

**CHANGE OF ACTIVE COMPONENT CONTENT IN ABOVE-GROUND
PARTS OF *HYPERICUM PERFORATUM* (HYPERICACEAE)
DURING STORAGE**

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SUMMARY

Preservation of derivatives of hypericin, hyperforin, the total content of flavonoid glycosides (rutoside, isoquercitrin and hyperoside) and aglycons (quercetin and biapigenin) in above-ground parts of *Hypericum perforatum* L. under various conditions of storage was studied. Data are presented on change of active component content in powdered (2000 mm) and unbroken material during storage at the temperature range from 20 to 60 °C and humidity of herbal material from 9 to 25 %.

The HPLC method was used for data obtained. It was shown that the speed of hyperforin destruction increase in not hermetic packing. All studied substances degenerated faster at the higher temperature and humidity of herbal material during storage.

Key words: *Hypericum perforatum*, hypericin, hyperforin, HPLC, accelerated ageing.