

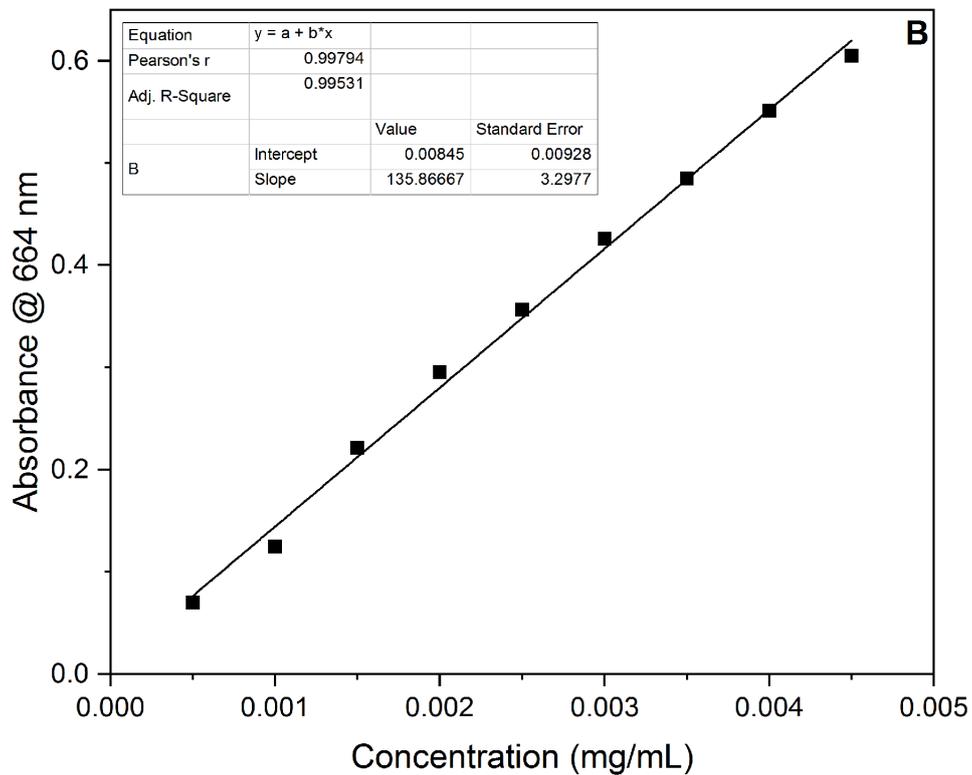
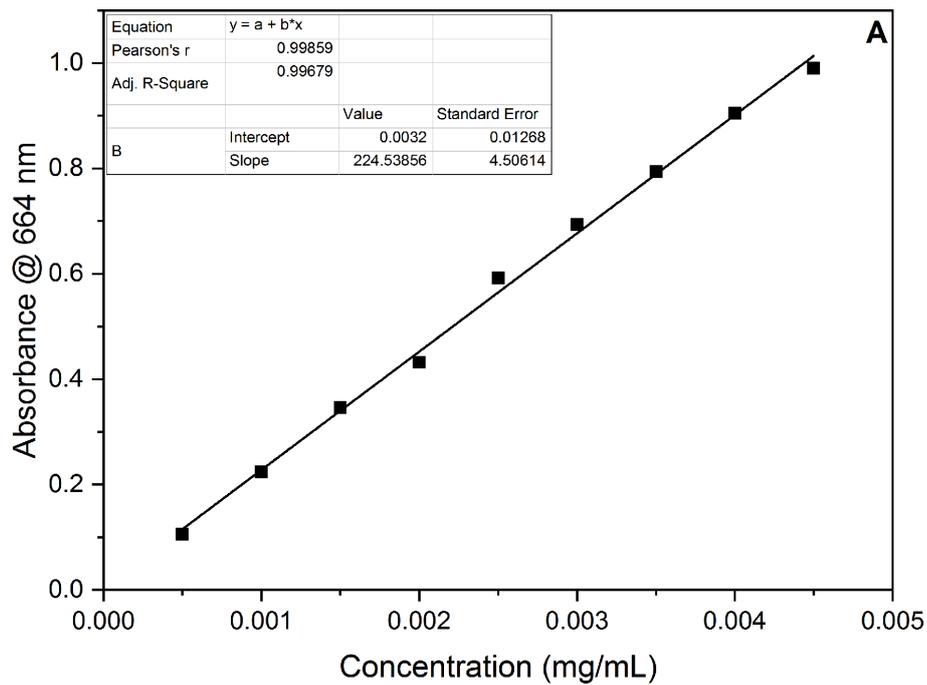
Supplement Information for
An environmentally sensitive silk fibroin/chitosan hydrogel
and its drug release behaviors

