

Additions and Corrections

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Inger Mari Nygård Vold, Kåre A. Kristiansen, and Bjørn E. Christensen*: A Study of the Chain Stiffness and Extension of Alginates, in Vitro Epimerized Alginates, and Periodate-Oxidized Alginates Using Size-Exclusion Chromatography Combined with Light Scattering and Viscosity Detectors

Pages 2136–2146. Equations 4 and 5, which were introduced for simple and practical fitting of nonlinear data in Figure 5 ($[\eta]$ versus M) in terms of the commonly used Mark–Houwink–Sakurada equation, do not represent the experimental data with sufficient precision at all molecular weights. We therefore recommend dividing the data into three regions, with the following modified equations

$$20\,000 < M < 100\,000: [\eta] = 0.0051 \cdot M^{1.00} \quad (4)$$

$$100\,000 < M < 300\,000: [\eta] = 0.0349 \cdot M^{0.83} \quad (5a)$$

$$300\,000 < M < 1\,000\,000: [\eta] = 0.0305 \cdot M^{0.66} \quad (5b)$$

It should be emphasized these changes only affect practical use of the data in Figure 5, such as estimating M from measurements of $[\eta]$. Subsequent analyses in terms of the wormlike chain model were based on the raw data and are therefore not affected.

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