Supporting Information for

Temperature-Responsive Inclusion Complex of Cationic PNIPAAM Diblock Copolymer and γ-Cyclodextrin

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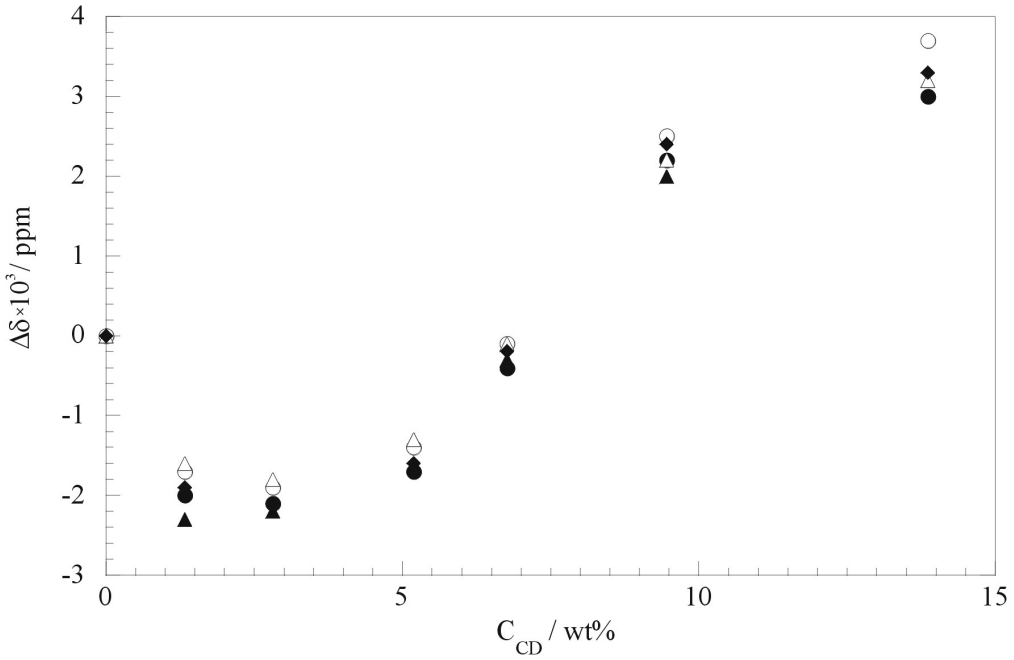

Figure 1s. Changes in the chemical shift obtained from ^{1}H-NMR as a function of γ-CD concentration for the H[2] (○), H[3] (●), H[5] (▲), H[4] (Δ) and H[6] (♦) cyclodextrin nuclei in the presence of 1 wt % copolymer. The ^{1}H nuclei are marked with numbers according to Chart 1.

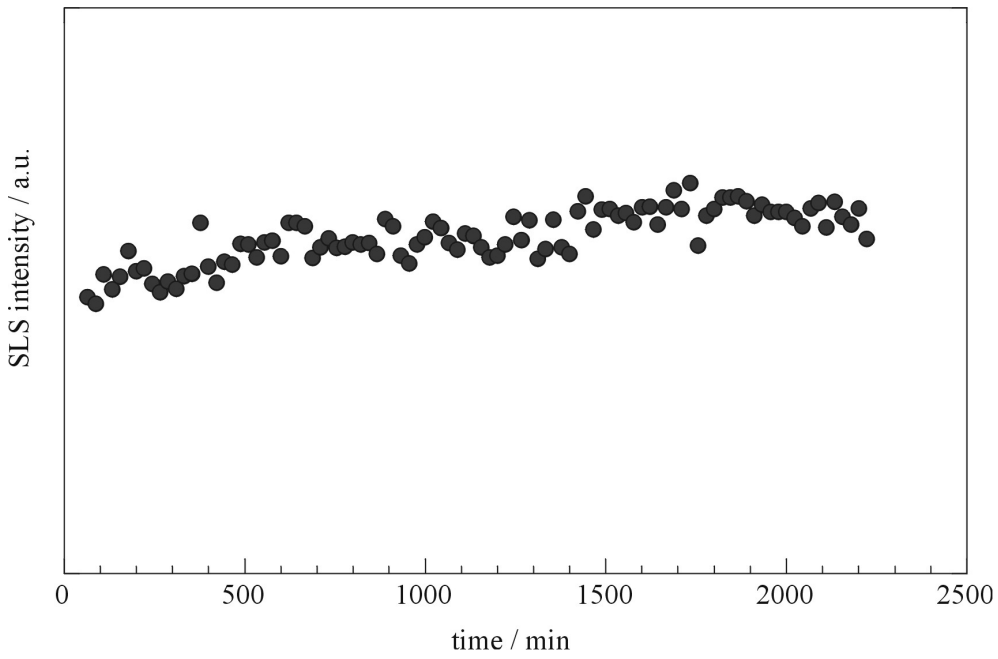

Figure 2s. The total static light scattering intensity as a function of time for an aqueous 10 wt% γ–CD and 1 wt% $PNIPAAM_{72}$ mixture at 25 °C.