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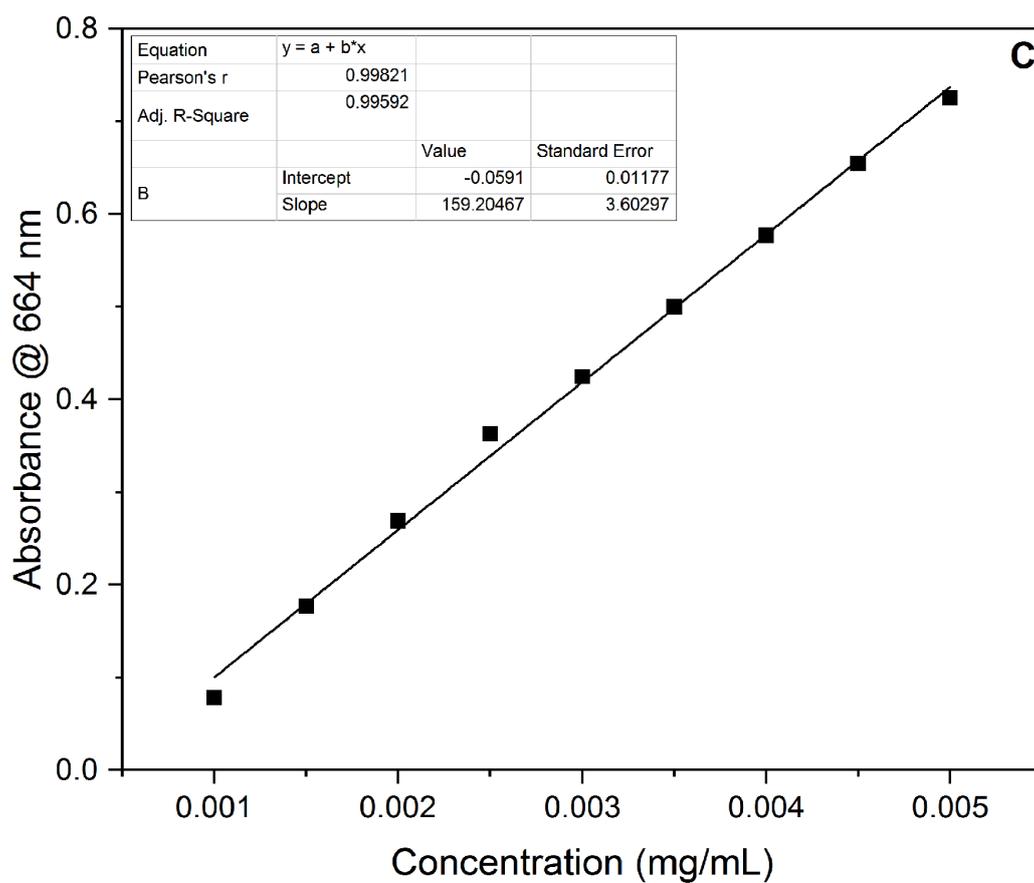


Fig. S11. (A) Standard curve of MB in deionized water, (B) Standard curve of MB in PBS (pH=7.4, 37°C), (C) Standard curve of MB in PBS (pH=2.2, 37°C).

