

- . . . , . . . , . . . .
- « . . . » , . . .

(GLYCYRRHIZA GLABRA L.)

), 50 70 % -  
 , ( ) 45 .  
 , " " ' 100 . -  
 - 70 % . 5 100  
 - 25 % , ( 5 ) 10  
 ( ) . , "Superclean  
 200 [1, 2]. 1 -18 SPE Tubes 2 ml" Supelco ( ).  
 10 25 %  
 10  
 , 5  
 0,45 .  
 Shimadzu ser.  
 20, -  
 18 Symmetry, 250 4,6 ,  
 5 ; - 35 0 ;  
 , - 254 ;  
 1 / ; ' , - 5 ;  
 :

(Glycyrrhiza glabra L.),

[1, 2].  
 [4-7, 9, 12].  
 [4, 5],

( . )	% ' ,	% ' ,
0-1	90	10
1-25	90 ^ 60	10 ^ 40
25-30	60	40
30-35	60 ^ 20	40 ^ 80
35-40	20	80
40-55	90	10

: 5 %  
 - (5 : 95);  
 : 5 %

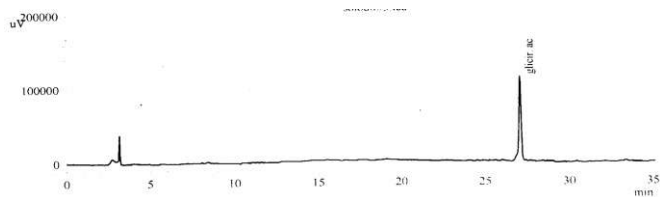
2 ( « ») , 2  
 ») ; ( « -  
 100 .  
 ( 10210, 91010, 101110, 111110);  
 - 1,5 ( 31010).  
 ( ) ); 85 % (' " ( -  
 (Fluka . 50531) 70 % ;

1 ( ) : 1 - [3].  
 ( ) 5 ( )  
 ( )

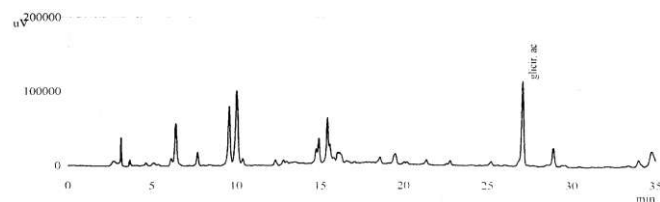
[8, 10, 11].

( ),

1, 2



1.



2.

27

« ».

I		,	%)
1	100	« 101110 »,	4,61±0,21
2	100	« 10210 »,	5,37±0,26
3	100	« 91010 »,	4,88±0,23
4	100	« 111110 »,	5,28±0,28
5	- 1,5	« 31110 »,	4,62±0,24

4,61±0,21 % 5,37±0,26 %

2

« ».

2



I „



J „  
-npoimiseMopoidaibtt&'o : - : A-

1.

2.

3.

4,61±0,21 % 5,37±0,26 %

1. . . . . 2007: . . . / . . . . .  
 2. . . . . 2007: . 2. / . . . . .  
 3. . . . . 2007: - 26 .  
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C A A P A I  
(GLYCYRRHIZA GLABRA L.)

5

8

A.V. Gudzenko  
DEVELOPMENT OF APPROACHES TO STANDARDIZATION OF  
GLYCYRRHIZA GLABRA L. ROOTS IN MULTICOMPONENT  
PLANT COMPOSITION

Key words: Glycyrrhiza glabra L. roots, glycyrrhizic acid, multicomponent plant composition, HPLC

The procedure of the HPLC analysis of glycyrrhizic acid in Glycyrrhiza glabra L. roots is offered. Five series of products of Glycyrrhiza glabra L. roots were analyzed with help of the developed procedure. It was determined that based on the presence and content of glycyrrhizic acid in Glycyrrhiza glabra L. roots could be standardized in mixtures of 8 plant raw materials.

C T A A P T A  
(GLYCYRRHIZA GLABRA L.)

PAC

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