

• • , • • ; • • , “ ”

-N-() -

1:1, 1:2, 1:3 393 , 413 , 433 . -

1:1, 1:2 1:3.

Investigation of reaction of alkylcarbon-N-(dihydroxyethyl)amides on the basis of diethanolamine and tripalmitin have been carried out. The reaction of diethanolamine with tripalmitin under molar relation of reagents 1:1, 1:2, 1:3 and temperature 393 , 413 , 433 during 3 hours was studied. The order of the reaction was determined. The energy of the reaction, enthalpy and entropy were determined. The constants of the rates of the reaction, energy of the reaction, enthalpy and entropy different under molar relation of reagents 1:1, 1:2, 1:3 were determined.

[1]

-N-() .

[2, 3], -

[4].

-N-

() [5].

6 / ; 214 / ; 338 ,

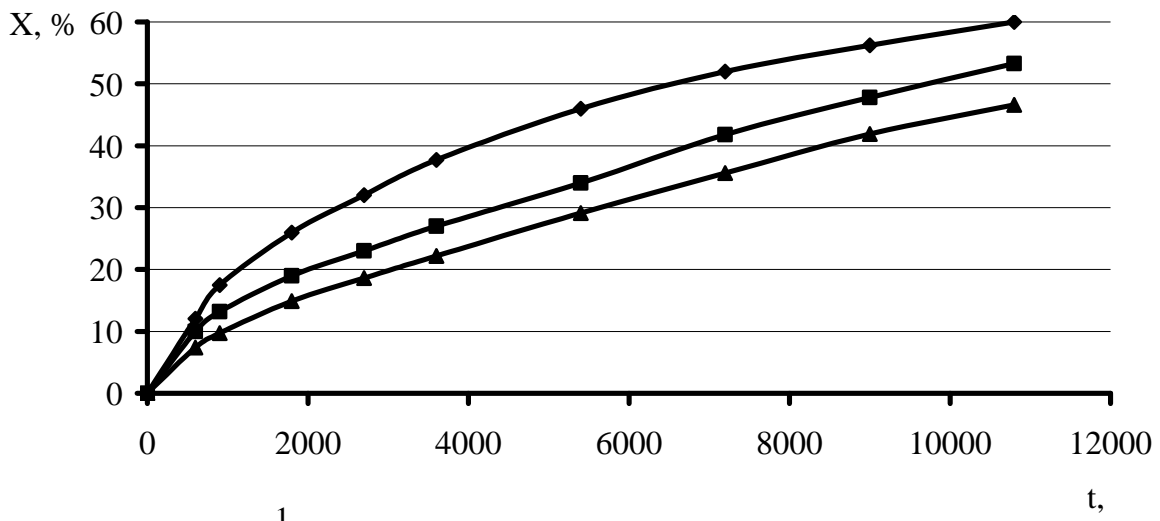
807,43 /

96 %.

± 0,2 °

[5].

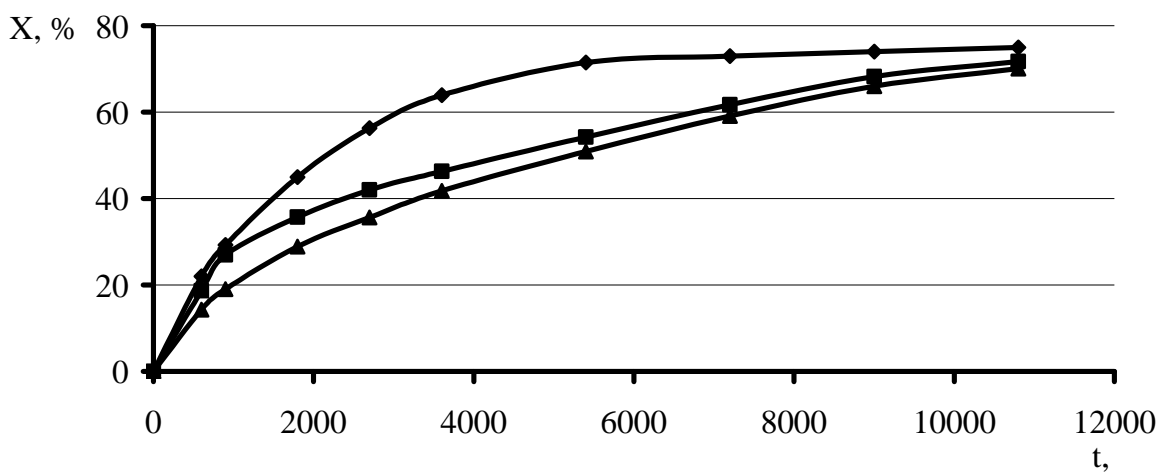
() 393, 413 433 . 1-3. 1:1 1:3 -
 -N-() 1/N -
 - 1/N 0 t [6], -



