

“

”

2006 23

N7

-2006

“ ”

1- : “ ”

: . . .

2006 23 N7

1

:"

.

,

.

,+ +

,

".

-2

.

:

,

,

.

.

,

.

,

.

:

1.

2.

3.

,

,

.

4.

,

,

.

5.

,

6.

.

,

7.

,

,

:

,

,

,

,

,

-

8.

,

,

.

9.

10.

.

()

50%

(,)

-
 - 1
 2 - : 1 ,
 -
 -
 3 :
 - 1
 -

- (, ,) (,
) (,) ,

1 - :
 2 - (,)

,
 () , , , ,
 () , (,
 , 1

, 2 -
 () ,
 3 (" , ")

()

“ ” “ ”

“ ”

“ ”

”

()

“ ”

1020 ”

” 5

(), 64

" ' " ; ' "

1872

1899

1796

"Recipe"

" " .

2 3

(1755 1843 .)

:"

1790

" " "

,

.

,

,

,

.

,

"

"

:

;

;

;

;

6

.

,

,

.

1796

"

"

1805

"

"

1810

"

"

1811

"

"

1

4

60

"

" (

:homos

"

"

, patos

)

" (allos

, patos

)
XIX

1755 1843,

homeos –

patos

“

”

“

”

1

100

/

/

,11

1

1755

“”

”

1

. 1810

“

”

1 32

. III

1832

1953 ,

1856 ,

1963 ,

1895 ,

1960 ,

1979 ,

1981 ,

1892

+ + :

- 1.
- 2.
- 3.
- 4.
- 5.

3 4 7

1 1

5 8

8“ ”

: 02,⁰⁰²

3 10⁶ 100³.

: 1 3 3 10³, 2 6 6 3

“ ”

“ ”

“ ”

3

3

Greatiola 3

Kpateguo 6

Spongia () 3 , 6 , 12

6	3
6	3
6	2 ,3
2 ,3	3 ,3
6 ,12	3

()

1,3, 6,12, 18, 24, 30, 100, 200, 1000 50. 000

()

, 6 12

, 18 100

1 6
100

1 2

()

()

/ /

10

1

. 1800

412 0

, 0,0000005

MHia mhia

()

3.

, 1950 .

. 1967 .

I.

9

I

I,2,3,4,

II

5

6

7

III

8

9

T

+

+

+

1

1/10 1.

1/100 1

2

1/100 2.

1/10000 1

3

1/1000 3.

1/1000000 1

4

1/10000 4.

1/100000000 1

5

1/100000 5.

1/10000000000 1

6

1/1000000 1

7

1/10000000 1

8

1/100000000 1

9

1/1000000000 1

10

1/10000000000 1

L

+

1/2 1/3
 2 / 2 45% 7
 . /20 /
 , 79 . 20 . 90% 10 4 3 5 4
 I . 99 . 45% , 6 , 7 45%

Atropa Belladonna

II

4.

homos

pathos

200

(1755 1843).

70

78 80%

, 14%

6%

() : 2 (2), 3 (3), 3 (3) 5 8 () () 3 4

[1,2,3].

[3,11].

6 Kalmia latifolia 3
Bryonia alba 6 , [2,7,8]. Akonitum napellus 6
3 [9,10].

[5,6]. ()

100, 200, 1000 1, 3, 6, 12, 18, 24, 30, 50000 () [2,3].
, 6 12 , 18 100 1 6 100
[9].

[1,2].

1 2 (), [2,4,10].

10

[1,2].

1800

[1].

12

[10,11].

[1,5].

(

50000

(

(200

100

1/9

10

1/99

(

1/2 1/3

" "

" "

)

:

1 30

45%

)

9

(

10

)

:

2
 () 10
 1 30
 99
 99
 1 5
 9 10 [1]. "5 "
 1/10 "5 " 99
 1/100 . 5
 13

1. .
2. . , 1996 .
3. . . , . . . 1992 .
4. 1923 .
5. , 1950 .
6. . . . 1935 .

:
 + + : , ,
 .
 :
 1. - (1,2,3)
 2. , ,
 3. , ,
 4. , ,
 5. (,)
 6. .
 (,)
 , 1/2 1/3
 " " ,
 " " .
) : 1 30
 45% , 2 9 ()
) 10 ,
) : 1 30
 2 99
 99
 () 10 ,
 .
 :
 . 1 5 10 [1]. "5 "
 . 9
 1/10 . "5 " 99
 ,
 1/100 . 5

13

3 /1,2,3/

1

60%

60%

90%

8

2

8

45%

1

2

60%

60%

100 50 0

100 50 0

//.

//.

100

100

24

100 50 0

//,

;

100 ()

;

100

90%

90%

8 14

8

1/2

2

8

45%

1

60%

90%

90%

8 14

8

3

7

60%

1

4

. 2

, 1

10

/

1

/

/.

. 1

20

1/10

: 1

10

8

16 50 +

8

N4

/1 / 10

14

8

1:10

10

."

".

1:10

4

10

1

2
20

1/10

1

10

16 50 0

8

8

10

14

8

1:10

:

60%

/60%

/90%/

/60%/

/60% /

/90%/

/90%/

/60%/

/90%/

/60%/

/60%/

/90%/

/90%/

/90%/

/60%/

/60%/

/ /60%/

/60%/

5.

2

3

8

45%

1:3

2

2:1

3

7

60%

419 0

42 0

70%

:

3%

10%

10%

5%

5%

0 10,0

0 20,0

0 30,0
0 20,0
0 30,0

/ 581 / 1 1985
. / 1 2 ,193 /.

II.

N 5 . 1 9 . 1:10

N 5 .1 . 99 . 1:10 5

%

89,5 . N 5 . . 96%,1:10 10,5 .

