

CHARLES UNIVERSITY
FACULTY OF PHARMACY IN HRADEC KRALOVE

Department: Pharmaceutical Technology

Master's degree program in Pharmacy

Mentor's evaluation of Master's thesis

Student's name: Brooke Alexandra Dunlap

Thesis mentor's name: Doc. PharmDr. Zdenka Šklubalová, Ph.D.

Year of the thesis defense: 2023

Title of the thesis:

**The influence of micronized poloxamer on the flow and compaction of a model
tableting mixture**

The topic of the thesis was chosen by student

Working with literature excellent.

Language skills excellent.

Student invention excellent.

The student was working independently with mentor help.

Problems and issues were solved independently.

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:

Brooke successfully and rapidly learned all necessary methodology showing skills in the laboratory work and data processing. The topic belongs to the large experimental study focused on the efficiency of various lubricants and their mixtures with the model binary filler mixture. In her work she studied a new hydrophilic lubricant, micronized poloxamer P188. She achieved the results enlarging significantly knowledge in this area. She successfully presented her work at the student conference.

Evaluation of Master's thesis: excellent

Recommendations for the thesis defense: recommended

In Hradec Kralove 2.5.2023

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Mentor's signature