Supplementary Information to

Investigating the Influence of Phosphate Ions on Poly-L-lysine Conformations by Taylor Dispersion Analysis

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The coefficients C_i used in Equation (5) are given below according to ref. 53 :

$$C_1 = 3.230981 - 143.7458\times(d/2q) - 1906.263\times(d/2q)^2 + [2.463404 - 1422.067\times(d/2q)^2]\times ln\,(d/2q)$$

$$C_2 = -22.46149 + 1347.079\times(d/2q) + 19387.4\times(d/2q)^2 + [-5.318869 + 13868.57\times(d/2q)^2]\times ln\,(d/2q)$$

$$C_3 = 54.8169 - 3235.401\times(d/2q) - 49357.06\times(d/2q)^2 + [15.41744 - 34447.63\times(d/2q)^2]\times ln\,(d/2q)$$

$$C_4 = -32.91952 + 2306.793\times(d/2q) + 36732.64\times(d/2q)^2 + [-8.516339 + 25198.11\times(d/2q)^2]\times ln\,(d/2q)$$

for $d/2q < 0.1$, where d is the diameter of the wormlike cylinder of theoretical contour length L.