N 5. 24. 3 25. 25%, 1:10 10
10%.

/ . 6 / 1 . 9 . 90%
10 . 25% 15 .
10 . 24 25%

15 N 6. 90 60 45%

6. , ,

5. . 24: 1/2 1/3 ,

1, 2, 3..... 1, 2, 3..... 10
.1 . 9 .45% 10 :
. 1.

45,60,70,90 96

. 20 5 0 0 , 1 , ,435

1. 1 . 96% 2 II. 1. 1990 . 435 8

2.
2.1 /

: 95% 50 70%
95% 92.45% ,70% 62.44%

62.44 5
, 33.8
92.42

33.8 92.42% 16.2

/50 33.8/
2.2 " "

92.42 62.44
62.44
0 29.98
92.42

62.44 50
92.42 62.44 33.8
50 92.42
50 33.8 16.22

1. 1 , 4,5

2.
2.1 V

, V

: 95% 50 70% .
 V 50 70
 36,8 90%
 95
 2. 2. " " 36,8 90% , 50 .
 95 70
 70
 0 $\frac{25}{95}$
 95 70 70 50
 50 36,8
 95
 36,8 95% 50 .

1. . . / , 1950.
2. . . / . . . , 1991. . . 1.474 485 .

: **4** , ,

+ + : , ,

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

I 2 145 ."

3

1. 10,0 : /45 50 50 0 /

1000,0

2. 10% 1

25% 10 15 1 10 9 . 81 .

3. /

: 1. 3%

2. 2%

3. 1%

4. 10% 1

5% /1,2,3 /

1,5 1 0,5

5%

10%

5%

26 28

: T 0

3% T 0

5% T 0

3%

3%

10%

T 0 0,5%
 5%
 10%
 T 0 10%

3
 10%.

2%
 10% T 0
 T 0 3% T
 1% T 0

T 0 10%
 T 0 1%
 T 0 1%

2%
 0,5% T 0

:
 : 20,0 •
 60,0
 20,0
 182,0
 400,0
 1400,0

: 7,5 T 0
 15,0 T 0 T 0 T 0 T
 /1:1000/ 30,0 T
 15,0
 15,0
 1500,0

: 1,5 T 1,5 T
 1,5 T 0
 1,5
 25,0
 1500
 150,0

,
.
.
,
, 5% 2

1 . 1 .
,5 . 3 .
, 2 85 / 42 0 42 0/
: 1500 2000,
4000/ 42 110 72/
5% 2 30 : 0,5
36 38 50 0
60 ,
600

2 , 20 / /
30 1 .
: , 10 :1
60% 20 , 10 200 , 1

0601 , 20
, 1,5 5%
, 100
50 37 50 9 1

1 1
1 .



“

”

=

\

23 N 7
2006 .

2006

“

”

2-

1. " , : , "

2. : " "

3. : . .

4. " "

: . . .

=

23 N7 2006 .

\

: " * , "

(: , ,)

1.

2.

3.

4.

:

5.

6.

7.

±

.		1	500	,
		0.1	200	,
100	500			.
.			1	,
.				.
	15-99%			.

50-

60-

:

1.

i

2.

i

3.

i

4.

-

i

5.

,

i

6.

i

7.

-

8.

i

.

1.

.

2.

,

,

,

.

1-

.

2

.

-

,

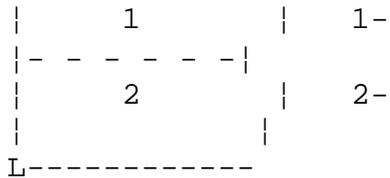
,

.

.

"

"



4-

4-

20%

50°

. / 2-5

1-
2-

o

"Olicard-40" retard
-40

-5

. 25

1

1.

-

/ , / , /

/ ,

2.

/ , .

3.

' - / ,

4.

- ,

/ / . / /

5.

.

1.
 .-.: ,1986, .64-71.
2.
 ,1989, .223-231.
3.
 . .:1977.
4.
 .-,1977,N-2, .131-134.
5. I - .,1968.
6.
 .-,1977,N-4, .111-115.

*

: "

"

- 2

:

:

- 1.
- 2.
- 3.
- 4.

1.

()

:

().

.()

2.

μ

3-4

30-50

(

)

16-18

1

" "

3(4)2, 2 4,

2- 3-
- 2 ,

() .

1. , - 1 .
2. .(, - . .)
3. .(, -)
4. - ' () ' . / ' . / " "
5. . / 195
6. / .
7. 1
8. . /10-20 ./
9. 200 ,
10. .
11. 6. / / / /
12. 7. 100 / / .
13. 2

2.

$\frac{1}{n} = \frac{1}{4} = 0,25$
 $\frac{1}{n} = \frac{1}{2} = 0,5$
 $\frac{1}{n} = \frac{1}{3} = 0,33$
 $\frac{1}{n} = \frac{1}{4} = 0,25$
 $\frac{1}{n} = \frac{1}{5} = 0,2$
 $\frac{1}{n} = \frac{1}{6} = 0,166$
 $\frac{1}{n} = \frac{1}{7} = 0,142$
 $\frac{1}{n} = \frac{1}{8} = 0,125$
 $\frac{1}{n} = \frac{1}{9} = 0,111$
 $\frac{1}{n} = \frac{1}{10} = 0,1$
 $\frac{1}{n} = \frac{1}{11} = 0,0909$
 $\frac{1}{n} = \frac{1}{12} = 0,0833$
 $\frac{1}{n} = \frac{1}{13} = 0,0769$
 $\frac{1}{n} = \frac{1}{14} = 0,0714$
 $\frac{1}{n} = \frac{1}{15} = 0,0666$
 $\frac{1}{n} = \frac{1}{16} = 0,0625$
 $\frac{1}{n} = \frac{1}{17} = 0,0588$
 $\frac{1}{n} = \frac{1}{18} = 0,0555$
 $\frac{1}{n} = \frac{1}{19} = 0,0526$
 $\frac{1}{n} = \frac{1}{20} = 0,05$

3.

