Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Supporting Information
Enrichment of methanol inside pNIPAM gels in the cononsolvency-induced collapse

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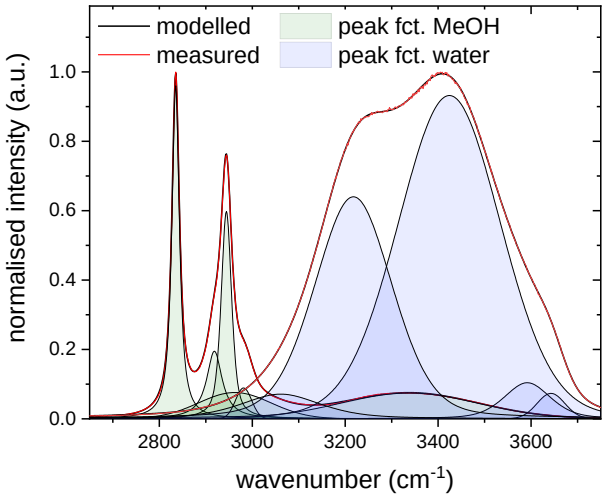

Fig. S1: Peak functions of the pure component models of water and methanol used in IHM.

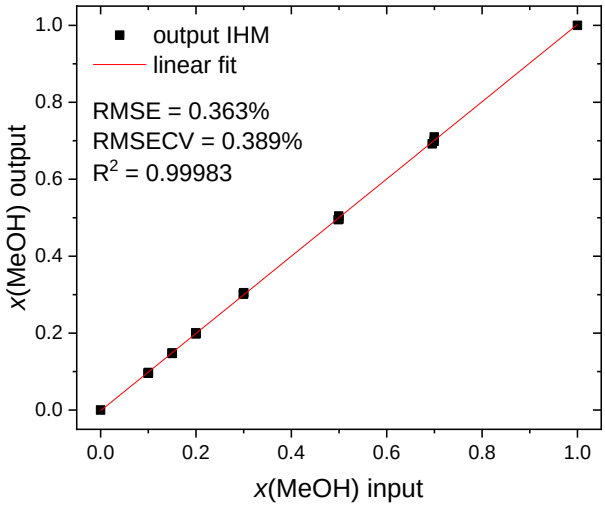

Fig. S2: Calibration of the applied indirect hard model (IHM) using various binary water-methanol mixtures.

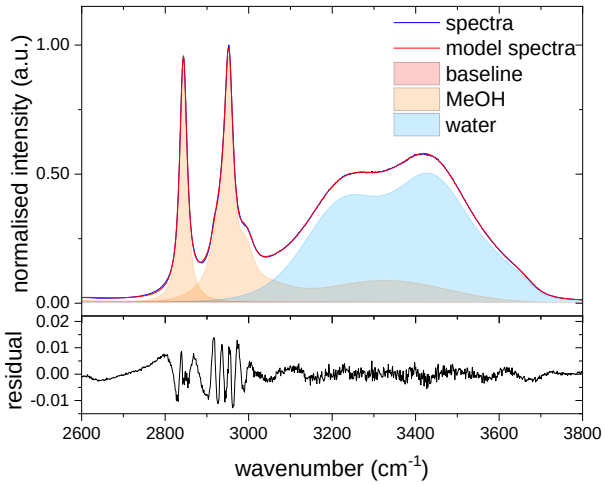

Fig. S3: Exemplary fit of the Raman spectrum of 20 mol% methanol in water (used for calibration) with the modelled (pure component) spectra and the residuals.

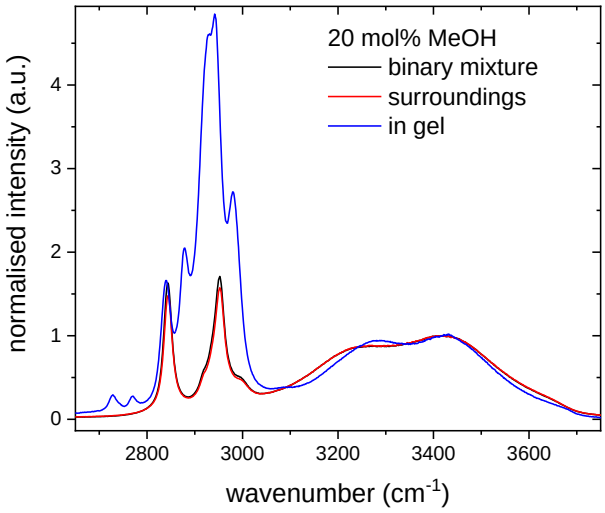

Fig. S4: Raman spectra captured at 20 mol% initial methanol concentration in the binary reference solution, next to the pNIPAM gel and inside the gel. (Intensity is normed to water signal at 3415 cm^{-1})