

581.192:615.322.

(BUPLEURUM AUREUM)

A. V. Glushchenko, V. A. Georgiyants

**STUDY OF THE ELEMENTS COMPOSITION OF ABOVE-GROUND PART OF BUPLEURUM AUREUM**

**Keywords:** bupleurum aureum, atom-adsorptive spectrophotometry, macro- and microelements, medical raw material.

Study of elemental composition of above-ground part of bupleurum aureum has been carried out by atom-adsorptive spectrophotometry. The experiment has been showed that bupleurum aureum has the rich and different elemental composition. This raw material may be used for preventive maintenance and treatments diseases of hepatobiliar system.

(BUPLEURUM AUREU)

: 615.1:615.07:615.322

**(VIBURNUM OPULUS L.)**

( 163),

[11, 15].

( - ),

[15].

[8],

[8].

[9, 10].

^ ^ L.), ^  
lignos m L.),  
L.)

2-

3-

3-

[4, 12].

( ) -

[2].

( )

50-60 %

[1, 3, 14],

80 % [1],

35 % [5-7].

(4 : 1: 2)

8

5

[13].

Rf 0,36,

3-

10 1 %

-3-

0,13 %.

15

[3].

[15]:

1. 0,5 10 %

0,5

2. 0,5 10 %

0,5

0,5

. 1

10

1 %

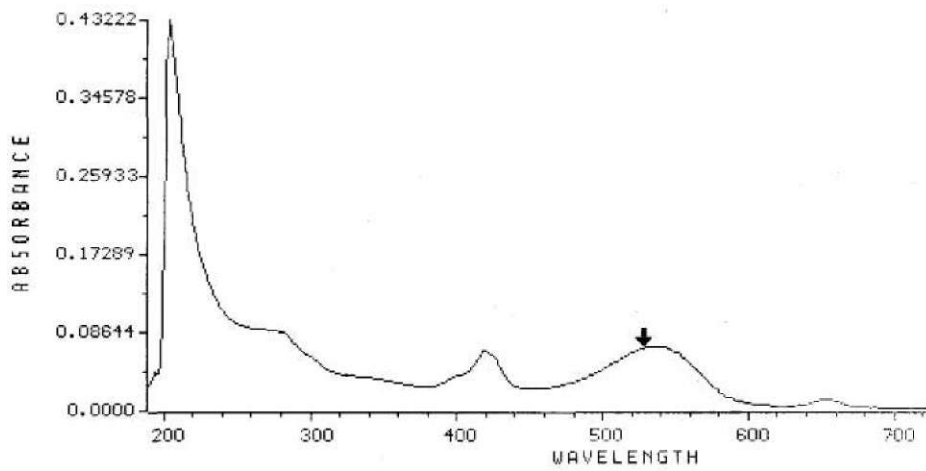
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(

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1.

-3-

2.

3-

0,13 %.

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15.10.2013

: 615.1:615.07:615.322

(Viburnum opulus L.).

(VIBURNUM OPULUS L.)

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-3-

(Viburnum opulus L.).

A. V. Gergel

**DEVELOPMENT METHODS OF ANALYSIS ANTHOCYANINS IN FRESH FRUITS OF GUELDER ROSE (VIBURNUM OPULUS L.)**

**Keywords:** Guelder rose, Viburnum opulus L., anthocyanins, thin layer chromatography, spectrophotometry.

There were developed the techniques of qualitative and quantitative analysis of fresh fructus of Guelder rose (Viburnum opulus L.). Using TLC studied qualitative composition of anthocyanins. Determined by spectrophotometry quantitative content scrip of anthocyanins calculated on cyanidin-3-glucoside.

(VIBURNUM OPULUS L.)

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