(subsillismus) (19) $180^0 - 30$
 $200^0 - 20$
 () 15 ()

4.

30% - Na :
 $0,1$
 $120 - 8$

5.

1. ()
 10 %

- 1)
- 2)
- 3)
- 4)

5)

(30%)

(10%)

(50%)

0,05

()

/ . . / 2

/Na CO₃

: NaHCO₃ - 0,05

0,08

0,01

2,0

: NaHCO₃ - 0, 20

0,10

0,05

2,0

10-15

.

:

,

,

,

0,05 %

.

(

60%

)

(

)

5

(

)

(3,4%- 17%

1990

).

. . .40%

.

,

,

,

.

,

:

1.

:

:

/ :

/

:

"

"

"

".

"

"/ "

"

2.

:"

" " "

" " "

" " "

" "

1

-

0,5 - 1,5

1

-

(64-70%)

(30 - 36 %)

ex temp re

()

(, ')

3-5

() .

()

-300 : 4000 ,

1 % .

-80

N1,

-80,

: -
,
-2

-2,

XI

300

4000,
(-80)

10%

1.

(-40)

2.

3.

(-60)

(10-20%)

(70-80%)
3-4

(1-3%),

()

(N)
5-7%

20

74

6

1%

N

4-6%

(6,5-8,0)
N

N
4/13,

N

2-3%

()

-400

70

10%

-400

20

-1500

-400

1:1

-400

(Bentonitum)-

0,01

30%

g

, N ,

5. . . , . . // , 1990. -4.33-35 .
6. . .
// 1987. -2. .12-15.
7. . . // .1990 - -5.14-16.
8. . . . // . 1999 -5 . 19-
22

*

"

"

- 2

:

,

:

1. ()
2. .
3. .
.

" " - .
- ,
.

1.

: 20%
(,)
10-20%

2.

75

18-20%

10-15%

)

30%

58%

3.

(

)

4.

(

50%

).

75-80

20,3%

(
)
10,2%

) , (,
 ,
 .
 ,
 () .
 (- ,)
 . , -
 :
 . -
 .
 (,) . - : ,
 , -2 , , . . .
 .
 :
 Z 5++ 0 , 5++ 0) (5+ 0 , 5++ 0 , 5++ 0 , 5++ 0 ,
 .
 , .
 , .
 .

:
() ,

.
() _____ ,

I - ()
II -
III -

I -
:

() , , () , ,
() , , () , ,
() , , () , ,

-1
II -
III -

60 : 50 :
75 : :

() ()

5% - 30-

5%
-2, , -80
()

.. ()

- 1.
- 2.
- 3.

()

()

()

6-7

4 9 0,15
,)

(, ,)

4. . . . ,1968.- .212-220.
5. . . . ,1979.- 18-65.

.-

“

”

2006 = 23 = N 7

-2006

“ ”

1.“ 3- : ”
2.“ .+ = ”
3.“ = = ” .

4. = ” .
: - . . .

= 2006 23 = N 7

-2006
-1

: " " .
- 2 .

: ,
.

1. ,
2. .
3. , , ,

2006

-
-
-
-

/

/,

:

;

;

;

.

.

()

,

,

-

,

,

,

,

.

-

.

,

,

.

.

:

1.

(

);

2.

;

3.

.

-

.

,

.

2-

:

1.

.

2.

.

,

.

.

-

/

/,

,

,

-

,

,

/

l.

()

.

/

/,

,

/ / . ,

:"Str ptodecasum pro injectionibus"-1-

. / / /

/ 8,7/ 1

(- - N-) 1 4 (4)

() , ()

(10 -1500000 1000000)
20-50

1-
48-72

() .

(3-4)

) (, - ,

) (, 6 - 10

()

).

(

14 - 15

2%

. 1

1,5





1961

Sekugushi

Obi

?

/

()

()

/

()



;

■ (- 1500) 4,5
45 100%
- 22,1%

■ ;
2 ;

■ (-4000) 8,4

■ ; () 5

2.

./ / , / -

./ , , ./

./ ,

./ (: -3:1).

5%.

7

-

1:1 1:2

()

1.

- 2.
- 3.
- 4.
- 1.

)² (

- 2.

()-

- 3.

200

-
- ;
-
1. - :

/ /

2 achibana

3. 3-

/ 10% / Chiou
- ()

1.

// . . .-2001.-11.- 21-25

2.

, // .-1999.2.- .20-22

3.

1500// .-1999.2.- .18-20

- 4.
- 5. -1980.-N4.
- 6. -1991.- .2
- // . -1981, N2, - .65-68.
- 7.
- // 1998, N-1, .54-56.
- 8.
- .// . -1987.-2, .16-18.
- 9. , 2002.- .2.-761

-2

:" "

-2

:

:

- 1. , ,
- 2. .
- 3. .

4.

2006

R,

(SO₄ ,NH₂ , OH , COOH)

()

(- 2-)

100

(2-10)

2-

1. ()
2. ()

3. ()

4.

1971 ()
)

1.

2.

3.

4.

1.

2.

2

“ ”

(

).

().

()

)

()

200

90

(1-10 /).

() “ ”

:

(48),

(7:1)

.(,).

().

5-6

- , (,) ;

- " " () ;

- " " " (/) ;

- " " () " () ;

- : , () ;

- " " () " " ;

- (,) ;

- ;

- ;

- ;

) , ((-193).