. 1.

393

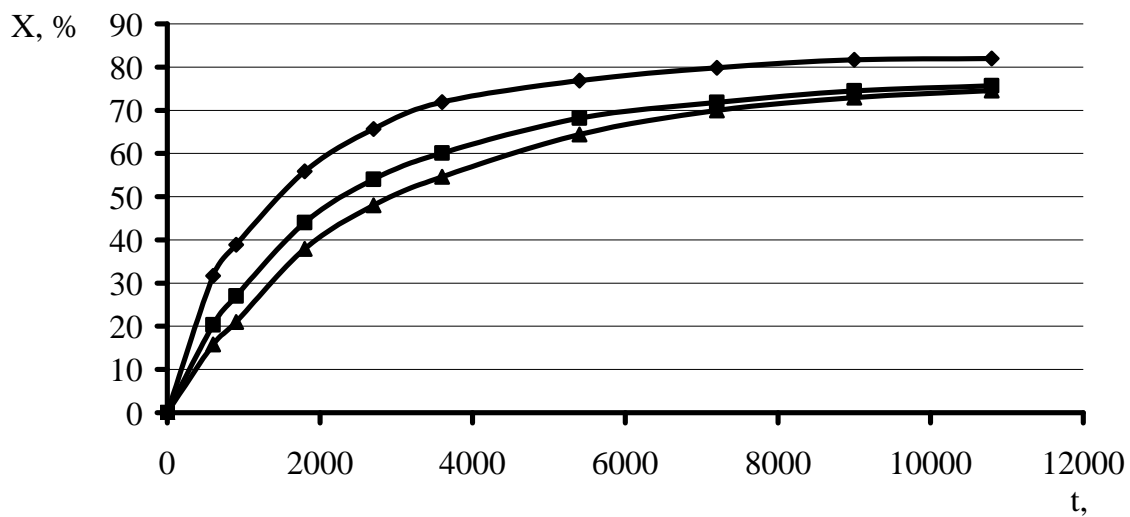
◆ =1:1 ■ =1:2 ▲ =1:3



. 2.

413

◆ =1:1 ■ =1:2 ▲ =1:3



. 3.

433

◆ =1:1 ■ =1:2 ▲ =1:3

(R²)

1, 2.

1

(R²)

	1:1	1:2	1:3
393	0,9916	0,9778	0,9874
413	0,9982	0,9714	0,9953
433	0,9895	0,9970	0,9994

2

	1:1	1:2	1:3
393, . . ⁻¹ . ⁻¹	0,0003	0,0002	0,0001
413, . . ⁻¹ . ⁻¹	0,0009	0,0004	0,0004
433, . . ⁻¹ . ⁻¹	0,0013	0,0008	0,0007
, /	52215,05	48970,83	69210,67
, /	48783,02	45538,8	65778,64
S, / .	-197,69	-210,27	-163,47

82 % 180 . 1 : 1 433 .

1 : 3 . 1 : 1

1 : 2,

1. 393 – 413 ,

2. , , 1:1, 1:2 1:3.

3.

: 1. . „ . . . - : , 1999, - . 33. - . 46-48. 2. . „ . . . // ; : . . . , 1966. 29 . 3. 1984792. 4. . . , 1995. 128, 152-153 .

5. . „ -N-() . „ ”. 2003. .11. .2. . 64 – 69.

6. . . . 2002. 214-234 .

10.11.06