

Lesson 5.

Topic of the lesson: Determination of the quality of medicinal plant raw materials according to some numerical indicators (purity, granulation).

Aims: To determine the granulation of the medicinal plant material. Determine the content of impurities in the medicinal plant material.

Work 1. Determination of the granulation and purity of the herb.

Take a sample of herb from the teacher. Carry out the determination of the degree of granulation and purity of the raw material. Write the results in your protocols.

Make a conclusion about the quality of the raw material.

Work 2. Determination of the granulation and purity of the flowers.

Take a sample of flowers from the teacher. Carry out the determination of the degree of granulation and purity of the raw material. Write the results in your protocols.

Make a conclusion about the quality of the raw material.

Work 3. Determination of the granulation and purity of the leaves.

Take a sample of leaves from the teacher. Carry out the determination of the degree of granulation and purity of the raw material. Write the results in your protocols.

Make a conclusion about the quality of the raw material.

Work 4. Determination of the granulation and purity of the fruits.

Take a sample of fruits from the teacher. Carry out the determination of the degree of granulation and purity of the raw material. Write the results in your protocols.

Make a conclusion about the quality of the raw material.

Work 5. Determination of the granulation and purity of the underground organs.

Take a sample of roots/rhizomes from the teacher. Carry out the determination of the degree of granulation and purity of the raw material. Write the results in your protocols.

Make a conclusion about the quality of the raw material.

Protocol of analysis of medicinal raw materials

Date_____

Medicinal raw material Eng/Lat_____

Medicinal plant Eng/Lat_____

Family Eng/Lat_____

Quality:

Determination of purity

Calculations:

Determination of granulation:

Conclusion:_____
