

54.06:546.15:582.53

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ZOSTERA
MARINA
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N.V. Popova, V.I. Litvinenko, S.I. Dikhtyarev, O.P. Kisil, K.L. Gliapa
ANALYSIS OF THE CONTENT OF IODINE IN EELGRASS
ZOSTERA MARINA

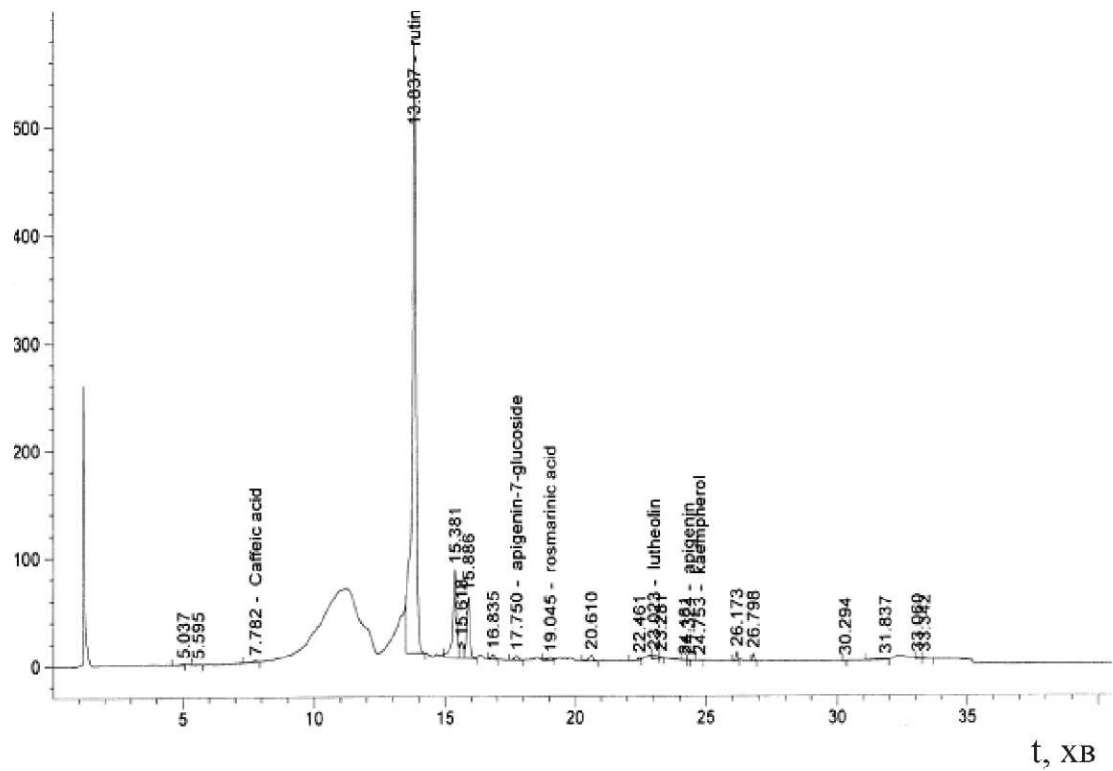
Key words: zosteria, iodine, voltammeter, thyroid gland.

The pharmacological activity of eelgrass is due to iodine compounds, which have a significant effect in the treatment of thyroid dysfunction. The results of the determination of iodine in zosteria by using inversion voltamperometry are represented. The analysis shows perspective usage in medicine as raw zosteria as well its extracts.

