

615.322:582.734.4

- 1, 1
- 2, 2

- 1
- 2 "

GERANIUM L.

[2, 4, 7, 8].

(1573) :

(1731),

Geranium L.

geraniaceae Juss.

Pelargonium L'Herit. —

() [1].

Geranium L. —

[2, 3, 7].

300, — 400
— 24

[5].

G. robertianum L., *G. sibiricum* L., *G. sangrnrneum* L., *G. sylvaticum* L., *G. pratense* L., *G. palustre* L. [12].

[8].

G. sanguineum L., *G. sylvaticum* L., *G. robertianum* L., *G. sibiricum* L.,

[10].

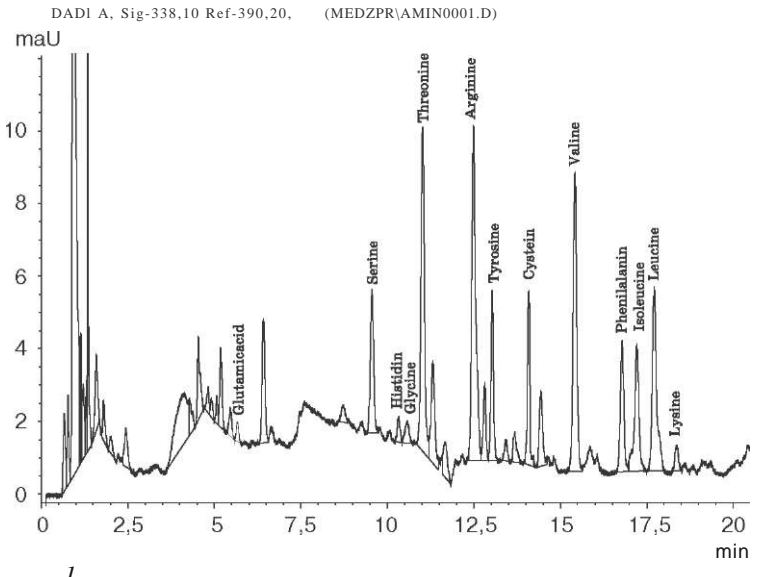
11].

[9].

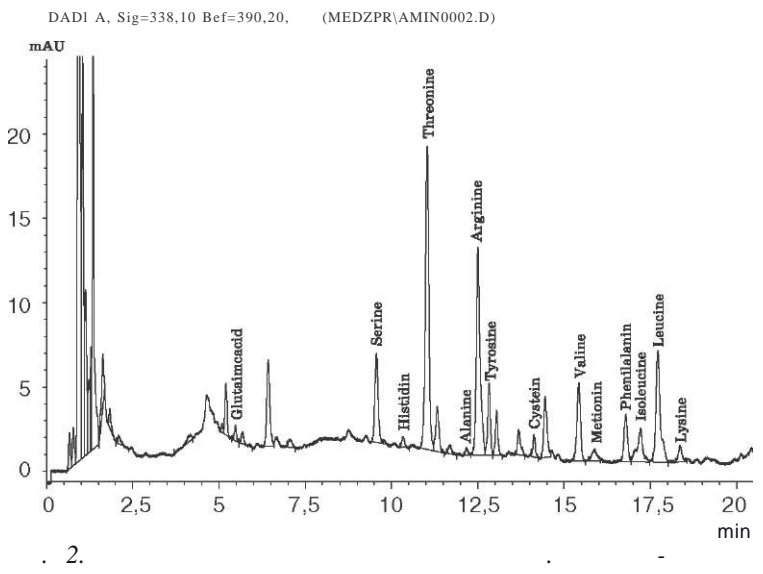
[2, 3, 4, 7, 8].

[13].

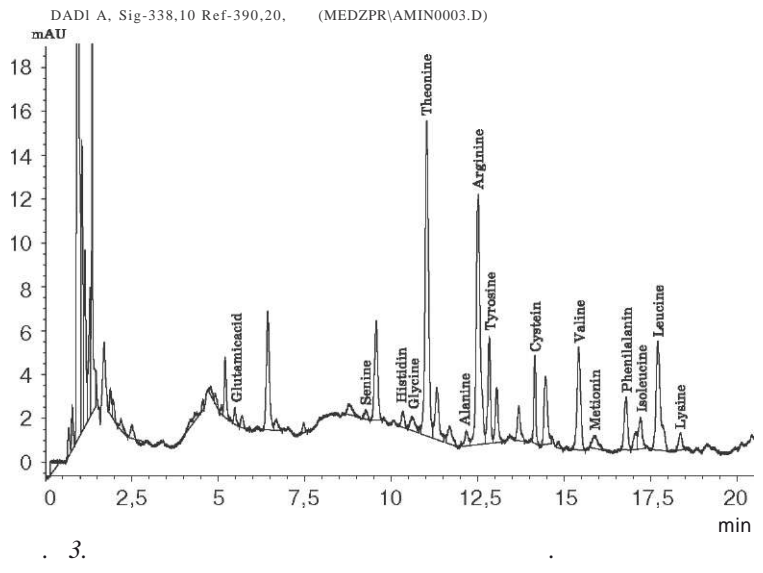
Geranium L.,
 in vitro in vivo
 [15, 16,
 17].



