

, 2013, . 8, 1

ХИМИЯ И ТЕХНОЛОГИЯ ЛЕКАРСТВЕННЫХ ПРЕПАРАТОВ И БИОЛОГИЧЕСКИ АКТИВНЫХ СОЕДИНЕНИЙ

541.64+577.15

-N-

• • , , • • , , • • , , * • • , , , 119571

* , , 117997

e-mail: churchev@mail.ru

• • , -N- 25⁰ , V_{max}.

• • , -N- , , [1]. [2, 11, 12]

• • , [2, 3]. -N- (). -N-

() (32635⁰), () « - », 10⁶

[467], (BAPNA). (λ = 400

ε = 10000 (10⁶20%) , pH 8.0.

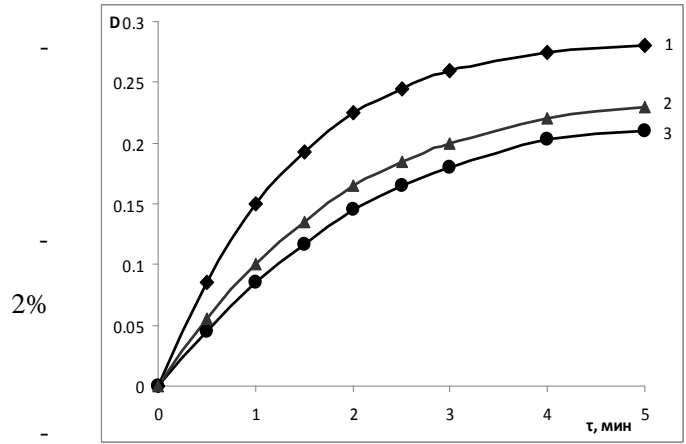
[8610] Helios Alpha Local Control System «Termo Spectronic» ().

(. 1),

. 1 , -
,

6

. 2 3.



$\dot{V} = f([S]).$

$1/V = 1/[S_0].$

K_M

. 1.

; 1 6

2% ; 2 6

2% ; 3 6

() ;
[] = 5

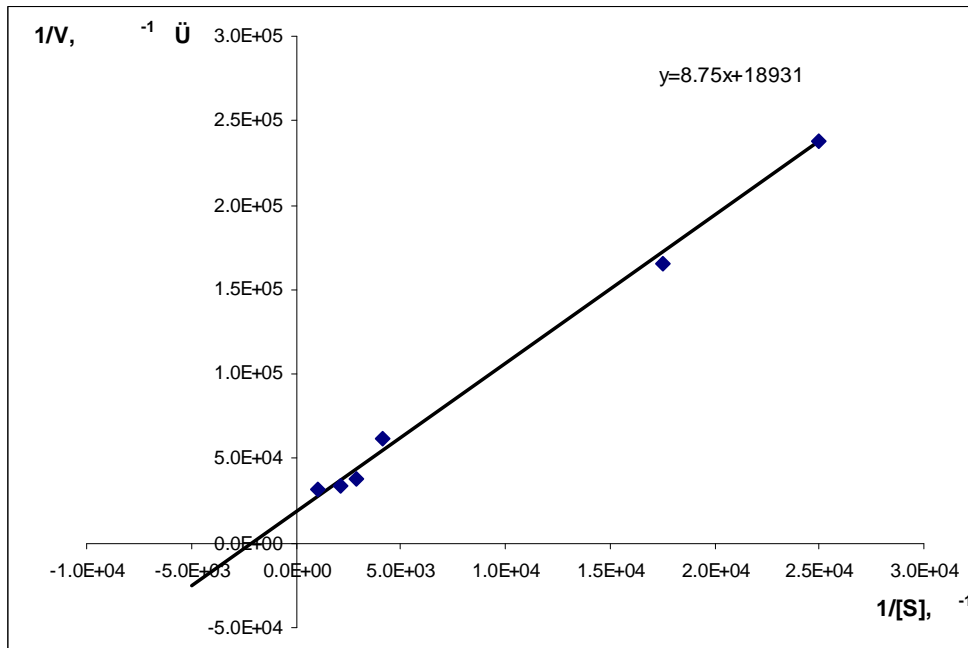
1.

()

([S] = 115

(S)
M)

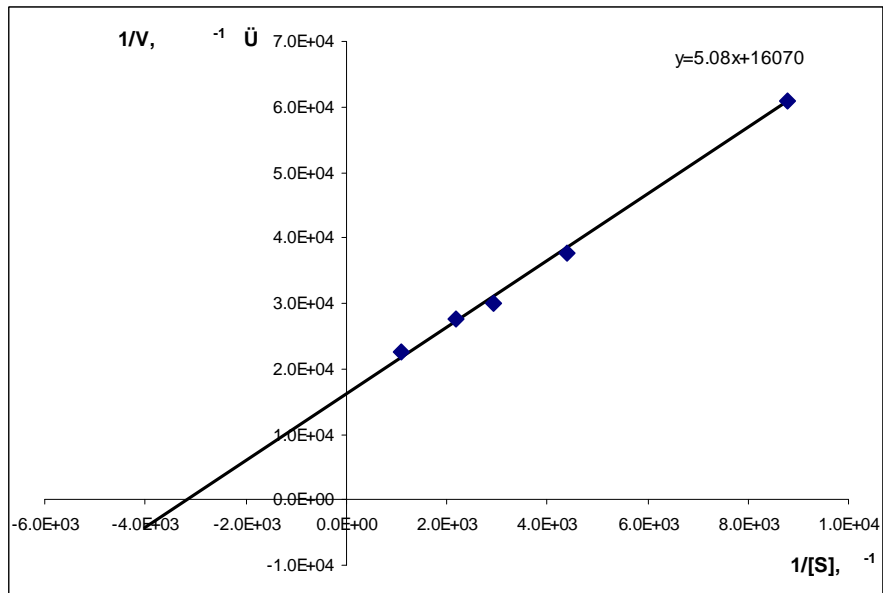
[], M	[]/[S]·10 ²	S, . . /		
		V ₁	2% . . , V ₂	V ₂ /V ₁
8.0	6.96	0.14	0.13	0.93
4.0	3.48	0.08	0.10	1.25
2.0	2.74	0.04	0.075	1.87
0.8	0.70	0.005	0.01	2.00



. 2.

BAPNA

6 . [] = 5 ; [S] = 4.3·10⁰⁵ 6 9.4·10⁶⁴ .



. 3. BAPNA
 , ó . [] = 5 ; [S] = 1.1 · 10⁶⁴ ó 9.1 · 10⁶⁴ .
 1.5 , ,
 . 2, ó , .

V_{max} · K_M

2. BAPNA 25° ([Tp] = 5)

	K _M , M	V _{max} · 10 ⁶⁶ , / c	R
	0.462 ± 0.002	0.75 ± 0.002	0.9981
	0.316 ± 0.002	1.07 ± 0.002	0.9986

- - , ,
 - - -
 [2], , -
 - « » , -
 , , - -
 , , (2%)
 - (+4) -
 (1.1561.20 400
 -N- ó (),). (. 1),
 [2] (400), 1.8-2.0
 , . , , ,
 , ,
 25⁰ (. . 1), . . (400) - 4% .
 , 1.1 , -
 - ,
 , ,
 , . .