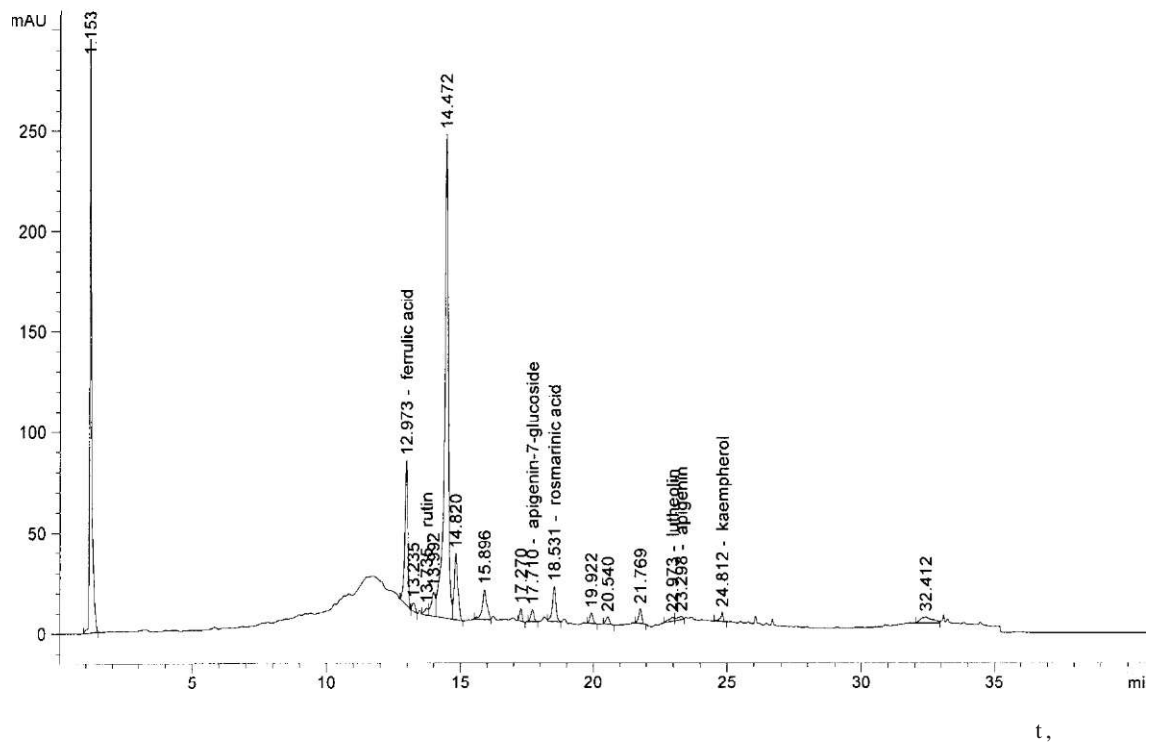
615.322:547.56

• ...
 • ...
 • ...

4000 (Plantago major) -
 , , , 7- - - , - - - , -7- - ,
 [8]. [13].
 (Plantago lanceolata) , , ,
 [13].
 P.major Plantago major Plantago lanceolata
 : , [18].
 : [4],
 [11],[16] , [5], Plantago major Plantago lanceolata
 [3], [18], [17], [6], [7], [13], [14], [15] [12], [13].
 P. major 15
 [8], [9], [18].
 [18]. 70%
 , , -7- ! [1], [2], [10].
 [8]. , -



1 *Plantago major*



2 *Plantago lanceolata*

Technologies 1200» (-) « gilent ; 38 ; 330 ; -
 Sine Fire, 150 x 4,6 , 1 , 25 . - 0,05%
 3,5 ; - 0,05%

$$X_i = \frac{51}{50} \cdot \frac{100}{100} \cdot \frac{100}{(100 -)}$$

81-

; 80 -

; 1 -

100), / ; 0 -

%, ; W -

(. 1),

5

23

2

(. 2),

5

1.

2.

1. // 2004.- 1.- . 156-159.

2. // 2006.- . 47, 5.- . 342-345.

3. // 2001.- 64 .

4. // 2001.- 511 .

5. // 2000.- 349 .

6. // 1998. - .

24, 7. - . 483-501.

7. // 2009.- . 35, 3.- . 293-310.

8. // 2007. - 2. - .37-50.

	Plantago major	Plantago lanceolata
	0,01%	-
	0,08%	0,34%
	0,002%	0,04%
-7-	0,08%	0,10%
	34, 2%	0,19%
	-	0, 3%
	0,01%	0,09%
	-	-
	-	-
	0,10%	0,0 %

3.

4.

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