

... , 1971. – 104 . 7. ...  
... : “ ”, 2004. – 20 .

18.09.06

634.7:577.164.2;547.631.4

• • , • • , ,  
• • , , ,  
• • , , ,

**L-**

L-

The article deals with the natural changes in the process of wild berries chopping, direct ferment oxidizing of L-ascorbic acid and phenol combinations. It is shown that blanching of berries before chopping only partially stops the ferment oxidizing process. This proved the necessity of finding new methods of wild raw material processing in order to inactivate ferments.

... , 10...12 %.  
... [1, 3].  
... ,  
... [2].

, , . .) -  
 , , . . [4]. , -  
 , -  
 , -  
 , L- , , -  
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 , -  
 ( , , ). -  
 0,5...1,0 -  
 (+18...+22 ) 20 . -  
 L- - -  
 . 1 2.

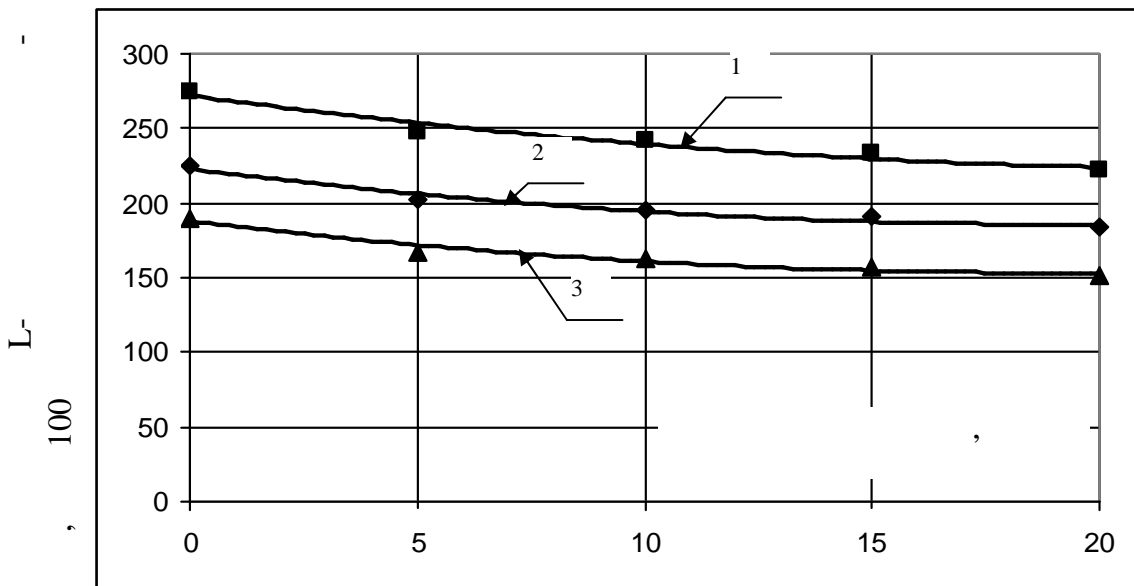
L-

-

|    | L-  |     |     | ( =400 ) |      |      |
|----|-----|-----|-----|----------|------|------|
|    | 100 | % - | % - | ., -     | % -  | % -  |
|    | -   | -   | -   |          |      |      |
|    | 190 | 100 | -   | 0,28     | 100  | -    |
| 5  | 167 | 88  | 12  | 0,3      | 91   | 9    |
| 10 | 163 | 86  | 15  | 0,34     | 89   | 11   |
| 15 | 157 | 83  | 17  | 0,38     | 85   | 15   |
| 20 | 152 | 80  | 20  | 0,41     | 79,7 | 20,3 |
|    | 275 | 100 | -   | 0,7      | 100  | -    |
| 5  | 247 | 90  | 10  | 0,73     | 94   | 6    |
| 10 | 242 | 8   | 12  | 0,75     | 93,3 | 6,7  |

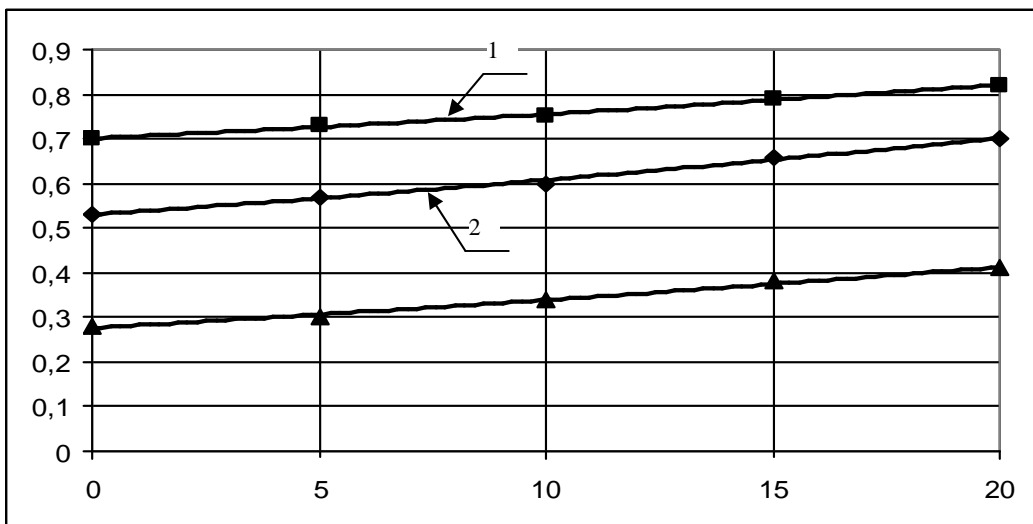
|    |     |     |    |      |     |    |
|----|-----|-----|----|------|-----|----|
| 15 | 233 | 85  | 15 | 0,79 | 87  | 13 |
| 20 | 222 | 81  | 19 | 0,82 | 81  | 19 |
|    | 225 | 100 | –  | 0,53 | 100 | –  |
| 5  | 202 | 90  | 10 | 0,57 | 94  | 6  |
| 10 | 195 | 87  | 13 | 0,6  | 93  | 7  |
| 15 | 191 | 85  | 15 | 0,66 | 86  | 14 |
| 20 | 184 | 82  | 18 | 0,7  | 81  | 19 |

