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665.335.664.1.

05.18.06-“ - , ”

-2012

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"Prime Sopone"

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" _____ " 2012 " _____ "

.067.24.03.

- : 100011, . , . ,32,
(8-371)244-79-21, (8-371)244-79-17.

100011, . , . ,32. :

" _____ " 2012

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2005-2015

-5 «



18 (65 %)

— (6 %).

12

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"Prime sopone"

12,7

(, 2009 , . , 2009-2010 , , 2011 .) , 2009 ,
 (, 2009-2011 . , , 2008-2011 .) -
 , (2011 .), -

(, 2008-2012 .).

7 , 3 13 , 3 ,
 , () ,
 , 105

6

, 19 , 21 .
155

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2.

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(. 1-4)

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() 5.



RCNO

, %	0,10
, %	0,10
, ⁰	26
, % J ₂	32-45
, . /	245-265
, ,	,
, ,	500
	0

(PS 482)

, %	0,10
, %	0,10
, ⁰	48-52
, % , J ₂	32-45
, % SO ₂	1,0
, . .	3,5
, ⁰	
20	45-65
25	35-58
30	24-45
35	20-35
40	16-27

(R O)

, %	0,10
, %	0,10
, ⁰	30
, %, J ₂	19,0
, . .	1,5
, . /	230-250
, ,	,
,	500
	0

IV 65

, %	0,15
, %	0,10
, ⁰	12,0
, %, J ₂	65
, . .	3,5
, ⁰	3,05
: ,	,
,	500
	0

	R- 6 4SO ₃ H, R
	= 12 25 - 14 29
, %	96 + 0,5
, %;	0,5 — 1,0
, %;	2,5 ± 0,5
, %;	1,0 ± 0,5
, / ;	318 – 326
p , (1 % 25 °C):	1 – 2
, °C;	100
(25 °C), / ³ ;	1,05
(25 °C), · ;	2000

6.

(.7).

[],

(.1) ,

60...70 %

			“ ”	“ ”
1	(R O+ Palm Olein IV 65), %	38	39	68
2	(RBD PALM STEARIN), %	10	10	10
3	(RCNO), %	20	20	20
4		30	30	-
5	(+ SDS), %	0,05	0,05	0,05
6	, %	0,05	0,05	0,05
7	, %	1	1	1
8	, %	0,000025	0,000025	0,000025
9	, %	-	0,1-0,3	
10	, %	-	0,1-0,3	-
11	, %	1	-	1
12	, %	0,5	0,5	0,5

		1 ,		
		()	()	()
	-	-	24	-
-	-	-	-	40
	« »			
	-	25	8	-
-	-	17	-	67
	« »			
	-	20	-	-
	« »			

: 40 % 40% 20%	,
()	
, %	0,3-0,6
, %	0,05
, %	2
, %	11-14
, %	78-81

: 45 % 45% 10%	,
()	
, %	0,5-0,65
, %	0,1
, %	2
, %	16
, %	75

1	"My Dream" 125
2	"My Dream" 90
3	"My Dream" 100
4	"My Dream" 100

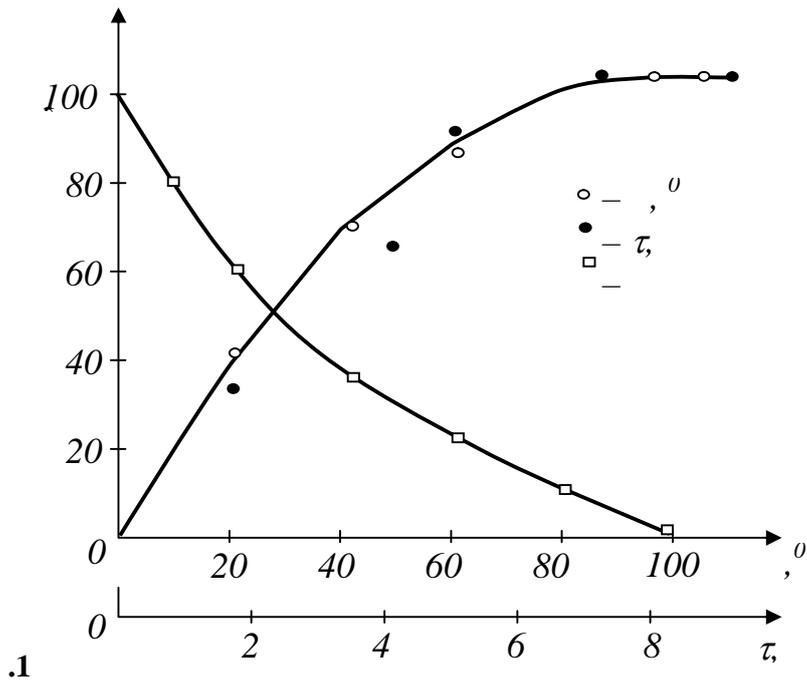
.1

100⁰

8 .

