

Inorganic microcapsules mineralized at the interface of water droplets in ethanol solution and their application as drug carriers

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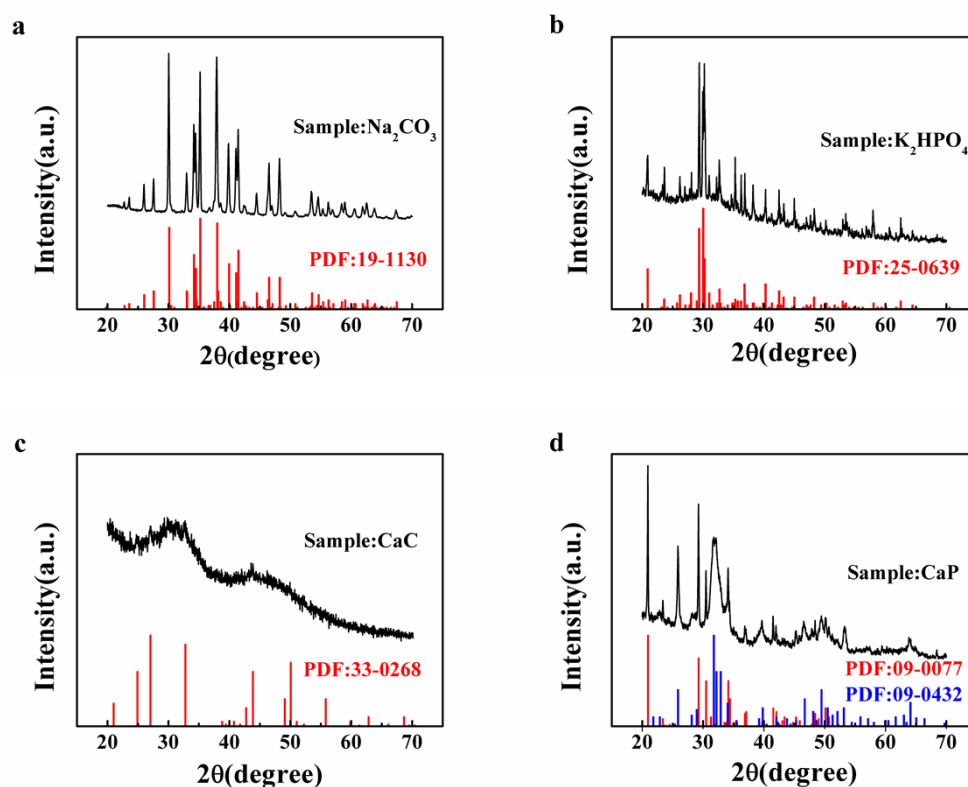


Fig. S1 The XRD patterns of Na_2CO_3 , K_2HPO_4 , CaC and CaP samples (a, Na_2CO_3 ; b, K_2HPO_4 ; c, CaC; d, CaP).

The fluorescence spectrum of CF with the excitation wavelength of 450 nm presents maximum emission at 515 nm. The calibration curve of

maximum emission intensity against concentration of fluorescein with different pH is shown in Figure S2. And the maximum emission intensity increases linearly with the increase of concentration in the same pH value. According to Figure S2, we can calculate the releasing percentage at a certain time.

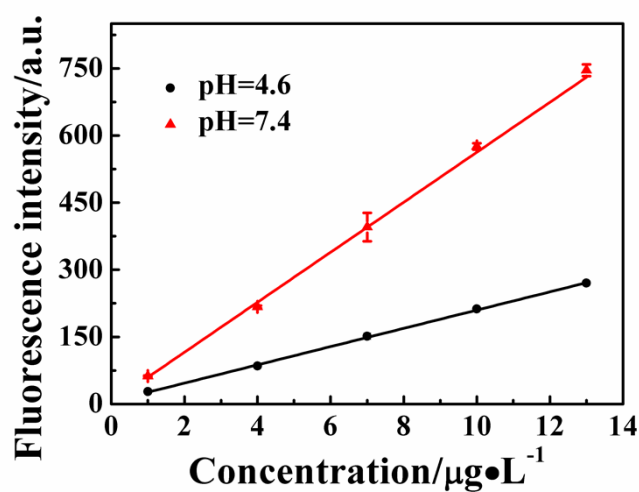


Fig. S2 The calibration curve of maximum emission intensity against concentration of CF with different pH.