

5.

/ . . . , . . . ,
. . . . -2- ,, -

, 2004. – 264 .

02.10.07

664.3:547

. . . , . . . ; . . . , ;
. . . , . . . , “ ”

1:1

383 , 393 403 .

The article has been presented results of investigation of reaction of monoglycerides on the basis of diethanolamine and triglycerides of sunflower oil. The reaction of diethanolamine with triglycerides of sunflower oil under molar relation of reagents 1:1 and temperature 383 K, 393 K and 403 K. Changes of content of reactive mass obtained by reaction of diethanolamine and triglycerides of sunflower oil were investigated against time of the reaction. The quantity monoglycerides were determined.

(), ,

(), – - -

[1, 2].

[3, 4, 5]

[3]

34 %.

(99 % ; 0,1 %).

4492:2006.

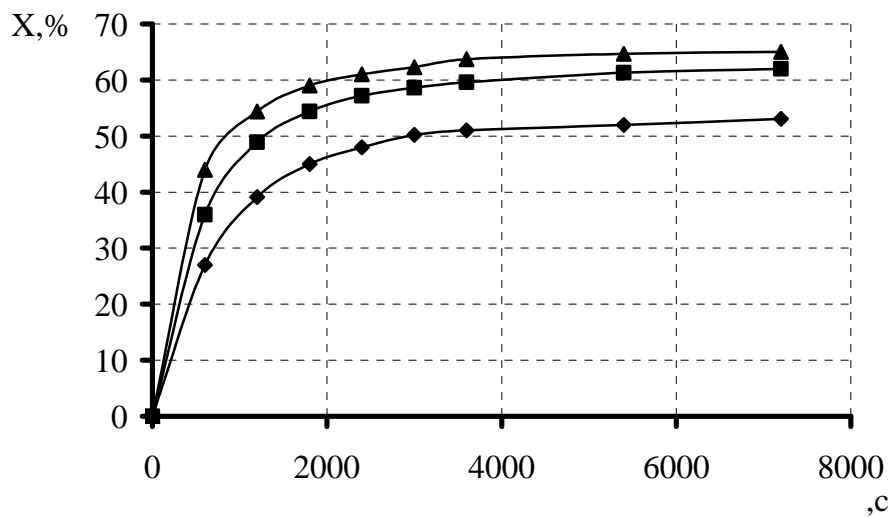
[6] :

() = 1 : 1 383, 393, 403 .

[6].

(.1) , (1800) 4000 – 6000

120 403 65 %.



.1.

1:1

◆ 383 K ■ 393 K ▲ 403

, 383 – 403

[7]

(), () (S) (.1).

1

-

1:1

	$k \cdot 10^{-4}, \dots^{-1} \cdot^{-1}$	‘ /	‘ /	S, /
383	4	44507,53	41241,7	-212,28
393	6			
403	8			

-

-

(.2), ,

2

-

1:1

	$k \cdot 10^{-4}, \dots^{-1} \cdot^{-1}$	‘ /	‘ /	S, /
383	16,8	49318,19	45994,19	-192,42
403	21,1			

-

-

[8, 9].

-

,

-

(.2):

-

.2 ,

() -

1800 . 7200

0,18 . .

0,5 . . -

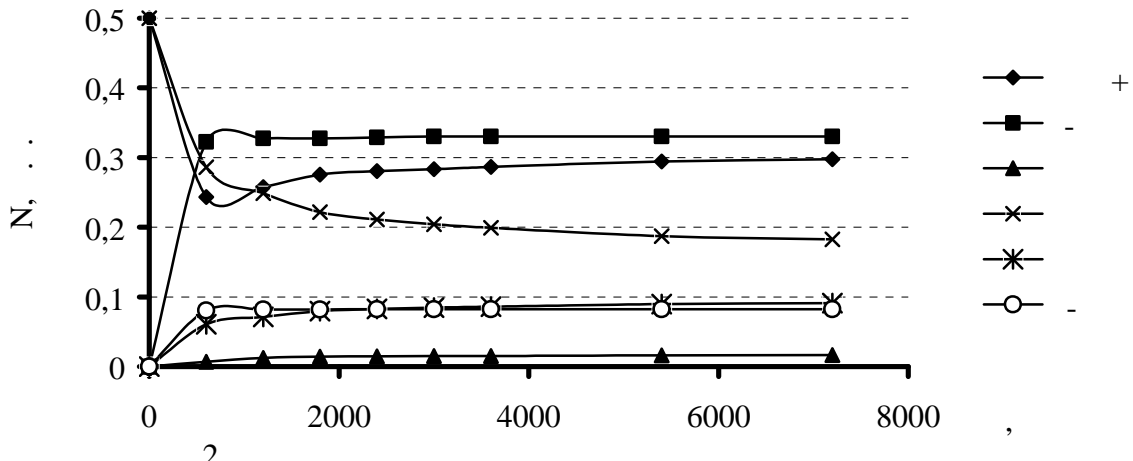
1800

0,32 . .

7200

0,33 . .

0,016 . . 7200 .



(=1:1 383)

1. -

2. 383 – 403
30

3. -

1. -

1975. – 135 . 2. -

1999. – 452 . 3. -

// “

” – : “ ”, 2004. – 41. – . 56-60. 4. -

// - :

, 1999. – 33. – . 46-48. 5. -

// - : , 1999. – 90. -

. 66-68. 6. -

// “” – :

“ ”, 2006. – 43. – . 55-58. 7. -

. 2002. 214-234 . 8. -

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. . – .: “ ”, 1964. – 408 . 9. AJOCS OFFICIAL METHOD Cd11-57

-Monoglycerides.

15.09.07