Supplementary Material

Fabrication and Characterization of Biodegradable Gelatin Methacrylate/Biphasic Calcium Phosphate Composite Hydrogel for Bone Tissue Engineering

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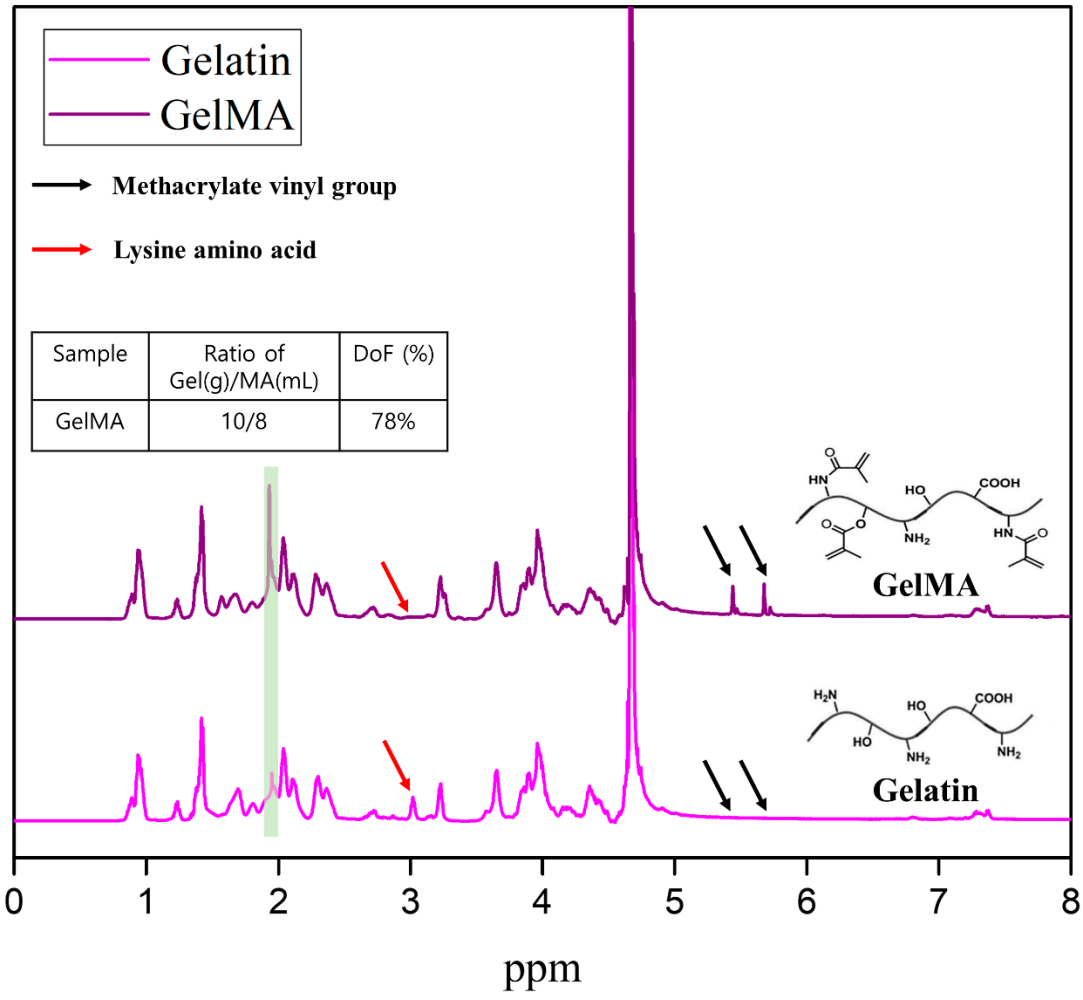

Figure S1. 1H-NMR spectra of gelatin and gelatin methacryloyl (GelMA) monomer with degree of substitution.

