

Supplementary Materials

Preparation and Characterization of Gluten/SDS/Chitosan Composite Hydrogel Based on Hydrophobic and Electrostatic Interactions

Guangfeng Li ¹, Ni Lan ¹, Yanling Huang ¹, Chou Mo ², Qiaoli Wang ¹, Chaoxi Wu ^{1,3,*} and Yifei Wang ^{1,3,4,*}

¹ Department of Cell Biology, College of Life Science and Technology, Jinan University, Guangzhou 510642, China

² Guangdong Provincial Key Laboratory of Advanced Drug Delivery, Guangdong Provincial Engineering Center of Topical Precise Drug Delivery System, Guangdong Pharmaceutical University, Guangzhou 510006, China

³ Key Laboratory of Innovative Technology Research on Natural Products and Cosmetics Raw Materials, Guangzhou 510642, China

⁴ Guangdong Provincial Biotechnology Drug & Engineering Technology Research Center, Guangzhou 510642, China

* Correspondence: chaoxiw@gmail.com (C.W.); twang-yf@163.com (Y.W.)

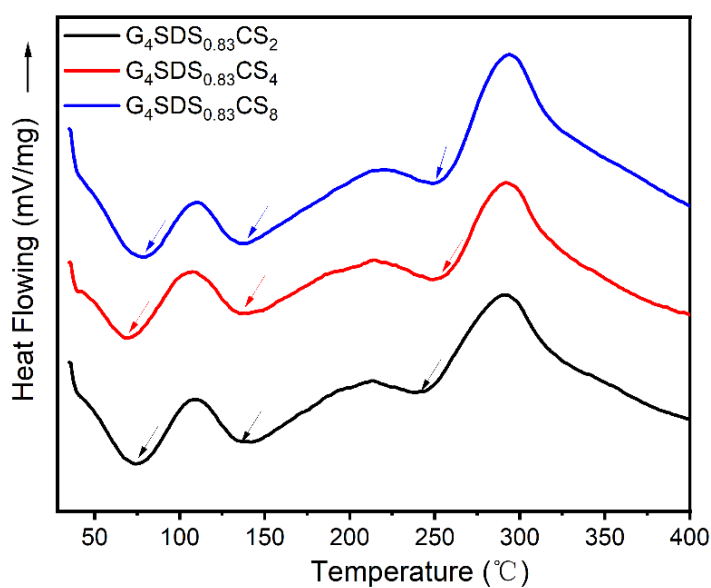


Figure S1. DSC thermograms of G₄SDS_{0.83}CS₂, G₄SDS_{0.83}CS₄, and G₄SDS_{0.83}CS₈ samples

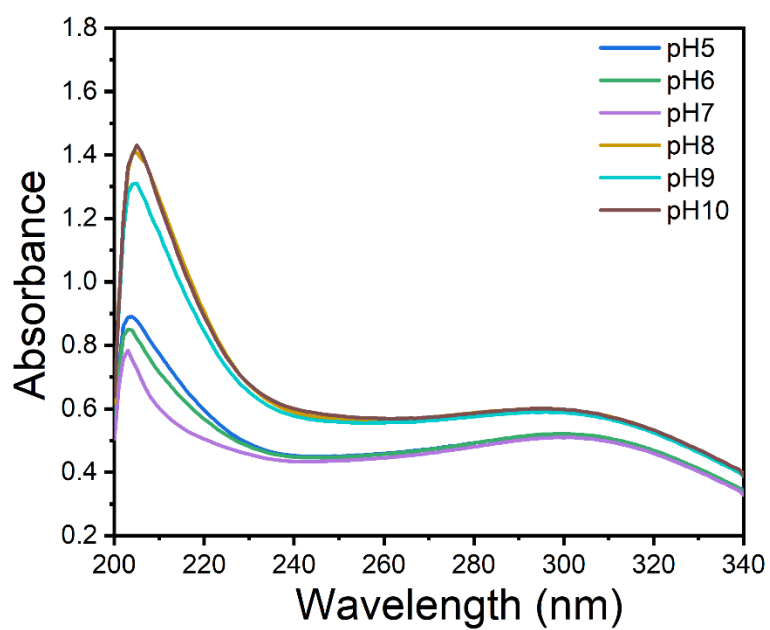


Figure S2. UV spectra of G₄SDS_{0.83}CS₄ sample at different pH.

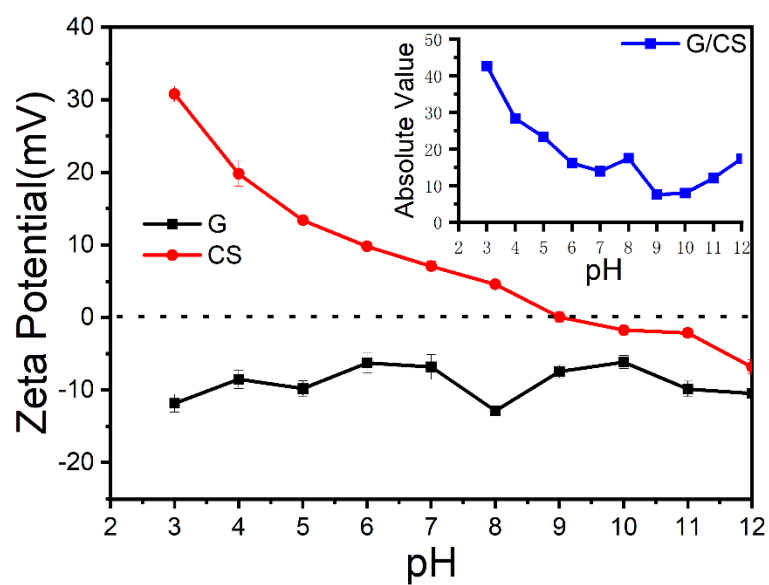


Figure S3. Zeta potential and the absolute potential value of G and CS at different pH.