4 15

()

10%

0,5 %

10

- ■
- ■

"Ziposomal

- Comp"() ;
- "Ziposome Technogy Inc () ;
- "Vestar" ;
- " n "

1. . . . , 2002.- .2.-
- 761 .
2. . . .
- .-1991.- .2- .12-14.
3. . . .
- 1989, .2, .-
4. . . .

.1985.

5. . . , . . , -
// .- 1993.-N6.- . 22-25.

6. -
// .-1993.-N6.- .45-47

7. . . , -
// - . . - 1992.- N6.- .4-8.

8. . . , -
// .

.- 1991.- N3.- .68-71.

9. . . .
// - . .1998.-5.- .9-15

-3

:“ + , + ” .

= = : = -2 = = ()

,

= .

:

1. = , .

2. () , .

3. () , , -

.

2006

1. = , . =

= : =

1- ;

2- () .

1- , =

= - \ =

2.- = =

() =

. = = . =

= = = =

1. = ;

2. = ;

3. = ;

4. = " " ;

= .

= =

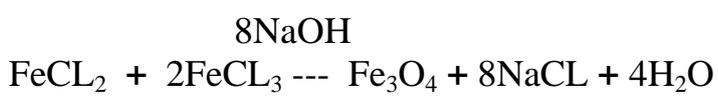
- ;

- , = ;
 -
 = .
 \ = . = = = =
 = \ = ; ;
 , \ = ;
 = \ = ;
 = \ (= ; ,
 =) = ;
 ;
 ;
 (=) , ;
 , “ ” -
 , - = .
 (=)- ,
 = .

2.

().

-SmCo₅, SmCo₁₇ - Fe,
 Fe₂O₃ = , -
 =



= = . =

(). = , =

1980

= = : 2-2, 2-1. =

- Ba Fe₁₂O₁₉

-SmCo₅

" " " " " " " " " "

= : =, =, = =.

1. = : ,
2. ; = : , ,
3. ;
4. .

1. :
2. " " " =

: , ,

= = , \ , ,

= .

= - = .
 = , 2% , =
 = . = =
 = . = , =
 = . =
 = ()
 :
 (15%) , 9,9% , 37,5%
 = 37,5% .
 = = =
 :
 1. FeSO₄ (150) FeCl₃
 NH₄OH = . Fe₃O₄
 .1
 = = , 30 = =
 = = - , = 100 = =
 = \ . = = = ,
 = = - = = = - ,
 = = \ , = = =
 \ = , = , = .
 = = = = .
 \ = = = =
 = () :
 , () = ,
 ,

7. -
// -1992-7. .84-88.
8. . . ,
//
.-1986.-3.- .31-36.
9. , 2002.- .2.-
761 .

：“

。

”

1.

，

，

，

。

2.

。

。

3.

。

，

，

4.

。

。

。

，

5.

，

。

。

1.

，

，

，

。

) - ;
) (12 , 22
);
) (-15-18
40-60 ,
);

, .
, (,
) ,
,
(8

).
2. :
) - ;
) ;

, , ,
;
) (-74,7% ,
61,5 %).

3.)
,
;
) ,
-
.
.
5 4
, 26 .
(
, -);
) ;
) 30-40%
(50%
)
().
().

4.

. , , ,
.

5.

6. (7-8)

7.

5

1

2-

1. -

2. ,

2-

(-) :

()

:

1	- 1,8
1 - 6	- 1,6
6 - 10	- 1,4
10 - 14	- 1,2

:

1	10
---	----

0,5

1

(70)

:

0,5 : 70 = 0,0071

(1,8)

1

:

0,0071 1,8 = 0,01278

10

: 0,01278 10 = 0,1278 .

()

3.

,

.

.

:

,

,

,

.

—

.

:

.

—

,

.

,

,

.

:

—

,

.

.

.

,

,

—

,

,

.

:

,

.

.

7-8

()

1.

2.

3.

1 -

2 -

3-

1.

)

)

)

2.

)

3.

4.

5.

6.

- 2
- 1.
- 2.

(,).

5.

. . . .

19

(
)

:
5% (-5,0;
-2,0; -73; - 0,1; -20)

1%, 2%, 3% ;

1%, 2%, 3% ;

5% ;

0,5% .

∴

5% .

" " " " " " , ,
" " , .

-

.

:

.

-

, (100

, "

.. 1 10);

.

,

,

.

,

,

.

1,0; 2,0;6,0,

,

,

20,40,80

.

. 1

12,4

..

5

+4

-14

, 20

- 8

.

.

.

,

,

,

,

,

,

,

,

,

.

.

..

.

:

1.

;

2.

.

.

.

,

,

,

,

,

,

-

,

,

,

ex tempore

4

14

20

8

/ + +

“

”

23 N 7
2006 . = \

2006

“ ”

1. “+ = ”
2. “ ” .
3. “ ” =

4. “

, = ”

:

= \

23 N 7
2006 .

-2006

(: “ ,)”

- 2

(: ,) ,

1. : -

2. . 7,8 9-

3. .

4. .

5. .

6. .

