661.566/567:532.529

 HNO_3 , The investigation of the process of nitrogen oxides absorption with HNO₃ solutions under conditions of hydrodynamic cavitation is carried on. The possibility of the use of this process for the intensification of absorption process as for nitric acid production is shown. NO_X). 2,

- ,

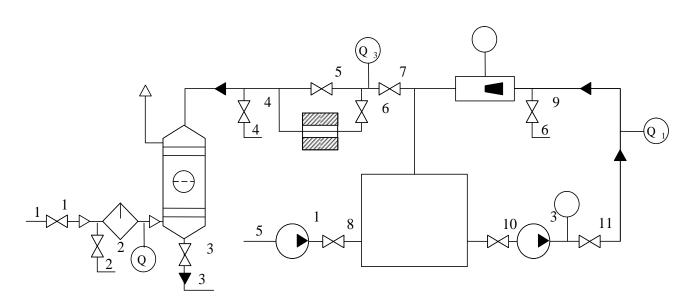
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 HNO_3 (1-2 .°), 1. 3 11 10

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- ; 1- 11- ; - ; - ; 1, 3- ; - ; :1- ; 2- ; 3- ; 4- ; 6-

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			0/					
t, C	, %			/	HNO	HNO	HNO	$\Delta C_{\mathrm{HNO}_3}$,
	NO_2	NO		,	% .	, % .	, % .	% .
13	6,1	1,8	7,9	10/2	0,25	0,81	1,18	0,37
13	6,0	1,9	7,9	10/2	19,61	20,30	22,14	1,84
20	5,9	2,0	7,9	30/2	1,10	3,16	5,50	2,34
22	6,1	1,8	7,9	20/2	1,10	2,55	3,33	0,78
20	6,1	1,8	7,9	5/2	1,10	1,58	1,75	0,17
28	5,9	2,1	8,0	5/2	43,00	42,96	44,46	1,20
27	6,1	1,9	8,0	5/2	39,90	40,85	41,95	1,00
28	5,9	2,1	8,0	5/2	37,00	37,75	38,45	0,70

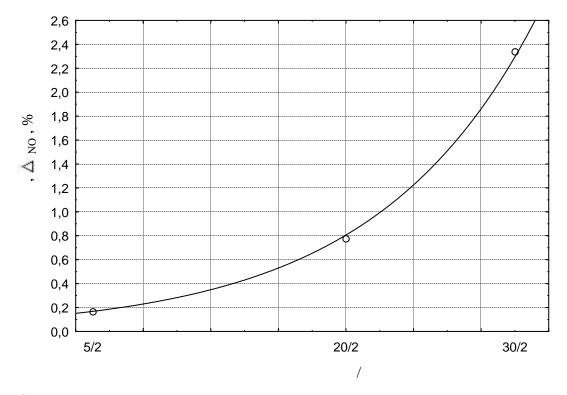
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( / ) ( .2 .3).

/ 5/2 30/2 ( 6 ),

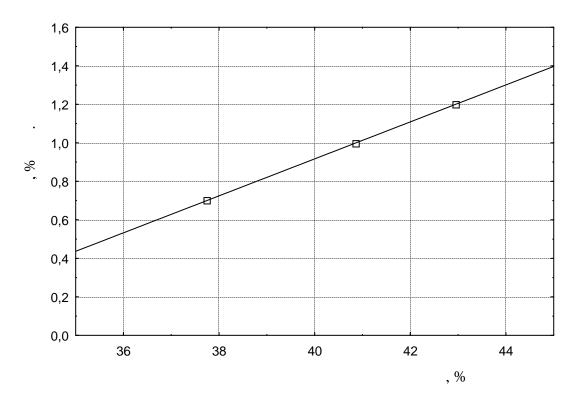
12 .

37 43 % .
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. 2. / 1,1 %



. 3.

08.10.07