

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department: of Pharmaceutical Technology
Master's degree program in Pharmacy
Mentor's evaluation of Master's thesis

Student's name: Ghazal Khorsand

Thesis mentor's name: PharmDr. Eva Šnejdrová, Ph.D.

Year of the thesis defense: 2022

Title of the thesis:
Rheological properties of silicone gels for scar treatment

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

Working with literature excellent.

Language skills excellent.

Student invention excellent.

The student was working independently with mentor help.

Problems and issues were solved independently with mentor help.

Working in the lab was excellent.

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:

The experiment of the diploma thesis was realized in cooperation with a commercial subject. The task was to test the rheological properties of silicon-based scar treatment semisolid preparations available on the market and subsequently to compare with the formulations in the development phase. Based on the results of the diploma thesis, the composition and technology of the formulation were modified.

Ghazal Khorsand approached the assigned topic with interest and initiative. I was very satisfied with the student's work in processing the literature and especially during the

experiment. She mastered the methodology of work without any serious problems, she was very skilled and conscientious during the experiment. She did perfectly measuring using rotational rheometer as well as the evaluation of the results using SW r-Space for Kinexus. The writing of the diploma thesis was independent, she managed to process the comments and instructions of the mentor perfectly.

Evaluation of Master's thesis: excellent

Recommendations for the thesis defense: recommended

In Hradec Kralove 24. 5. 2022

.....
Mentor's signature