

**CONTENT OF IRIDOIDS IN ELEVATED PART
OF *TEUCRIUM POLIUM* (LAMIACEAE)**

© *Yu. G. Rudakova*,¹ *O. I. Popova*

Pyatigorsk Medico-Pharmaceutical Institute —

a branch of GBOU VPO VolgGMU Russian Ministry of Health

¹E-mail: Rudakovaya@mail.ru

SUMMARY

Qualitative reactions (with Stahl reagent, Bacon-Edelman reagent) and thin-layer chromatography established the presence of iridoids in the elevated part of *Teucrium polium* L. Two iridoids were identified: harpagide and harpagide acetate. Quantification of iridoids in the elevated part of *T. polium* was determined by spectrophotometry using the reaction with hydroxylamine in an alcoholic extraction. The content of iridoids in the elevated part of *T. polium* in terms of harpagide acetate was 0.51 %.

Key words: *Teucrium polium*, iridoids, harpagide, harpagide acetate.