

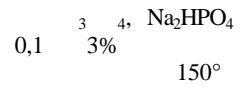
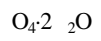
16% « ».

[1-8].

0,1%

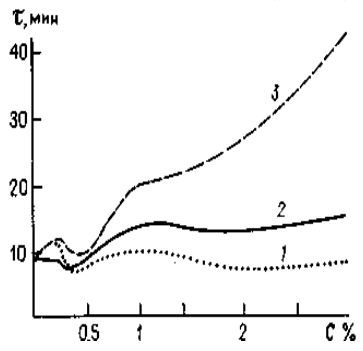
[7].

[5, 7]



150°

40 (. 1).



1. $O_4 \cdot 2 \cdot O$ 2. Na_2HPO_4 3. 4.

Na_2HPO_4 0,5% 3% 4,

[2].

Na_2HPO_4 0,5% (. 1).

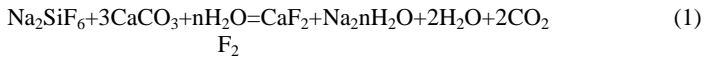
0,5%,

0,02 0,6% () .

[4-5, 7].

- F₂.

« »



F₂

3 ()₂

1

1

	/	-		2 ,	
		3	5	2,0	3,8
+1%	75	5	7	2,4	3,6
+2%	75	5	8	2,3	3,4

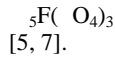
1-2%

3

5-6.

[3, 4].

[5],



[5, 7].

(

)

2.

2

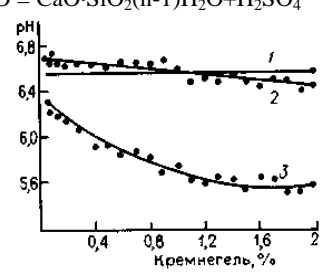
Ca ²⁺	- 0,106	F ⁻	- 0,144
Sr ²⁺	- 0,127	OH ⁻	- 0,14
La ³⁺	- 0,122	O ²⁻	- 0,132
Ce ³⁺	- 0,113	PO ₄ ³⁻	- 0,325
Pr ³⁺	- 0,116	SO ₄ ²⁻	- 0,32
Dy Lu ³⁺	- 0,111-0,09	SiO ₃ ²⁻	- 0,327

()
1%.

PO_4^{3-} SiO_3^{2-} SiO_3^{2-}
[7].

[6], (),
 $Nd_2(SO_4)_3 \cdot 5 H_2O$, $N = 1,608$; N
 $= 1,582$.
 $N_4 Nd(SO_4)_2 \cdot 2 H_2O$
« »
« »
10%.

[8],
(2).
 $CaSO_4 + SiO_2 \cdot n \cdot H_2O = CaO \cdot SiO_2 \cdot (n-1) \cdot H_2O + H_2SO_4$ (2)



: 1. ; 2. ; 3.



1. / [...] - 1982. - 53. - (...) / 8; 3).
2. / ... - 1970. - 98.
3. // ... 1972. - 5. 3-4.
4. / ... // ... - 1985. - 10. 6-7
5. Eipeltauer E. Adsorbiertes Wasser und unergewöhnliche Hydrate in Gipsplastern und dadurch bedingte Fehler in Phasenanalysen. / Eipeltauer E., Banik G. - Tonindustrie Zeitung - B 99- 1975. - 10, 1975, S 36
6. Smith B.R. The Crystallization of Calcium Sulphate Dehydrate / Smith B., Sweet F. // J. Colloid and Interface Science, v37. - 1971. - 3. S 217.
7. // ... 1987. - 105
8. / [...] // ... - 1980. 2 - 22-23.