- 1. Aurum metallicum 30 trit.
K 2 ()
- 2. Calendula 3X gran.
5-7
- 3. Calcarea carbonica 3 - 0,2 g tabul.
2
- 4. Hamomilla 1X gutt.
5-6

(Triturationes) - ()

0152-04 7, 8, 9

____** () - (C₁₂H₂₄O₁₂)

0,16 (1,0) 1,52 / 3 (

0,05 1:100 1:10

7-

(Pulvis longe subtilissimus: 65

65)

(60)

(40-50°)

(1-9,0):) - 1,0 (1 9,9);

- 0,1 (1)

: 1

, 6

, 4

: 6

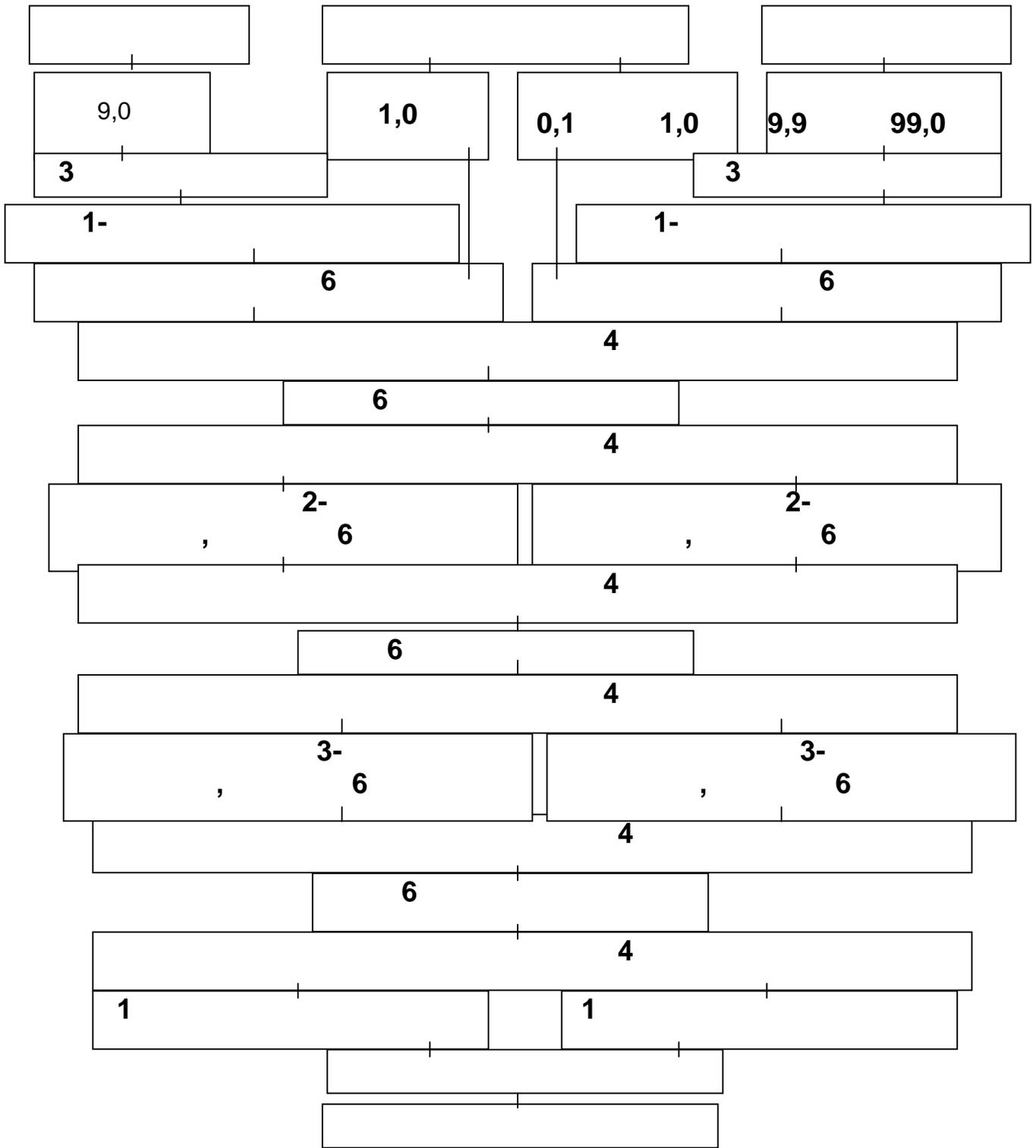
4

). $\frac{1}{3}$) 10 - 20
 $\frac{2}{4}$ 6
 $\frac{1}{3}$) 10 . ((- 20
 , 40).
 3
 $\frac{2}{1/3}$) 10 . ((20
 , 60).
 1 (1D) 1 C (1)
 (- 2) , 3 ! 3 , 2
 - 30 30

l. .

7-

1-



“”
 - 4 (1:10000) 2 (1:10000),
 2 4
 ?
 (,), , ,

1. 1. Aurum metallicum 1 10,0 g

K 2 ()

