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STUDY OF ANTIALTERATIVE AND REPARATIVE ACTIVITY OF THICK VIOLET GRASS EXTRACT

Keywords: thick violet grass extract, antialterative, reparative activity, model of necrotic ulcers.

There are presented the experimental evidences of the investigation of antialterative and reparative activity of thick grass violet extract on the model of necrotic ulcers in rats. Such medicines as diclofenac sodium and quercetin were chosen for comparison. It was found out, that thick violet extract doesn't possess the antialterative activity, has a moderate reparative action. These data affirm the presence of the reparative activity in a thick viola tricolor extract that is inferior to diclofenac sodium and exceeds the activity of quercetin.

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[1, 3].

[3].

80

, Mg, 2 , , Fe, Si, , , Li,),
(, Sc, Y, 2 , ,),
(, As, Se, Ag, W, 4) [1, 3].

80 , 30

2011 2012

	, /100																		
	Fe	Si		1		Mg					Zn			Sr		Cd	As		
, 2011	72	700	160	72	18	290	<0,03	0,09	<0,02	720	0,9	0,9	90	2700	4,5	<0,03	<0,01	<0,01	<0,01
, 2012	69	800	150	80	22	300	<0,02	0,07	<0,02	780	1,0	0,4	70	2500	2,1	<0,03	<0,01	<0,01	<0,01

[4].

16

60 .
-28.

-8

600 /
[1].

(-23-27).

240 347

-4.

30 %

[5, 6].

1 2.

19

2011 2012

(. 1), : 4 (, Mg, ,), 6
(, , , , , 2), 3
^ , , As).

2011

[2].

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2012
45 ° ,

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2011 2012

	, /100																		
	Fe	Si		1		Mg					Zn			Sr		Cd	As		
, 2011	32	300	100	2,2	20	150	<0,03	0,05	<0,02	220	0,3	0,3	50	1400	1,5	<0,03	<0,01	<0,01	<0,01
, 2012	22	260	70	3,7	18	120	<0,03	0,11	<0,02	300	0,4	0,4	37	1110	1,1	<0,03	<0,01	<0,01	<0,01

1.

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2.

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4.

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26.08.2013

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**ELEMENTAL COMPOSITION OF SHEPHERD'S PURSE
 HERBS AND BLACK CURRANT HUSKS**

Keywords: elemental composition, Shepherd's purse, Black currant.

The elemental composition of shepherd's purse herb and black currant husks were determined using atomic emission spectrophotometry. 19 macronutrients and trace elements were identified. Shepherd's purse herb and black currant husks are accumulated iron, magnesium, copper and calcium.