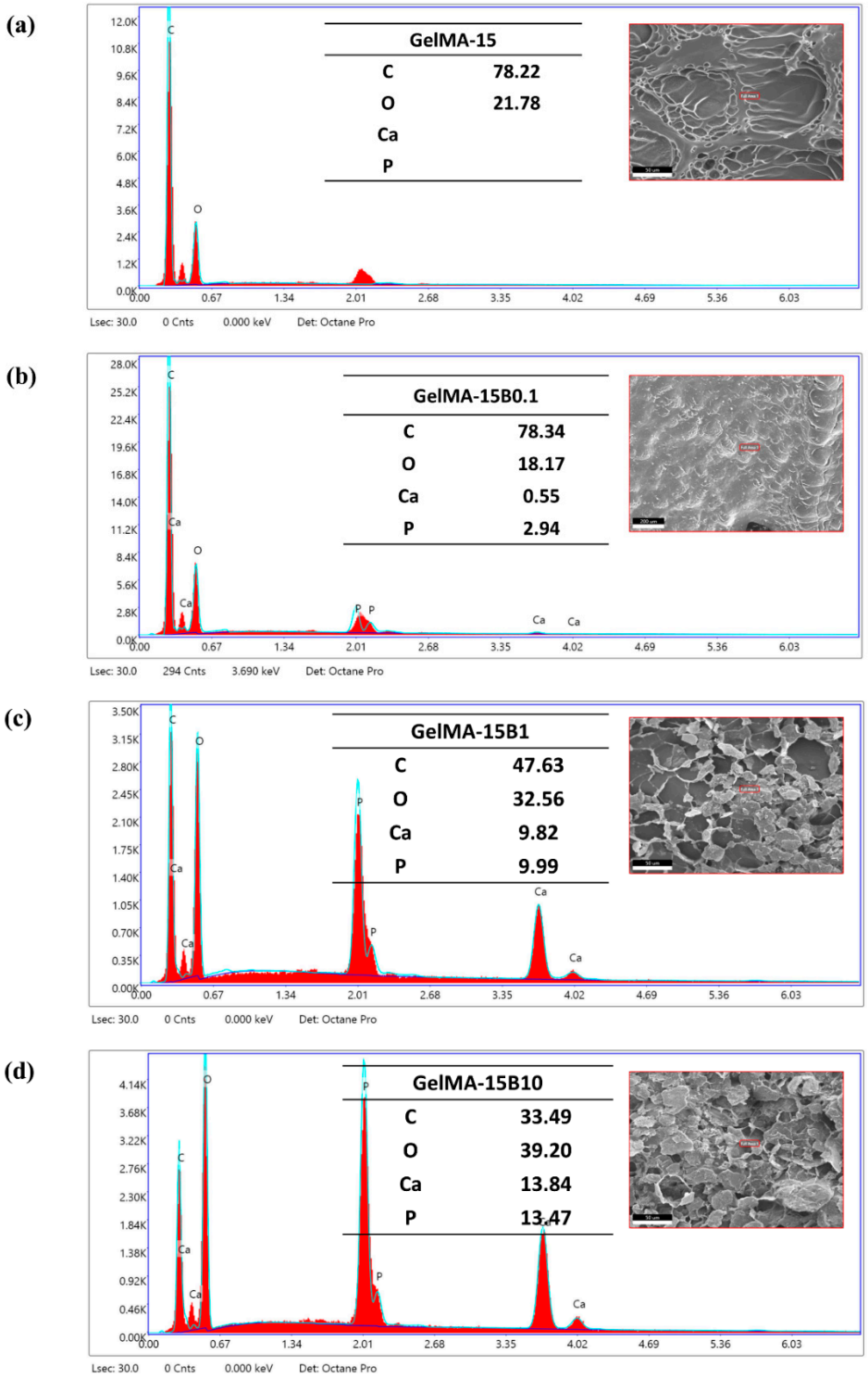

Figure S2. The energy-dispersive X-ray (EDX) profile of (**a**) GelMA-15, (**b**) GelMA-15B0.1, (**c**) GelMA-15B1, (**d**) GelMA-15B10

Table S1. Maximum stress and Compressive Modulus for each hydrogel groups.

Groups	Maximum stress(kPa)	Compressive Modulus(kPa)
GelMA-15	25.38 ± 0.30	4.13 ± 0.07
GelMA-15B0.1	55.78 ± 0.61	6.69 ± 0.02
GelMA-15B1	222.79 ± 0.59	81.69 ± 0.30
GelMA-15B10	442.26 ± 1.29	93.66 ± 0.44