7- 2

1 :
 : 0,1
 9,9

 10,0

7- (1

2 :
 : 1 1,0
 9,0

 10,0

7- (1
 2 1

Aurum metallicum 1 (2)10,0 g trit. K 2 () : 10.10.05 .101005 10.10.05

8-

8-

7-

1

2 1

1,0

99,0

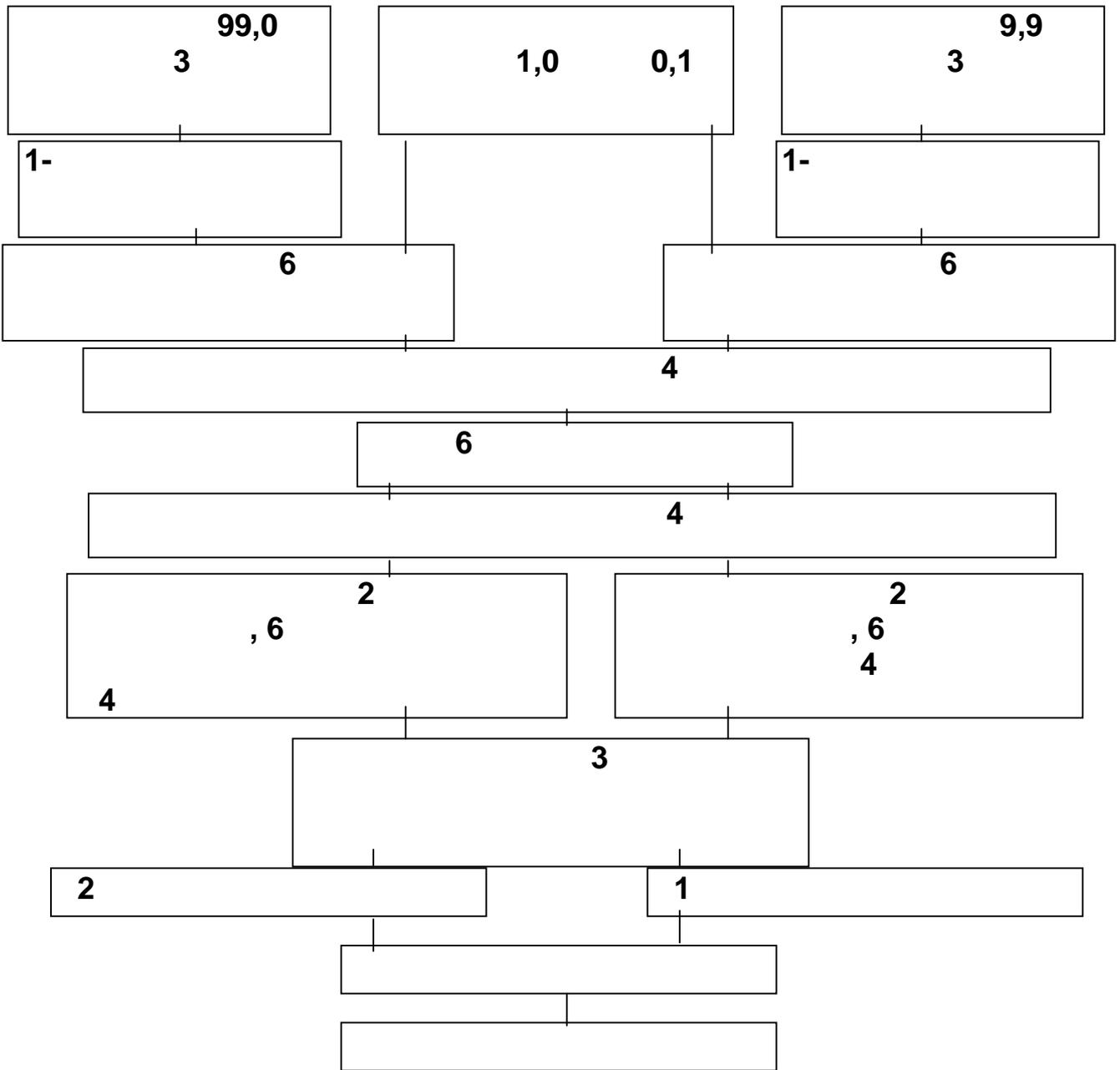
1 2

2 (0,1)

- 3-4 (0,1) ,
9,9 .

2-

II. 8



1. Acidum sulfuricum 1 10,0 g

:
: 0,1 (2)
9,9
10,0
: -20 9,9
1/3
1,0 = 20) 2 (0,1 ,

7-
:1 10,0 1 2

1. Acidum sulfuricum 1 (2)10,0 g trit.
: 10.10.05 .101005 10.10.05

1. Lachesis 3 10,0 g

: 2 1,0
9,0

10,0
: 2 1,0 9,0
7- 3 (1

Lachesis 3 10,0 g trit.
K
: 10.10.05 .101005 10.10.05

9-
9-
:)1 2-
2 99 7-
(1 2
1:2 , 2 +99 =101
)3-

1. Ruta 2 20,0 g

3
: 1 0,2 (6)
19,8
20,0

: 19,8

60%

1/3
6

(0,2) Ruta graveolens
(1,0 = 32),
7-

1/3

20-30

20,0

(2 1) .

Ruta 2 20,0 g trit.
K 3
: 10.10.05 .101005 10.10.05

1. Phosphorus 7X 10,0 g

1 1 4 999 90%
5 60% ; 6
45% 8-

(3)

79

2/3

20

90%

(4)

99

45%

(5)

, 99

45%

()

()

()

1-

1-

-	1,0		,
1	470-530	0,1	1,4
2	220-280	0,2	1,7
3	110-130	0,4	2,2
4	70-90	0,6	2,5
5	40-50	1	3,0
6	22-28	2	3,7
7	10	5	5,0
8	5	10	6,3
9	3	15	7,4
10	2	25	8,5

(, 1)

4- 5-

70% 3
1:1

70% 1 , 1 10,0 10,0
3

1) (: 1)

