Copy of a printed table referenced as "Number of nucleotides per unit cell"

Contributors

Gosling, Raymond George, 1926-

Publication/Creation

October 1953

Persistent URL

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Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
https://wellcomecollection.org

uncertainty in the density of the crystallites, which may well be slightly greater than the value measured for the bulk material at 75% r.h.

In Table 2 we show the number of nucleotides per face-centred unit cell, calculated for water contents

Number of nucleotides per unit cell

Mean molecular weight of dry nucleotide = 330
Density of NaDNA at r.h. 75% = 1·471 g.cm.$^{-3}$

No. of molecules of water per nucleotide	Molecular weight; nucleotide and water	Water content %	No. of nucleotides per unit cell
4	402	21·8	54·0
5	420	27·3	51·6
6	438	33·0	49·5
7	456	38·2	47·5
8	474	43·6	45·7

of the crystallites corresponding to from 4 to 8 molecules of water per nucleotide, and assuming a density of 1·47 g.cm.$^{-3}$ for the crystallites.