

FEATURES OF STANDARDIZATION AND QUALITY CONTROL OF HERBAL DRUG - HERB CENTAURY

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Centaurium normal or umbrella - *Centaurium erythraea* Rafn. (-C. Umbellatum Gilib.) Belongs to the family of Gentiana (*Gentianaceae*). This is one-or two-year herb 10-40 cm tall. Grows in dry areas between shrubs on the hills, meadows, plains and forest edges, especially on clay soil.

Centaurium herb widely used in traditional medicine - with reduced appetite, indigestion, especially with increased gastric acidity, heartburn, flatulence, gastrointestinal bleeding, liver disease, biliary tract and kidneys. It is part of the delicious teas, gastric fees and bitters.

Herb of centaurium is also part of such drugs as Canephron H (used in the treatment of chronic infections of the bladder (cystitis) and kidney (pyelonephritis), noninfectious chronic inflammation of the kidneys (glomerulonephritis, interstitial nephritis), alcoholism, to prevent the formation of urinary stones in including after removing them), Depurafluks (used in acute and chronic constipation), Bittner and Maurer balms.

Over the last decade, an interest to herbal medicines (drugs) has grown significantly due to the softer effect, less addictive and side effects compared to synthetic drugs. Introduction to the domestic medical practice of a new herbal drug (HD), products of its processing, expanding the range of herbal remedies for improved system of standardization and quality control.

Purpose of work is standardization and control of quality herbal drugs herb of centaurium accordance with the requirements of the European Pharmacopoeia (EP).

Detailed botanical description of this HD conducted microscopic and macroscopic methods. Qualitative analysis of materials identified by thin-layer chromatography (TLC) with identification markers - flavonoids: rutin and swertiamarin. Tests for purity HD conducted in terms: "Foreign matter", "Bitterness value", "Loss on drying" and "Total ash".

The research has allowed to determine the parameters of standardization of centaurium herb that can be used to develop relevant Pharmacopoeia articles and production standards for input control.

The results of testing methods of monographs EP and researches for standardization of centaurium herb can be used in the development of monographs State Pharmacopoeia of Ukraine for this kind of HD.