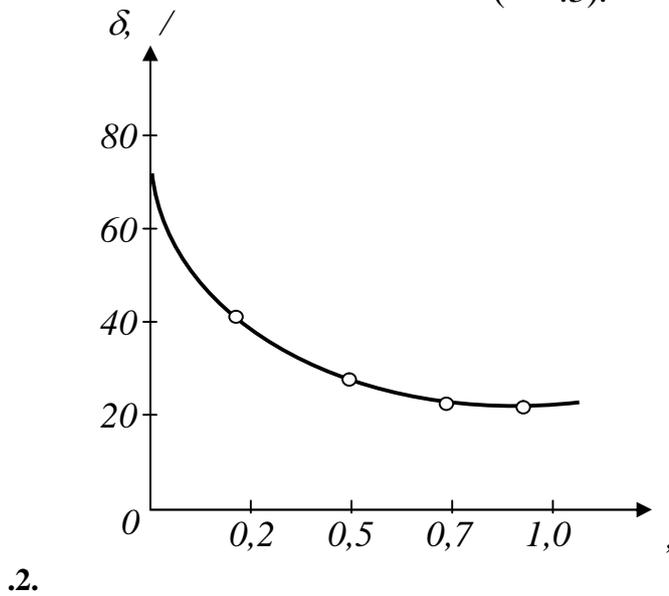
—

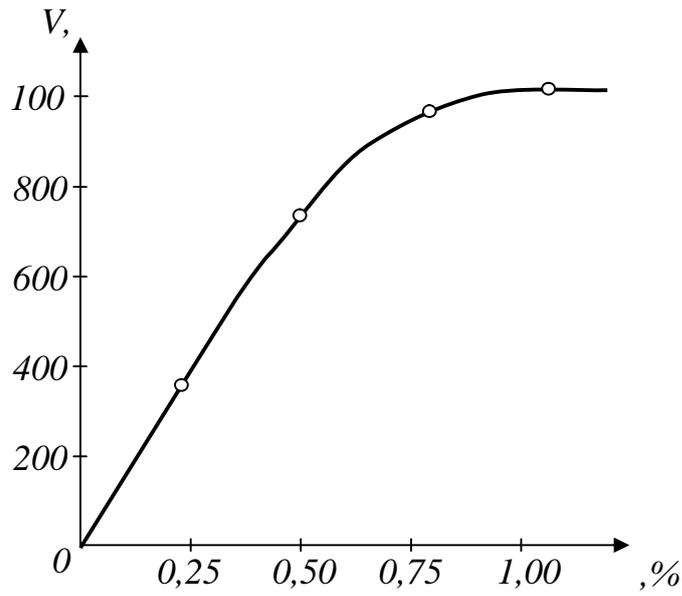




.2 (δ)
 $0,75 \delta = 22 / ,$

(.3).





.3.

«Prime Sopone»

70⁻¹

48-50 %,

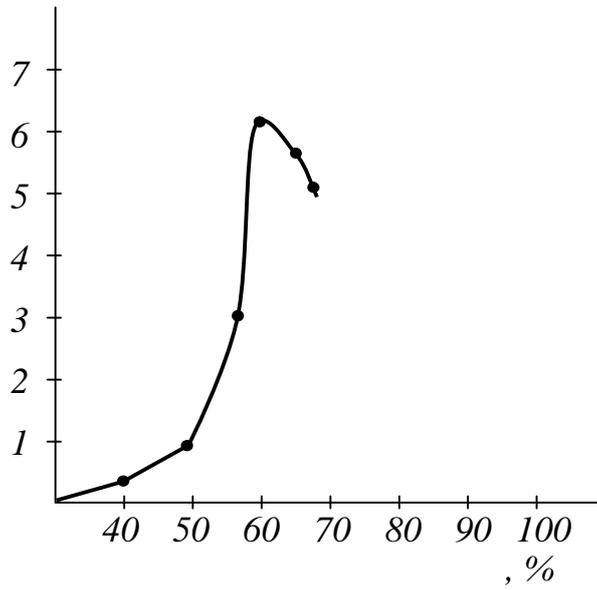
8-10

0

(. 4),

15

60 %.