G. robertianum L.,
 G. sangu^eum L.
 G. sibiricum L.,
 2009
 (. .)



Agilent Technologies (1100),
 0,3 2,4
 G1379A,
 G1313A,
 G13111A,
 G1316A,
 G1316A.



1-4



90%
7

(. 1-4).

, /100

	, /100		
	0,00	0,00	0,00
	4,52	3,05	4,59
	2,50	24,84	34,26
	7,15	6,28	5,42
	4,60	3,19	0,00
	109,46	64,94	132,46
	3,71	0,00	1,65
	128,78	99,70	129,87
	45,18	38,82	37,45
1/2	52,65	66,42	18,47
	31,19	52,84	30,07
	6,91	0,00	7,38
	21,72	32,83	24,91
	5,80	30,24	21,66
	4,14	15,85	7,30
	49,28	47,04	62,03
	7,54	6,49	9,91
	485,13	492,53	527,44

[6, 13].

()

1.

Geranium L.

G. robertianum L.,

G. san-

guineum L.,

G. sibiricum L.

2.

90%

3.

(50%)

4.

1. / , 1965. - . 427-431.

2. / 1991. - . 26.

3. / , 1991. - . 269-270.

4. / , 1992. - . 51.

It was found that almost 90% of the total content of amino acids had been threonine, arginine, tyrosine, cysteine, valine, phenylalanine and leucine. It was found that all investigated *Geranium* L. species had been characterized by high content of arginine and threonine (about 50% of all amino acids), besides, *G. sanguineum* had been characterized by high contents of valine, *G. sibiricum* - leucine, *G. robertianum* - cysteine. The highest content of amino acids was found in *G. sibiricum* herb.

: 577.118:582.734.3

- 1
- A. 1, V
- B. 2
- 1
- 2

SORBUS

<p>(<i>Sorbus</i> L.) (Rosaceae Juss.).</p> <p>25. 2-5</p> <p>200-300 10- 4-5</p> <p>2</p> <p>2/3</p> <p>1. <i>S. domesfaca</i> L. — .</p> <p>2. <i>S. sambucifolia</i> (Cham. et Schlecht.) M. Roem. — .</p> <p>3. <i>S. pohuaschanensis</i> (Hance) Hedl. — .</p> <p>4. <i>S. aucuparia</i> L. — .</p> <p>5. <i>S. sargenfaana</i> Koehne — .</p> <p>6. <i>S. koehneana</i> Schneid. — .</p> <p>7. <i>S. sibirica</i> Hedl. — .</p> <p>8. <i>S. amurensis</i> Koehne — .</p> <p>9. <i>S. serotina</i> Koehne — .</p>	<p>10. <i>S. americana</i> Marsh. — .</p> <p>11. <i>S. tianschanica</i> Rupr. — .</p> <p>12. <i>S. commixta</i> Hedl. — .</p> <p>13. <i>S. discolor</i> (Maxim.) Hedl. — .</p> <p style="text-align: right;">Hahnia Medic.</p> <p>14. <i>S. albovii</i> Zinserl. — .</p> <p>15. <i>S. velutina</i> (Albov) C.K. Schneid. — .</p> <p>16. <i>S. intermedia</i> (Ehrh.) Pers. (<i>S. scandica</i> Fr.) — .</p> <p>17. <i>S. aria</i> (L.) Crantz. — .</p> <p>18. <i>S. torminalis</i> (L.) Crantz. — .</p> <p>19. <i>S. latifolia</i> (Lam.) Pers. (<i>S. aria</i> 4 <i>S.</i> <i>torminalis</i>) — .</p> <p>20. <i>S. graeca</i> (Spach) Lood. et Schauer. — .</p> <p>21. <i>S. turcica</i> Zinserl. — .</p> <p style="text-align: center;"><i>S. aucuparia</i> L. <i>S. torminalis</i> (L.) Crantz., [3, 6, 12, 14].</p> <p>3,8 %, — 3,3 %, ^-</p> <p>1,6 %, — 1,4 %, -</p>
--	--