

Electronic Supplementary Material (ESI) for Soft Matter

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Supplementary Information

**A convenient green preparation of layered double hydroxide/
polyacrylamide nanocomposite hydrogels with ultrahigh
deformability**

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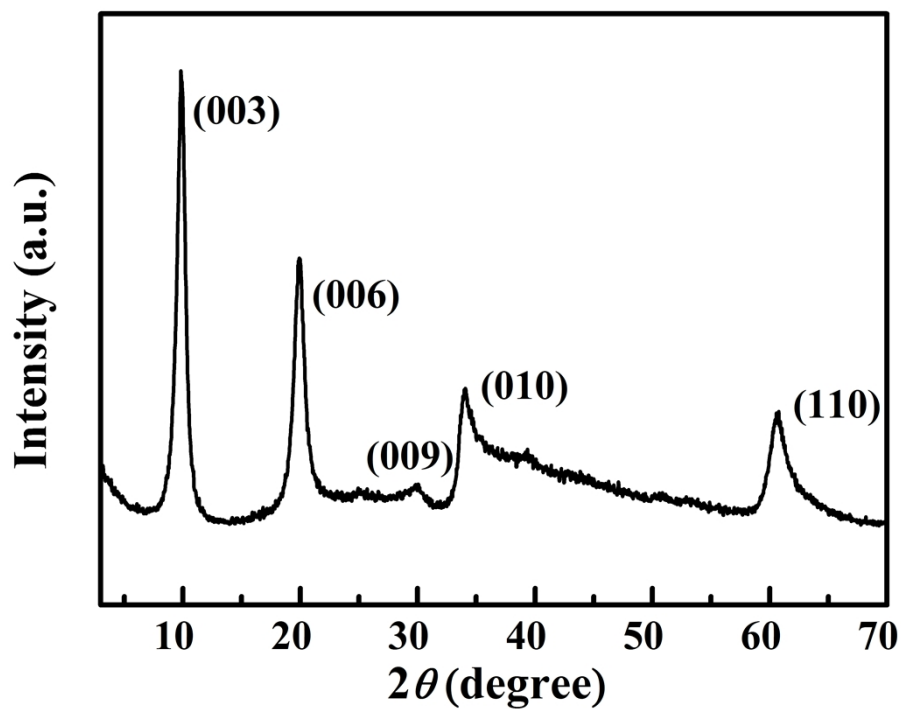


Fig. S1 XRD pattern of the ZnAl-LDH-NO₃.

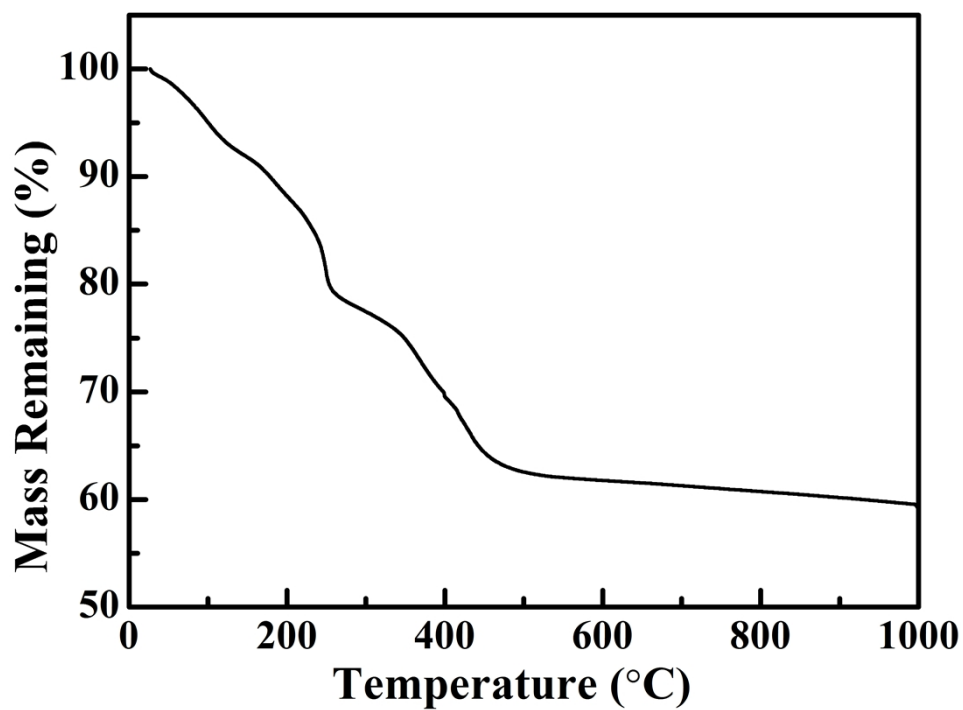


Fig. S2 TGA curve of the ZnAl-LDH-NO₃.