10 , L- 12...15 %, 20 – 18...20 %  
 – 6,7...11,0 %  
 18,0...20,3 % ( . 1 2) , -



. 1. L- 20 , 1 –  
 , 2 – , 3 –

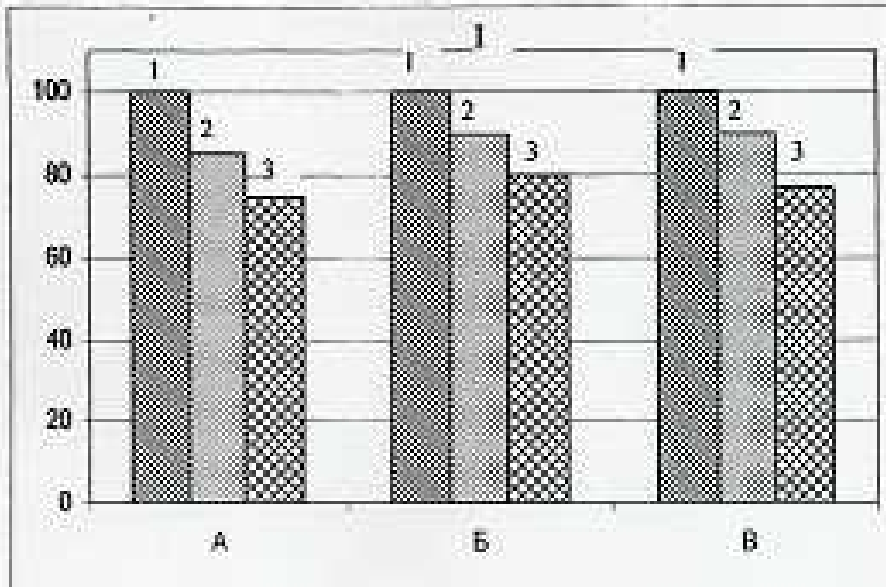
( =400 ) ,



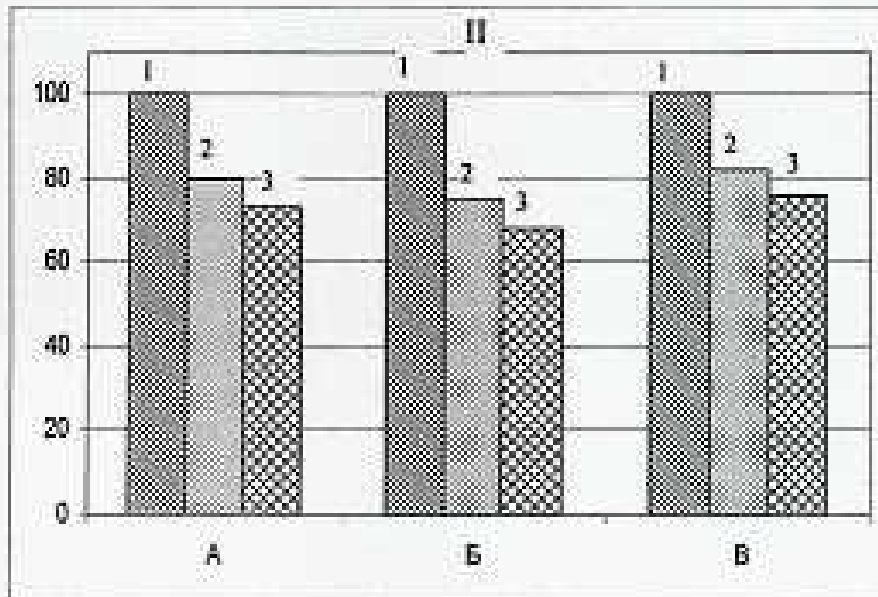


.2. — 20 ,  
1 – , 2 – , 3 – .  
(  
,  
,  
) L- -  
3- 10...15 %, 5- 20...25 % -  
, L-  
5- 25...32 % ( 3. 3. ). 3- 18...25 %, -

Масова частка L-аскорбінової кислоти, мг в 100 г до сухої речовини



Масова частка антоціанів, % до сухої речовини



.3. L- ( ) ( ) -  
 , - , - ;1- ,2- -  
 3- ,3- 5- -  
 , -  
 , . , -  
 . -  
 , -  
 , : ( -  
 ), ( , ), , -  
 , :  
 , , -  
 , , [5].  
 , - ,

: 1. . . . . - :  
 , 1991. - 168 . 2. // .  
 .- . ” - . 208-210. 3. . . . , , -  
 : . - : , 1993. - 208 . 4. -  
 / . . , . . - : , 1986.  
 - 494 . 5. . . . . - :  
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25.09.06.