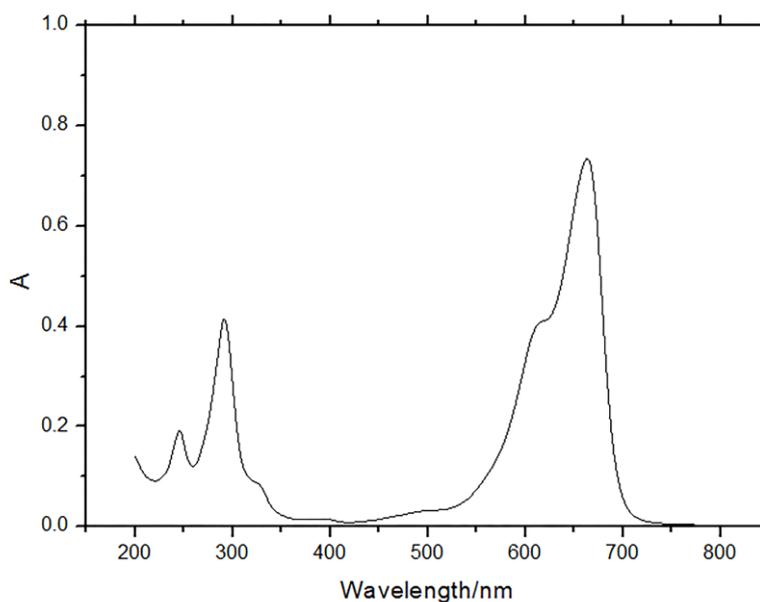


Fig. S12: UV-visible spectroscopy of MB

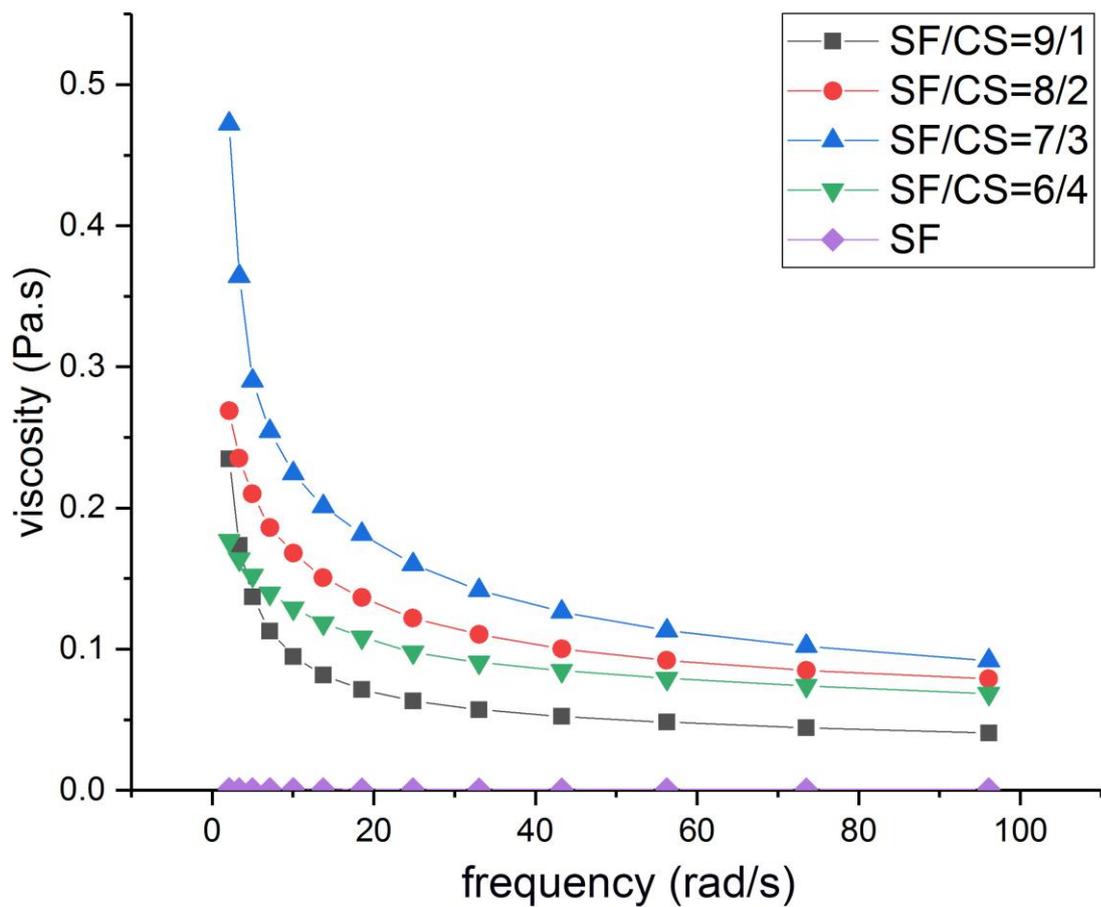


Fig. S13: The viscosity of mixed solutions.