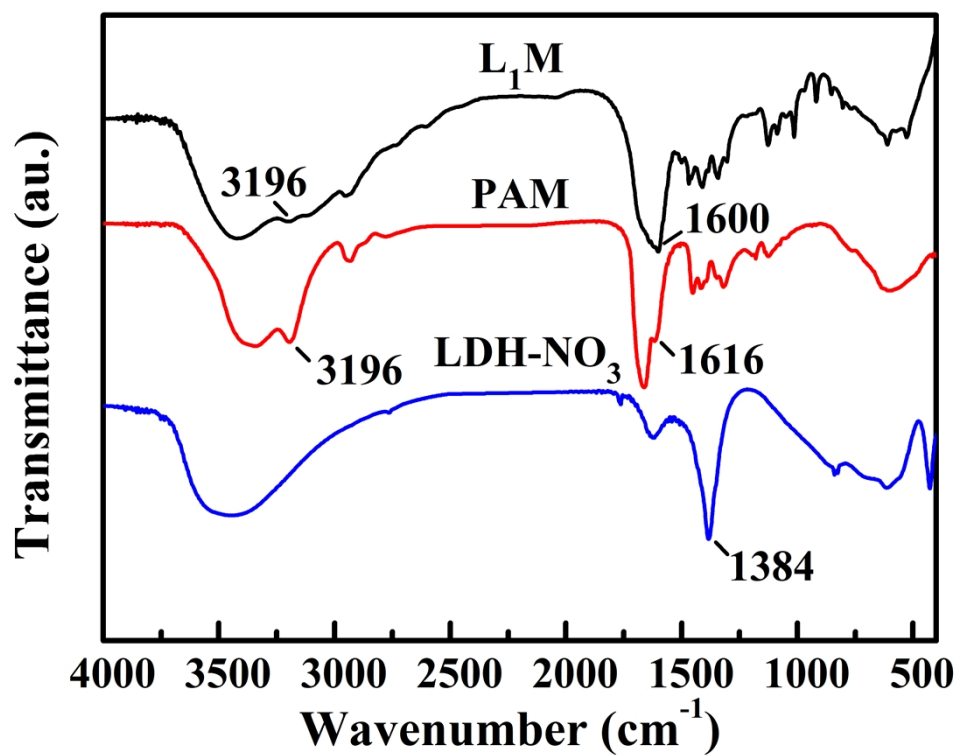


Fig. S3 FTIR spectra of the ZnAl-LDH-NO₃, PAM and the LDH/PAM NC hydrogel (L₁M).

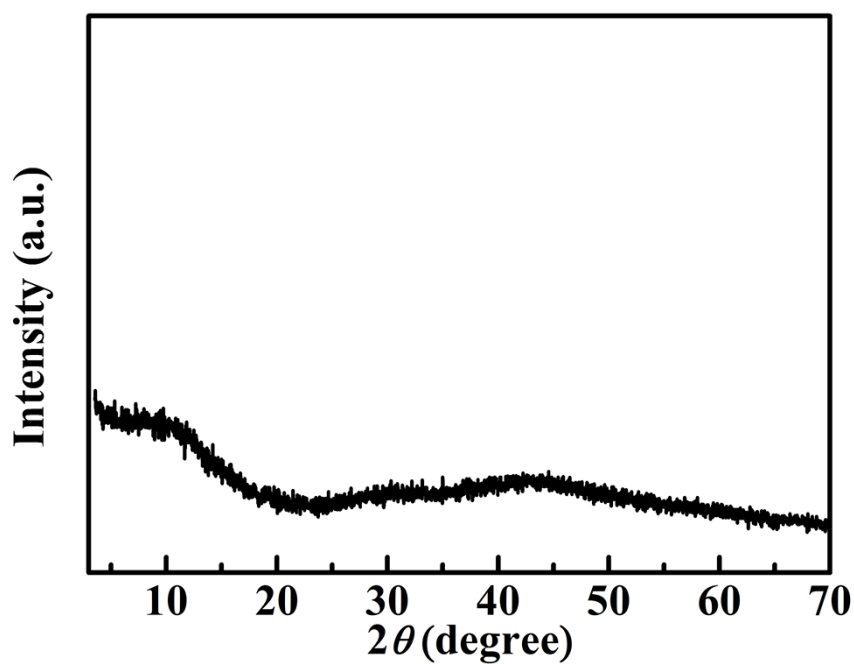


Fig. S4 XRD pattern of PAM/LDH NC hydrogel (L₁M).