

## GC-MS ANALYSIS OF THE ESSENTIAL OIL OF *SATUREJA SUBSPICATA* BARTL. EX VIS. OF MOLDOVAN ORIGIN

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**Abstract.** For the first time the results of GC-MS analysis of *Satureja subspicata* L. oil of Moldovan origin are reported. The chemical profile includes forty-four constituents and consists mostly (97.86%) of phenolic monoterpenes, monoterpene hydrocarbons, bicyclic sesquiterpenes and their oxygenated derivatives. A substantial quantitative and qualitative chemical differentiation of *S. subspicata* oil of Moldovan origin and reported oil of Croatian origin were found. The essential oil of *S. subspicata* L. plants cultivated in Republic of Moldova belongs to the carvacrol chemotype.

**Keywords:** *Satureja subspicata* L., essential oil, chemical profile, GC-MS analysis.

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