10 2) () 3-4
1,5-2

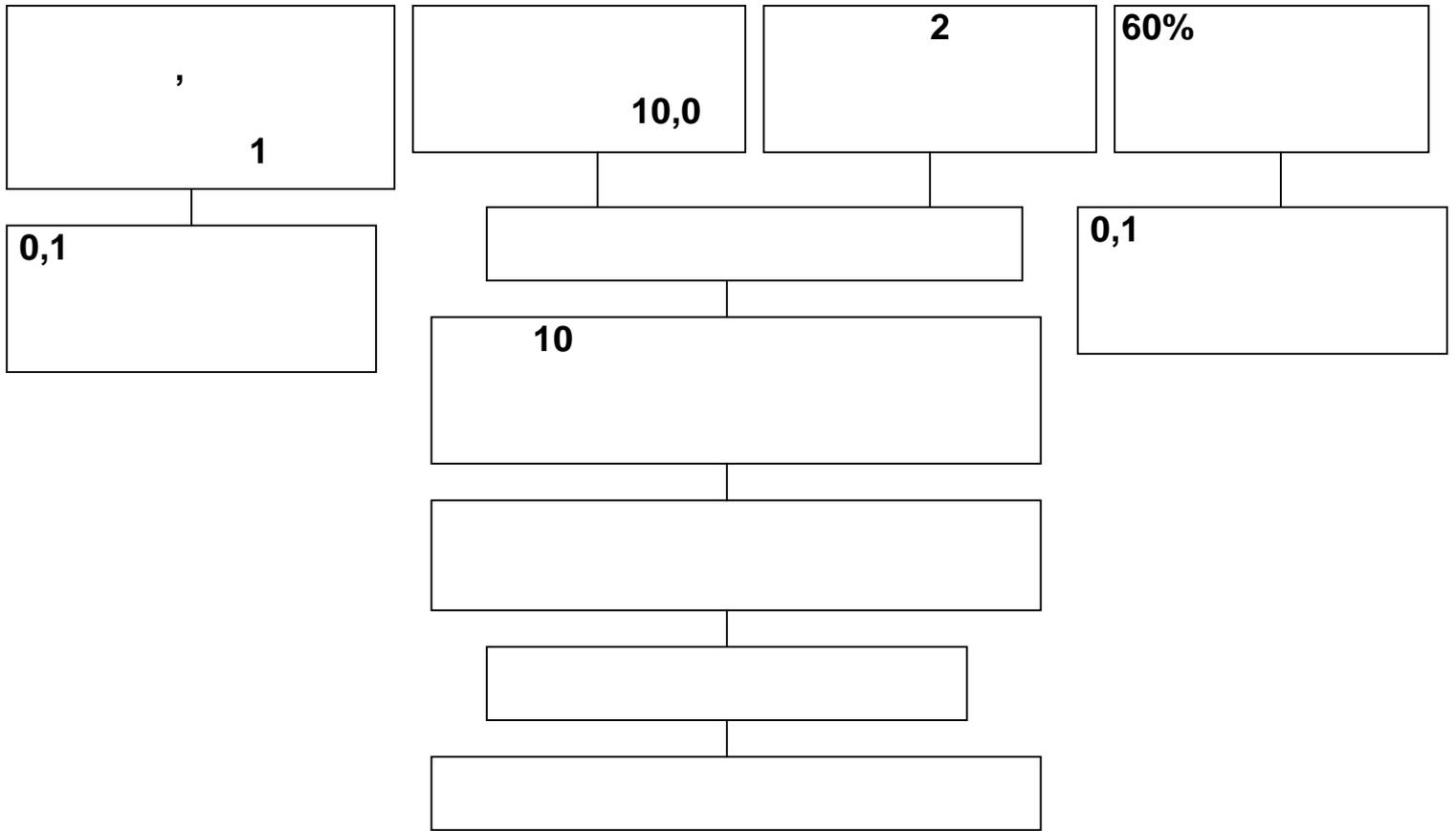
(, 5-), 1,5 2
100,0 70% 1,0
(3 (1:1))

70% () , 10
3-4

64%

(!)

IV.



,
 .
 ,
 .
 -
 ,
 .
 1%
 .
 0,1 0,25
 .
 -
 ,
 .
 :
 .

(5-)

- 25 -8, - 15 , 50

) 20-25 (75-205

1 , 2 , 3

- 1 (10%) ±5%
- 2 (1%) ±5%
- 3 (0,1%) ±10%

- 5,0

2-

	, %
0,1	±15
0,1 0,3	±10
0,3 1,0	±5
1,0 10,0	±3
10 100	±3
100 250	±2
250	±0,3

: 2,0±0,01

5,0±0,01 1%

10,0 50 37° 100 1-2
 5
 1 10% 5,0
 3-

	, %
1	±5
1,0 100,0	±3

1 2 154
 1 -3
 (0.001) 15%

(, 1 , 2 3 ,

) (.

, 5 ,
 ! 10-25°
 , 2 .

() .

; -

:"

• • "

-2 .

± ± :

, ,

.

:

1.

,

,

2.

.

.

3.

.

4.

.

5.

6.

,

.

7.

.

8.

.

()

()

:

- 1.
- 2.
- 3.
- 4.

- 1.
- 2.
- 3.

- :
- :
- :
- :

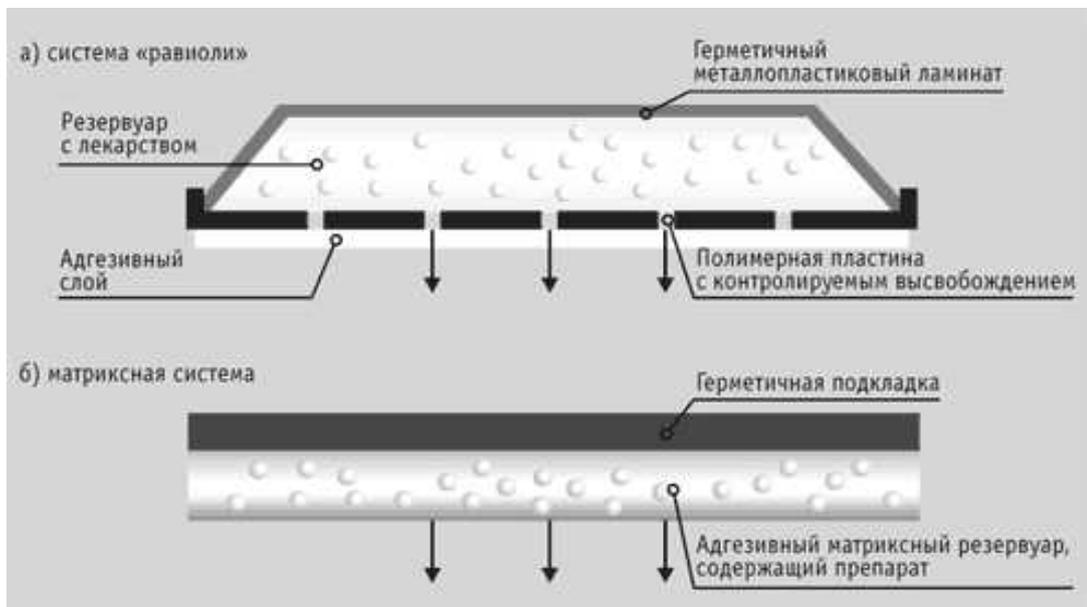


Рис. 1. Структура ТТС:
 А — мембранный, Б — матричный, 1 — микропористая мембрана, 2 — теплопроводящая мембрана для ЛР резервуара; 3 — дисперсия ЛР в адгезивном слое; 4 — полимерная матрица с ЛР, 5 — адгезивный край, 6 — пластина, яка утримує матрицю, 7 — герметичне покриття для ЛР пластичного резервуара

- :
- ;
- ;
- :

800-1000

.3000

1.

