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Analysis of carbohydrate composition of Geranium pratense L., Geranium sylvaticum L., Geranium palustre L.

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Abstract

Quantity contents of free monosaccharides and water-soluble polysaccharides in the aerial part and the root part of Geranium pratense, Geranium sylvaticum, Geranium palustre were determined using spectrophotometric method in different phenological stages (flower bud emergence, flowering, fruit development, fruit maturity).

Free monosaccharides and water-soluble polysaccharides were isolated from herb material. Monosaccharide composition of these carbohydrate complexes was investigated by gas-liquid chromatography.