

Konovalenko I. S.

**RESEARCH OF TECHNOLOGICAL PROPERTIES OF SALVIA DRY EXTRACT
FOR THE SOLID MEDICINAL FORM DEVELOPMENT**

Scientific director: DSc, prof. Polovko N.P.

Drug Technology Department

National Pharmaceutical University, Kharkiv

Relevance. Necessity of creation a drug based on medicinal plant raw materials for non-hormonal therapy of pre- and post-menopausal syndrome is a small number of drugs on the Ukrainian pharmaceutical market that have non-hormonal activity and simultaneously have a wide spectrum of action on menopausal syndrome. In the pharmaceutical industry, powder substances and auxiliary substances with different volume-structural properties are widely used. In the process of obtaining solid dosage forms, dry extracts pass through different technological stages of treatment.

Aim: study the technological properties of dry extract of salvia, as a perspective raw material in the development of solid dosage forms for the treatment of climacteric syndrome.

Materials and methods. The dry extract of salvia has been investigated according to the following technological properties: fractional composition, bulk density, flowability, angle of natural slope, moisture content. For this purpose, the following instruments and accessories were used: a device for vibration compaction of TD powders firm PHARMA TEST (Germany), a vibration analyzer for removing the characteristics of bulk materials VP-12A (MZTO, Ukraine), a sighting ruler and scale, a moisture analyzer MA 150 firm " Sartorius », State Pharmacopoeia of Ukraine 2nd edition.

Results and its discussion. Dry extract of salvia corresponds the requirements for technological properties for all the claimed technological parameters.

Conclusions. Based on the results obtained, it can be concluded that the dry extract of salvia is a perspective medicinal plant raw material for the development of solid dosage forms that are used to treat menopausal syndrome.