" -V" (" - "),

, (-).

2,

0,2

2,5 5,0

3

55-60 /

3

1,5

5
10

2.

10 20

8-20

" "

7

" -20" " -40",

4

(),	
,	

, , , , - , - , , , ,	-" -" -" -" -" -" -" -"
---	--

μ

" "

250-300

10 / 18

85

- 1.
- 2.

NaCL

:" " -2 , , .

1. - :

2. , .

3. .

4. , (, , ,)

5. , (, ,)

6. .

2. $\frac{50}{300}$, 1 $\frac{1}{2}$ (2-3) 7-10
 3. 20, 100, 3 20
 4. 30 5, 35 2%, 20
 1 () : 40-50⁰ (2) 15-16⁰ 1,5- 2
 :

(, - 0.5 - 50.0 , 200.0).

- 1.
- 2.
- 3.

0,5 - 50,0

()

Rp: Pulveris folii Digitalis 4.0
 Natrii chloridi 4.0
 Natrii nitrici 6.0
 Fructis Juniperi pulverati 10.0
 Farine Secaline
 Pulveris Glycyrrhizae ana 12.0
 Ut fiant bolii N 4
 D.S.

(9:1)

Rp: Extracti Nucis Vomicae 0.5
 Sacchari albi
 Sacchari lactis ana 2.0
 Farina triticae q.s.
 Ut fiant granulae N 100
 D.S.

1/3

1/2 -

" " " "

: Rp.: Extracti Filicis maris 5.0
Rhizomatis Filicis maris pulverati
Farinae secaline ana 25.0
Glucosi spissi q.s. ()
M.f.electarium 100.0
D.S. ° 1

:

(1:1)

100,0

1. (- 1 ,, - 3). - 1
2. (- 3 ,, - 1
3. - 1).
420 ,, - 10 ,, - 2 ,, - 2 ,, - 40 ,, - 1 ,,
- 25).
4. - (° - 1 ,, - 20 ,,
- 80 ,, - 208 ,, - 12).

1.

1960

,) (,

60

(

, , , - -

1960

, " " (5).

1940

- : - , -

2

- , . . . (, ,

)

-

.

.

.

.

,

.

.

:

.

-

)

(

-

,

,

.

.

.

,

..

..

..

.

2.

,

,

.

,

(,) -

-

(,

-

,

).

.

-

-

,

,

,

(

)

1974

"

17-

"

, 1983

in vitro

in vivo

(

)

;

()

(%)

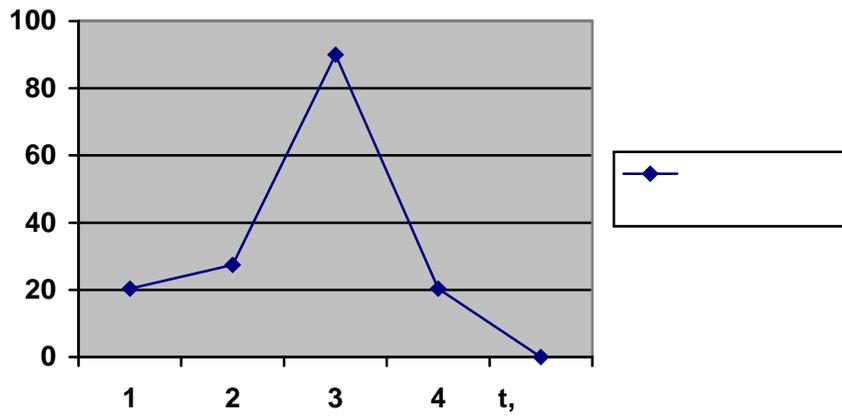
= ----- 100,

, %.

, / .

, / .

, %



3.

[1, 2, 3, 4].

0

-400 o

[6,7,8].

-400

[9, 2].

, 90%

. 100

16%

100%

, 250

. /10/

/11, 12/.

/13, 14/.

. /15/.

1974

17-
in vitro

. /16/

/

/ -

;

/

/

- in vitro

. In vitro

"

"

"

"

"

"

I

in vitro in vivo

in vitro

In vitro in vivo

- 1.
- 2.

1.

60

in vivo in vitro

1

-
-

:

/

/

2 0-

1-

2-

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

in vitro

in vitro

in vivo

in vivo

/ 1

/

3

30

1-2

2.

60-

/ 2. 0.

60-

I.Levy

1960

"

"

"

/

/

2

:

in vitro-

in vitro

in vivo

/

/

40

2-

. = ----- .100%

1- 1

2-

.6-7

/ ,

2-

3-

4-

0,03

1-

10 20%

, / ' /.

3.

2 :in vitro in vivo .

/ - :
/ - :
/ :
/ :

:
/ -
: -4 1
/ -
/ :
/

in vivo in vitro

in vitro

in vitro

1- : -

2- : /
/.

in vivo

in vitro

in vivo

1. . / 100 /

.
./
/.

2. .

4.

/ . " SARTORIUS " /

3

37

6