Modern approaches to the study of the chemical composition of the genus *Origanum* L. medicinal plants and methods for its standardization

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**Keywords:** molecular dynamics of heterogeneous systems, *Origanum vulgare* L., *Origanum onites* L., water-alcohol extracts from medicinal plant materials, flavonoids, luteolin-7-O-glucoside, cynaroside, condensed tannins.

**Abstract**

The study provides data describing the composition of phenolic complex inherent to the genus *Origanum* L. some members using the methods of thin-layer chromatography, titrimetry and UV-spectrophotometry. Qualitative and quantitative compositions of the biologically active compounds of analyzed group were identified. The existing procedures have been modified and a number of new standardized methods have been developed that allow to analyze qualitative and a quantitative composition of phenolic compounds based on experimental data.