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Ju.S. Kolisnyk, V.S. Kyslychenko, V.Yu. Kuznetsova
POLYSACCHARIDES AND ORGANIC ACIDS OF SHEPHERD'S
PURSE HERB

Key words: polysaccharides, water soluble polysaccharides, pectin substances, hemicelluloses, Shepherd's purse, paper chromatography, HPLC.

The polysaccharide complexes from Shepherd's purse herb were obtained and fractionalized. The monomer content of sugars was studied by using paper chromatography. The content of carbohydrates and organic acids were determined by the means of HPLC.



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(^ 8.)

[5],

[1].

[3, 4].

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[6-8].

[2,

9, 10].

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2.

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1,7 4020 /100 .

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: 582.734.4:615.07:615.322:54.061/062:547.9:577.15/17,

ELAEAGNACEAE JUSS)

15 : Na, Mg, Al, Si, P, K, Ca, Mn, Fe, Ni, Cu, Zn, Mo, Pb, Sr, Si, Mg, Ca.

(Elae gnaceae Juss.). 15 : Na, Mg, Al, Si, P, K, Ca, Mn, Fe, Ni, Cu, Zn, Mo, Pb, Sr, K, Si, Mg, Ca.

E.N. Gergel

RESEARCH OF MACRO- AND MICROELEMENT COMPOSITION OF PLANTS FAMILY ELAEAGNACEAE (ELAEAGNACEAE JUSS)

Key words: atomic-adsorption spectroscopy, macro- and microelements Composition of - microelements in plants families Elae gnaceae Juss was studied by the method of atomic-adsorption spectroscopy. 15 macro- and microelements (Na, Mg, Al, Si, P, K, Ca, Mn, Fe, Ni, Cu, Zn, Mo, Pb, Sr) were educed and their quantitative maintenance was set. K, Si, Mg and Ca prevailed among them.

ELAEAGNACEAE

JUSS)

54.06:546.15:582.53

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2
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ZOSTERA MARINA

() [4-6, 8]. () L.) - (Zostera marina Zosteraceae,

[2, 6]. [1, 3, 9].

[7]. IBA- I- « Hg2 » + 0,10 () +0,10 -0,95.