

## Supporting information

### On the origin of functionalization in one-pot radiation synthesis of nanogels from aqueous polymer solutions

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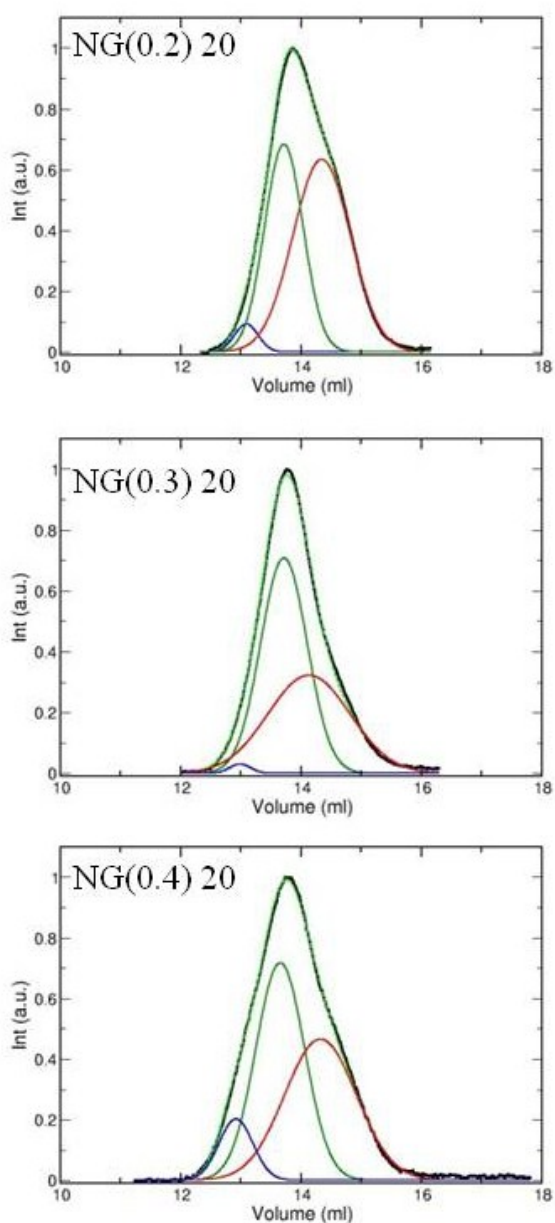


Fig S.1: Deconvolution of the multimodal chromatographic profiles for 0.2, 0.3 and 0.4 wt% nanogel samples produced at 20 kGy.

Table S.1: Percentage area of Gaussians obtained by the deconvolution of multimodal chromatographic profiles for samples produced at 20 kGy, varying the polymer concentration.

Sample	Volume 13,0 mL	Volume 13,7 mL	Volume 14.3 mL
NG(0.2) 20	3.3	41.3	55.4
NG(0.3) 20	1.3	54.6	44.1
NG(0.4) 20	6.0	65.0	29.0