Lesson 7.

Topic of the lesson: Determination of the quality of medicinal plant raw materials according to some numerical indicators (extractive substances).

Aims: To determine the extractive substances content of the medicinal plant material.

Work 1. Determination of extractive substances of medicinal «Calendulae officinalis flores».

Study the methodology for determination extractive substances in medicinal raw materials.

Take a sample of the raw material from the teacher for analysis.

Carry out the extractive substances determination and calculate the percentage of the raw material to be analyzed.

Compare the obtained result with the data in the pharmacopoeia for investigated medicinal plant material. Write a conclusion.

Write down the results of the study in the form of a protocol.

Study the methodology for determination extractive substances in medicinal raw materials.

Protocol of analysis of medicinal raw materials

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Date_____

Medicinal raw material Eng/Lat_____
_____

Medicinal plant Eng/Lat_____
_____

Family Eng/Lat_____

Determination of extractive substances:

Regulatory extractive substances content:

Calculations:

Conclusion:_____
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