

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

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### **Publication/Creation**

October 1953

### **Persistent URL**

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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.<sup>-3</sup>

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.<sup>-3</sup> for the crystallites.