

1. " : , 2001. - 556 .
2. : 1975. - . 128-130.
3. : 1987. - . 56-57.
4. " , 1- . // . , - 2009 3. - . 124-128.
5. *European pharmacopoeia* 6.0 - Strasbourg: Council of Europe, 2008. - P. 1952-1953.
6. *Schollkraut // Deutsches Arzneibuch* 2000. - Stuttgart: Govi-Verlag GmbH Frankfurt, 1992.

24.12.2009

615.322:615.19:615.074

**FUMARIA OFFICINALIS L.  
FUMARIA SHLEICHERI SOY.-WILLEM.**

:

**FUMARIA OFFICINALIS L.  
FUMARIA SHLEICHERI SOY.-WILLEM.**

:

Y.S. Prokopenko, V.A. Georgiyants, V.P. Rudenko

**COMPARATIVE PHARMACOGNOSTIC DESCRIPTION OF FUMARIA OFFICINALIS L  
AND FUMARIA SHLEICHERI SOY.-WILLEM.**

**Key words:** medicinal raw material, *Fumaria officinalis* L., chemical analysis

The analysis of two kinds of fumitory, which are characterized of the set of general morphological signs and meet in the same natural area, was carried out. Identical traits and differences were discovered. That can be used in identification of these two kinds of raw material.

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

- 1, . . . . .
- 1, . . . . .
- 2, . . . . .
- 1
- 2

**(ELAEAGNACEAE JUSS.)**

[11]. (Elaeagnus angustifolia L.) — [1].

— Elaeagnaceae Juss.

Hippophae rhamnoides L.

Elaeagnus angustifolia L. ( [8].

Elaeagnus L. ), 2%

(Hippophae — [10]. 5 10

noides L.) — ( [3].

[6]. (

[5]. [2, 5]. (= ) (Elaeag-

[4, 9, 12]. L.) (52,5-70,5%).

4% — ( ),

[3]. [7].

[5]. [5].

(Elaeagnaceae Juss.).

2009

Agilent Technologies ( ) 1100),

0,3

2,4

G1313A, G1379A,

G13111A,

G1316A,

G1316A.

90%

( 100 )

	( )	( )		
Ac apa i o a - a	4,44	2,70	4,28	3,81
y a i o a - a	3,90	3,05	8,95	0,17
CepHH	8,70	7,95	8,35	7,04
	2,78	8,32	0,78	7,14
	5,40	5,74	4,82	2,32
TpeoHiH	145,18	144,20	140,20	134,09
A a i	1,00	1,70	1,87	1,37
AprimH	155,29	150,04	157,72	130,80
T po	24,05	20,37	18,84	29,90
1/2	44,75	30,73	17,03	42,90
Ba i	43,01	40,23	42,74	42,77
Me^oHm	0,91	10,91	13,13	10,37
e i a a i	28,75	31,12	20,09	27,47
o e	0,14	20,10	4,33	0,03
po i	0,97	0,99	1,24	1,10
	03,43	08,32	01,10	50,95
	20,59	10,27	14,52	19,78
B ^ora	507,21	594,18	539,19	530,79

( ), ,  
 8  
 2.  
 3.  
 3  
 1.  
 — 4  
 (= ).

1. *Elaeagnus angustifolia* L. // . - 2008. - 4 - . 40-42.
2. // . - 2007. - 4. - . 15-17.
3. // . - 2001. - 3 - . 87.
4. // . - 1998. - 1. - . 29-32.
5. " " , 1992. - 544 .
6. (*Hippophae rhamnoides* L.) " " // . - 2007. - . 41, 8. - . 19-21.
7. // . - 2000. - 1-2. - . 125-131.
8. *Elaeagnus angustifolia* // . - 1970. - 6, 4. - . 517. 11
9. // . - 2005. - 53, 4. - . 61-64.
10. Jiang F, Dan J, Wang H, Wang J. Optimizing the ultrasonic extraction of tannin in *Elaeagnus angustifolia* L. by uniform design // *Zhong Yao Cai*. - 2002. - Vol. 25, 11. - P. 815-816.
11. Jin X.J., Luo X.Y., Wang Y., Liu Z.Q., Zhang J.W., Sun Y.X. analysis of effective composition of *Hippophae Rhamnoides* L // *Chem. Res. in Chin. Univ.* - 2002. - Vol. 18, 3. - . 274-276.
12. Zu Y, Li C, Fu Y, Zhao C. Simultaneous determination of catechin, rutin, quercetin kaempferol and isorhamnetin in the extract of sea buckthorn (*Hippophae rhamnoides* L.) leaves by RP-HPLC with DAD. // *J. Pharm. Biomed. Anal.* - 2006. - Vol. 41, 3. - . 714-719.

: 16.12.2009

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

## (ELAEAGNACEAE JUS S.)

