

CHARLES UNIVERSITY

FACULTY OF PHARMACY IN HRADEC KRALOVE

Department: of Pharmaceutical Chemistry and Pharmaceutical Analysis

Master's degree program in Pharmacy

Mentor's evaluation of Master's thesis

Student's name: Iokasti Kegkeroglou

Thesis mentor's name: Assoc. prof. PharmDr. Radim Kučera, Ph.D.

Year of the thesis defense: 2022

Title of the thesis:

Validation of chromatographic methods in pharmaceutical analysis

The topic of the thesis was chosen from the list of topics in the department

Working with literature excellent.

Language skills excellent.

Student invention very good.

The student was working independently.

Problems and issues were solved independently with mentor help.

Working in the lab was not available, literature review.

Interpretation of the results correct with small corrections.

Processing of the thesis was correct with mentor corrections.

Graphical processing of the thesis excellent.

I recommend Diploma thesis for the recognition as Rigorous thesis .

Mentor's comments both on the thesis and the student's approach:

Iokasti Kegkeroglou is a student at our faculty and studied in Heraclion, Crete. Her diploma thesis deals with the comparison of guidelines for the validation of bioanalytical methods, issued by the FDA, EMA and ICH. In his work, she briefly mentioned the historical development of the guidelines and then compared the individual validation parameters stated in the directives. She also reviewed selected scientific journals to reveal the use of the guidelines in practice. The student actively approached the

elaboration of her diploma thesis and consulted the individual steps with the supervisor. She incorporated his comments into the text of the thesis.

Turnitin - the similarity with other documents 46% (except for 2 documents, the similarity was below 1 %). Theses rated the overall similarity as 35 % and found a total of 17 similar documents. The largest agreement was rated by Theses as 17 %.

However, in all cases, the similarities originated due to the use of specific phrases from the guidelines, which was necessary with respect to the topic of the diploma theses. In all cases the sources are cited. From this point of view, the agreement can be evaluated as insignificant.

The final form of her diploma thesis is at the appropriate level and therefore I recommend it for defense.

Evaluation of Master's thesis: excellent

Recommendations for the thesis defense: recommended

In Hradec Kralove 26. 5. 2022

.....
Mentor's signature