The dynamic viscosity of mixed solutions was determined by AR-2000 rheometer (TA Instrument, New Castle, USA), fitted with parallel plate (diameter of 20 mm) kept at a gap distance of 1 mm. The shear velocity ranged from 0~100 rad/s.

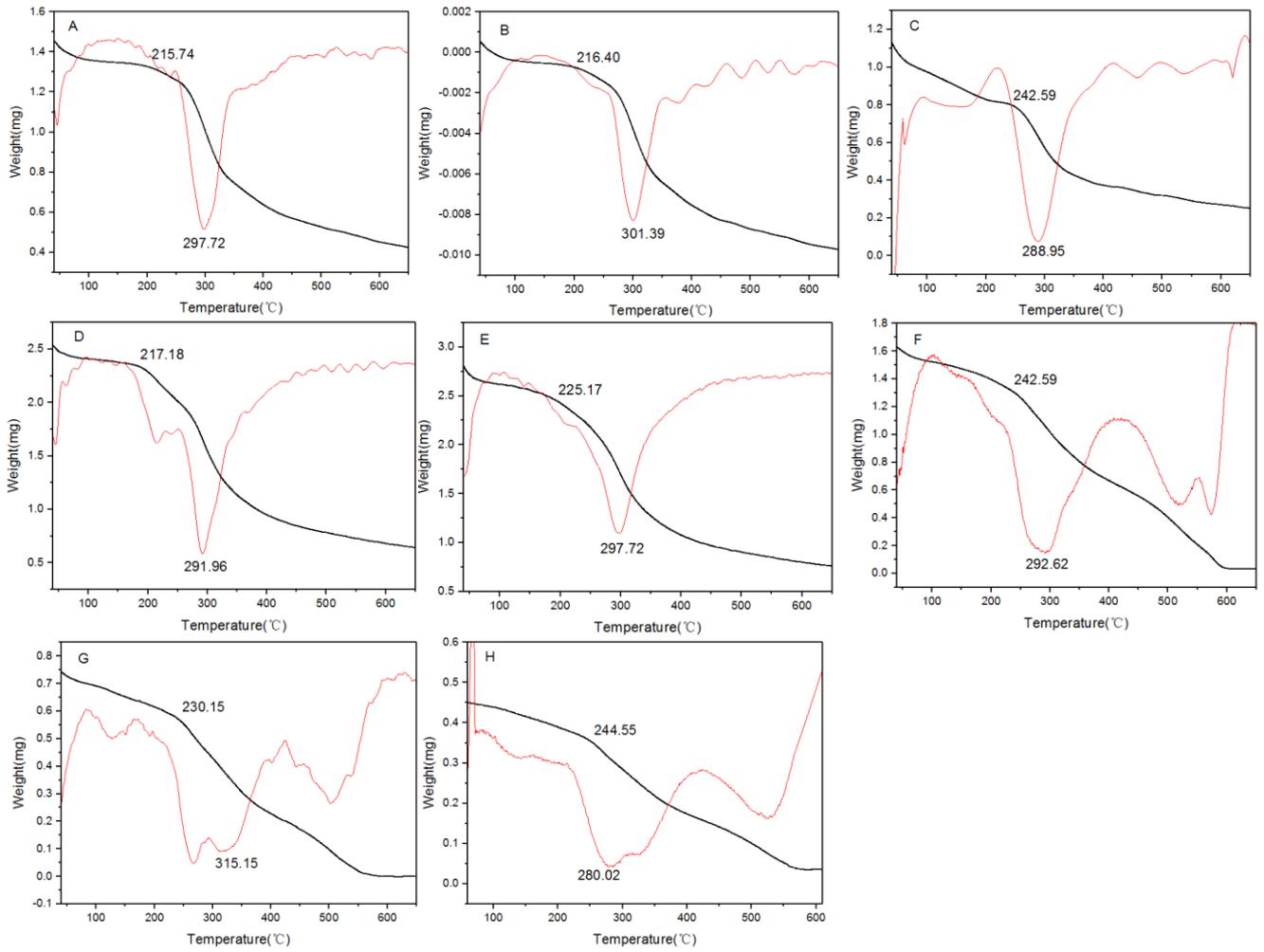


Fig. SI4: The thermograms of hydrogels. (A) SF; (B) NSF; (C) CS; (D) SF/CS=10/0; (E) SF/CS=9/1; (F) SF/CS=8/2; (G) SF/CS= 7/3; (H) SF/CS=6/4