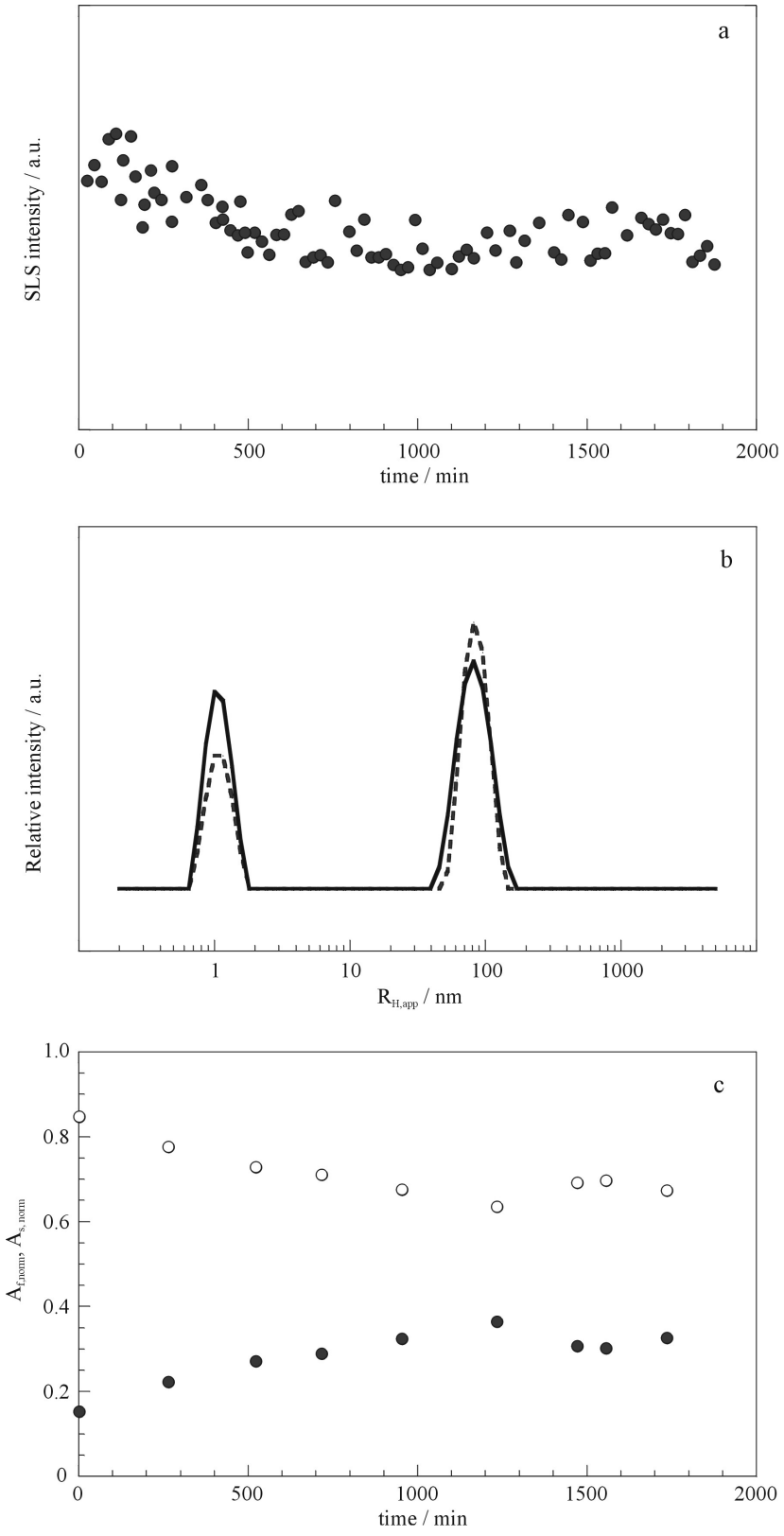

Figure 3s. a) The total light scattering intensity as a function of time for an aqueous mixture of 10 wt % γ-CD and 0.5 wt % copolymer at 25 °C. b) Distributions of the apparent hydrodynamic radii after 100 min (dotted line) and 1800 min (solid line) after the preparation of the mixed solution. c) Normalized scattering amplitude for the fast (●) and slow (○) diffusion mode as function of time for the same mixture.