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20.07.06

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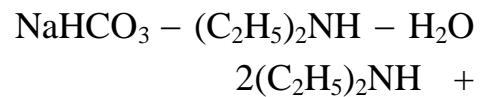
NaHCO₃ > (C₂H₅)₂NH > H₂O

50 °C

NaHCO₃ – (C₂H₅)₂NH – H₂O 50 °C. , -

The solubilization in the ternary system NaHCO₃ – (C₂H₅)₂NH – H₂O at 50 °C is studied. It is determined that the system is unreverse and cannot be presented graphically on the diagram. The process of solubilization of natrium hydrocarbonate proceeds in the system with formation of natrium carbonates and diethylamine in the liquid phase, monohydrate of natrium carbonate in the solid phase.

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NaHCO₃ – (C₂H₅)₂NH – H₂O -

25 °C [1]. NaHCO₃ –
 (C₂H₅)₂NH – H₂O 50 °

50⁰

[2].

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« . . »

;

« »,

55,6⁰ C;

55 – 60⁰ C.

0,1³.

± 0,0002 .

[3].

“Zeiss”

-30.

30 – 40 .

± 0,5⁰

(

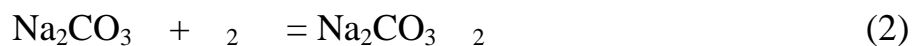
5 – 6

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(NaHCO₃)

NaHCO₃ – (C₂H₅)₂NH

– H₂O



NaHCO₃ – (C₂H₅)₂NH – H₂O 50

, %									-
Na ₂ CO ₃	NaHCO ₃	[(C ₂ H ₅) ₂ NH ₂] ₂ CO ₃	(C ₂ H ₅) ₂ NH	H ₂ O	Na ₂ CO ₃	NaHCO ₃	[(C ₂ H ₅) ₂ NH ₂] ₂ CO ₃	(C ₂ H ₅) ₂ NH	
0,89*	0,00	11,3	47,82	39,99	1,17	0,0	7,57	91,26	Na ₂ CO ₃
25,49	0,78	1,76	0,00	72,17	93,74	3,15	3,11	0,0	·H ₂ O
1,24	6,00	14,00	42,34	42,42	1,78	0,0	10,22	88,0	Na ₂ CO ₃
24,75	0,83	1,52	0,00	72,90	93,15	3,94	2,91	0,0	·H ₂ O
3,00	0,00	21,36	23,73	51,91	6,22	0,0	22,52	71,26	Na ₂ CO ₃
19,71	1,14	6,25	0,00	72,90	81,01	5,92	13,07	0,0	·H ₂ O
5,74	0,0	22,43	12,78	59,05	11,14	0,0	22,15	66,71	Na ₂ CO ₃
16,92	0,33	11,32	0,00	71,43	73,25	1,81	24,94	0,0	·H ₂ O

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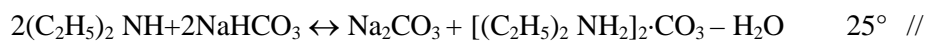
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- - 50 °C -

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