

[3].

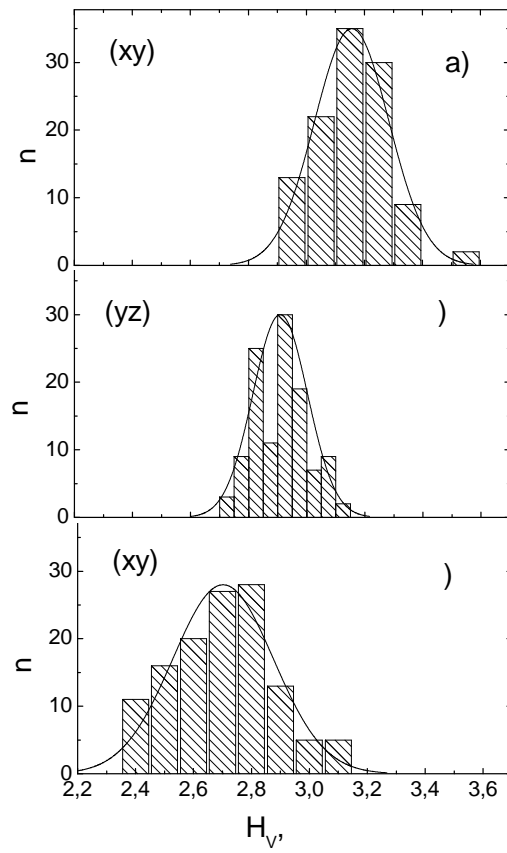
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: **1. Landi E., Tampieri A. et al.** Influence of synthesis and sintering parameters on the characteristics of carbonate apatite // *Biomaterials*. -2004. - .25 -P. 1763-1770. **2.** . - // . « ». -1982. - . 16-240. **3. Danilchenko S.N., Koropov A.V. et al.** Thermal behavior of biogenic apatite crystals in bone: an X-ray diffraction study // Institute of Applied Physics, National Academy of the Ukraine, Petropavlovskaya str., 58, Sumy, Ukraine. - 2006.

669.175:539.533

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 H_v
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 H_v

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1 - d = 40 , ; . 1 -
 2 - d 5 ,

-	-	n	\bar{H}_V	s_d	s_e
1	(xy)	111	3,156	0,129	0,0122
1	(yz)	115	2,908	0,094	0,0088
2	(xy)	125	2,702	0,174	0,0156

n -

$$\bar{H}_V = \frac{1}{n} \sum_{i=1}^n H_{Vi}, \quad s_d^2 = \frac{1}{n-1} \sum_{i=1}^n (H_{Vi} - \bar{H}_V)^2, \quad s_e = \frac{s_d}{\sqrt{n}}$$

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8 % 28 %

650 °C
14,4 %

35 %

40 5).

300 77

3 5

$1,8 \cdot 10^{-28} \text{ }^3, \Delta H$
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(. . 1)

621.311.21.

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