

Bar chart referenced as "Molecular weight distribution by EM (Hall + Doty)"

Contributors

Gratzer, W. B. (Walter Bruno), 1932-

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

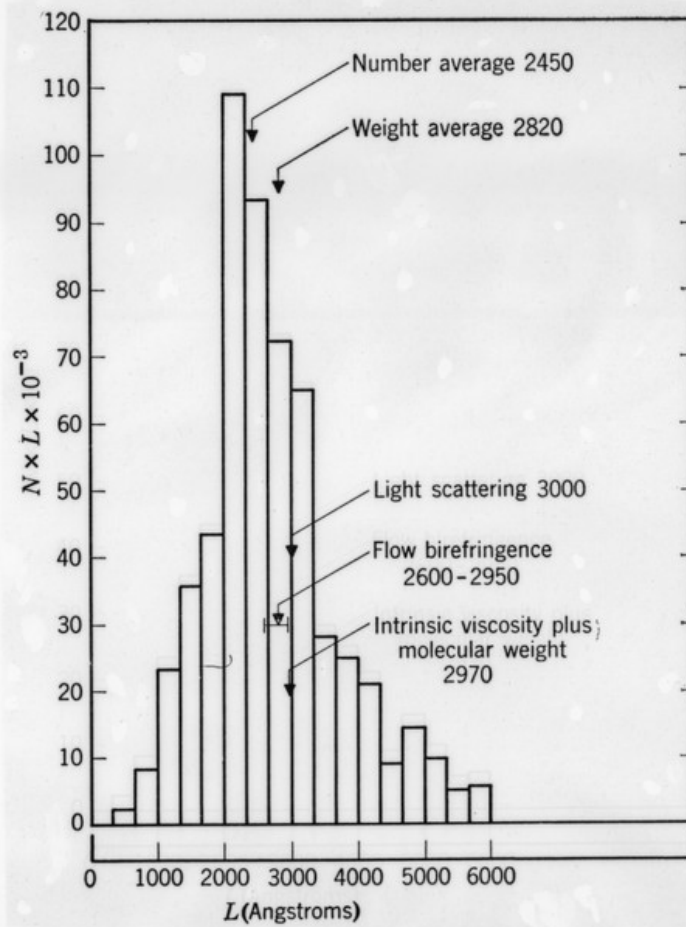


FIG. 8. Weight distribution of lengths of ichthyocol macromolecules as measured from electron micrographs compared with results from other methods. Total number represented is 238 [from *J. Polym. Sci.*, **50**, 179 (1961)].

within the last two years, metric, rigid macromolecules, the direct viewing of such electron microscope by Hall.¹⁸ proteins, and even simple p configuration have been in agreement with the results applied in solution.¹⁹ As shown in Fig. 8 is the weight of collagen molecules compared shown in Table I. The agreement is good. It is possible that the broadening as a result of shadowing; the electron-microscope effect has been modest. I

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Method
Osmotic pressure (M_n)
Light scattering (M_w)
Intrinsic viscosity and M_w
Sedimentation and viscosity
Flow birefringence and viscosity

way in which these macromolecules, collagen fibrils and the extent of aggregation found here are compatible with