.4.

.11

11

	, %					-
	, %	,	-	,		
	75	0,35	0,70	-	60	300
	75	0,40	0,70	2	60	310

«Prime Sopone».

16

15-20 / .

.6 12

12

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«Prime sopone».

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1.

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2.

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17



3.

4.

5.

(10 / 3.)
50-70 %.

60 100⁰

12,2 / 28,3 /

6.

() .

14-35 0,4-0,8

50⁻¹.

7.

12⁻ 18 (65 %)

— (6 %).

16 %

420 /

8.

5 %

290-390 /

(20-40 /)

6,9-11,3 %.



(1 %)

50-80 /
5 %

9. 460 .

10. - "Prime

Sopone"

11. 12,7 .

12.

1. //

2. . - 2010. - 3. - .21-23 .
. //

3. , 2011. 3.- . 32-34.
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3, .2.- .125-127. , 2009.-

4. // 9-
" -2009"-

5. , 2009.- .92-93.
. //

2010"- . 10- " -
, 2010.- .112.

6. //
 . , 2009.- .278-279.
7.
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8. . . . , 2010.- .141-143

 //
9. . . . , 2009.- . 117-118.

 //
- , 2010.- .118
10. Saidvaliyev S.S., Mazhidov K.H., Rahimov M.N. // Manufacture of toilet soaps with the additive of biologically active substances 3 th International simpozium.- Turkey, 2010, Istanbul.- P.121.
11.
 //
- XI- « ».- ,
 2011.- . 176-177
12.
 //
- 2011.- . 259-260.
13. Saidvaliyev S.S., Raximov A.M., Majidov K.X., Raximov M.N. In creasing the quality of cereals and cereals products with usage of concentrate from blossoms of rose // 9 th international Symposium on the Chemistry of Natural Compounds, Urumchi China, 19-21 October, 2011. P.72.

05.18.06 -"

"Prime Sopone"



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05.18.06 -"

"Prime Sopone"

R E Z U M E

Thesis of Saidaliev Saidazim Saidamirkhanovich on the subject "**Development in the field of improvement quality and widening assortment of toilet soap**", presented on the scientific competition of the candidate of technical science on specialty 05.18.06 Technology of fats, essential oil and perfumery-cosmetic products".

Keywords: Methods of production of toilet soap, raw sources, quality and assortment of products, packing of articles.

Objects of research: Toilet soap of different kind and composition, local and not traditional raw, dye and aromatic substances, ecologically pure chemical additives.

The purpose of the work: Improvement of quality and increasing of assortment of toilet soaps, for this purpose ensuring of rational and effective use of the local and non traditional raw, the scientific and theoretic motivation of the role and value of the raw material in forming and the quality of and composition of finished goods.

Methods of research: For the analysis and a quality estimation, the physical and chemical characteristic and finished toilet soaps up today physical, chemical, physical-chemical methods of research.

The received results and their novelty: for improvement of quality and widening of assortment of toilet soaps new kinds of raw sources were chosen rationally and effectively, motivated the role of and value of raw sources at forming the quality of detergents and toilet soaps, new technological methods of production of toilet soaps were developed for the first time, scientifically based technological lines for quality improvement and increasing assortment of toilet soaps were selected, ecologically pure technologies were created at production of detergents.

Practical value: New scientifically motivated technological methods and process for production of toilet soaps were developed, optimal technical modes were established, which ensure improvement of quality of detergents and toilet soaps, increasing of assortment of toilet soaps were reached on the basis of use of new kinds of raw sources, fundamentally new methods of packing of different kinds of raw sources were proposed;

The degree of introduction and economic efficiency: Results of new scientifically - technological workings out industrial tests were passed and skilled in industrial conditions of "Prime Sopone" FFE LLC at production of wide rank assortment of toilet soaps of high quality.

Field of application: Fat-and-oil industry, technology of processing of soap making.

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1 . . . 100 . N 56

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