formal side as excellent since the literature is from recent sources and thesis is of high stylistic level.

The experimental work was a bit problematic. There were several tasks where it was noticed that the student shortfalls in diligence and independence. But the student managed to isolate compound of interest and fulfilled the assigned task.

Evaluation of the thesis: Very good

**For the Recommend
defense:**

In Hradec Králové

May 25, 2023

signature of the opponent

