

... , . . (« ») , , , : , ; , . , , : , , .

Microbiological method to treat effluents from hexamethylenediamine based on the use of chosen bacterial cultures, microbiological treatment plant, and bioconveyer is justified.

Key words: microbiological method, hexamethylenediamine, plant, bioconveyer.

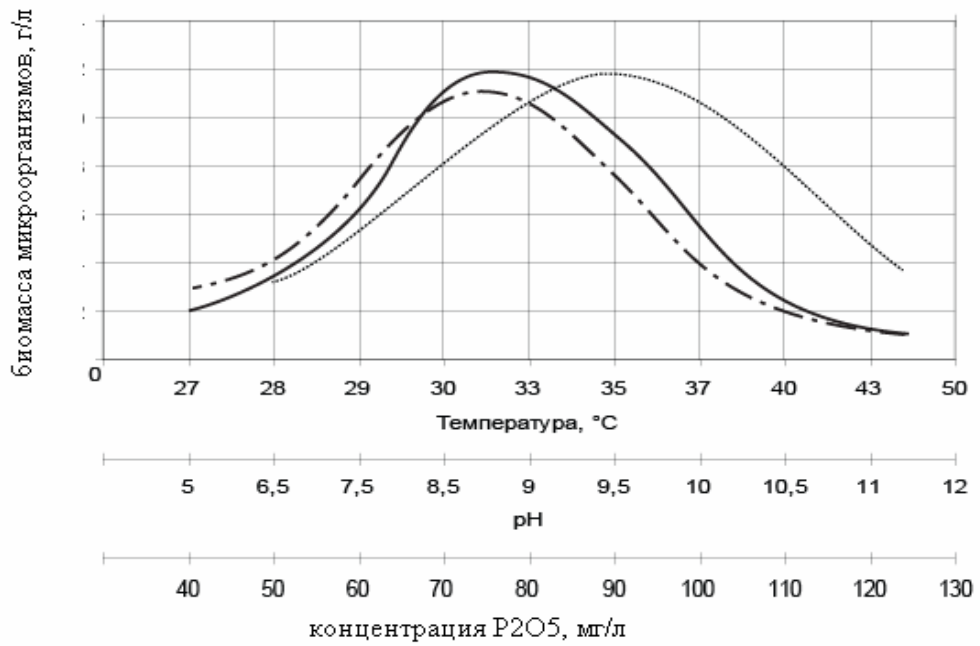
. (1,6- ,) , , (II ,), - , [1].

1³ , (200²) , (- -), (1:10), [2].

60...80 ° (4 /),
 () ,
 -
 9 10 %- +30 °
 .
 -
 .
 (50...100 ³/).
 (2500 / 100 /).
 15 / .
 -
 ,
 .
 (), -
 .
 1-4 /
 1,5 / ,
 99,93 %.
 50 , , -
 .

	, /	, /	, /	, /	, %
1	2,80	0,0010	2,54	0,0015	99,93
2	3,20	0,0024			
3	1,05	0,0021			
4	4,10	0,0016			
5	4,00	0,0012			
6	2,20	0,0017			
7	1,80	0,0015			
8	2,10	0,0010			
9	3,00	0,0007			
10	1,10	0,0014			

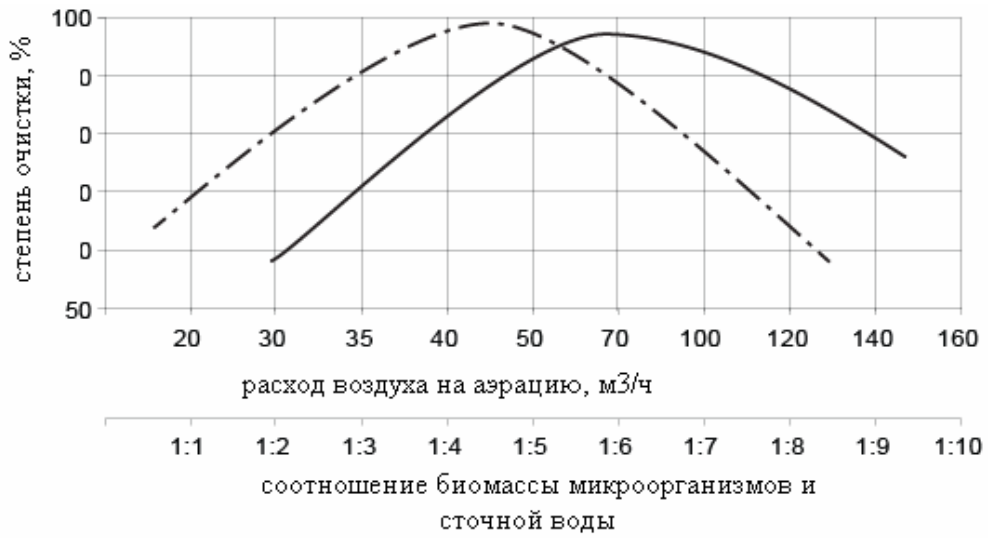
P_2O_5 , , р ,
 ,
 (3-),
 (. 2, 3).
 [3, 4].
 (-2°)
 ,
 30...33 ° , (. 2).



. 2. , pH, P_2O_5
 р P_2O_5 (. . 2).
 8,5...9, P_2O_5 – 80...100 / .

50...100 м³/ч.

1:4...1:5 (рис. 3).



3.

[5].

2...3
100...1000

1. Saccharomyces cerevisial, species 125 Bacillus subtilis 21/3, Arthrobacter

2. 30...33 ° , p 8,5...9,0, (P₂O₅) -

(P₂O₅). 80...100 / . 50...100 ^{3/} , - 1:4...1:5.

3.

1. : . . - , 2006. - . 227.
2. / . . . // . - : , 2012. - . 12-17.
3. / . . // : , 1998. - 268 .
4. - / . . , - : , 2000. - 552 .
5. / . . // , 2003. - 3 - . 29-36.

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