

Formulation of polymeric micelles to increase the solubility and photostability of caffeic acid

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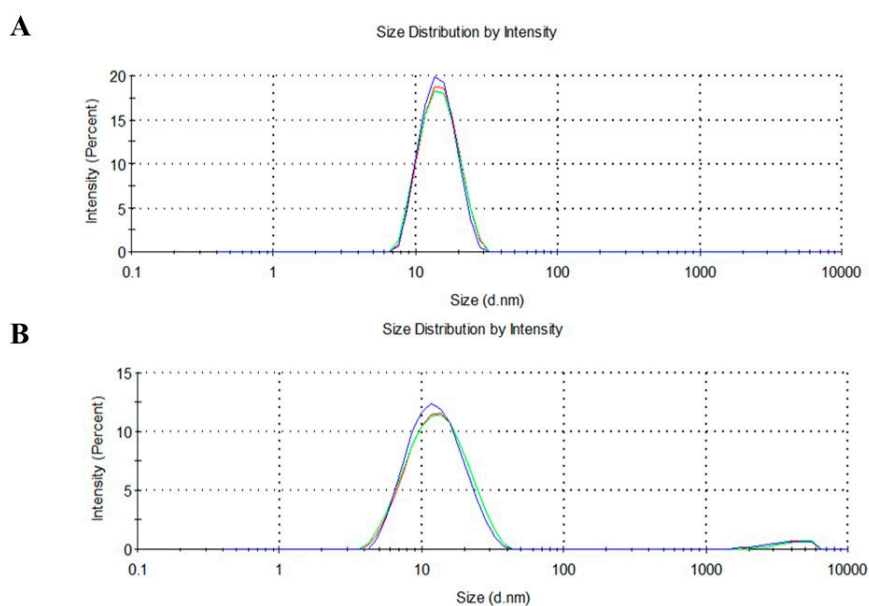


Figure S1. Intensity size distribution of MC10CA0.5 (A) and MC20CA0.5 (B) determined by DLS.

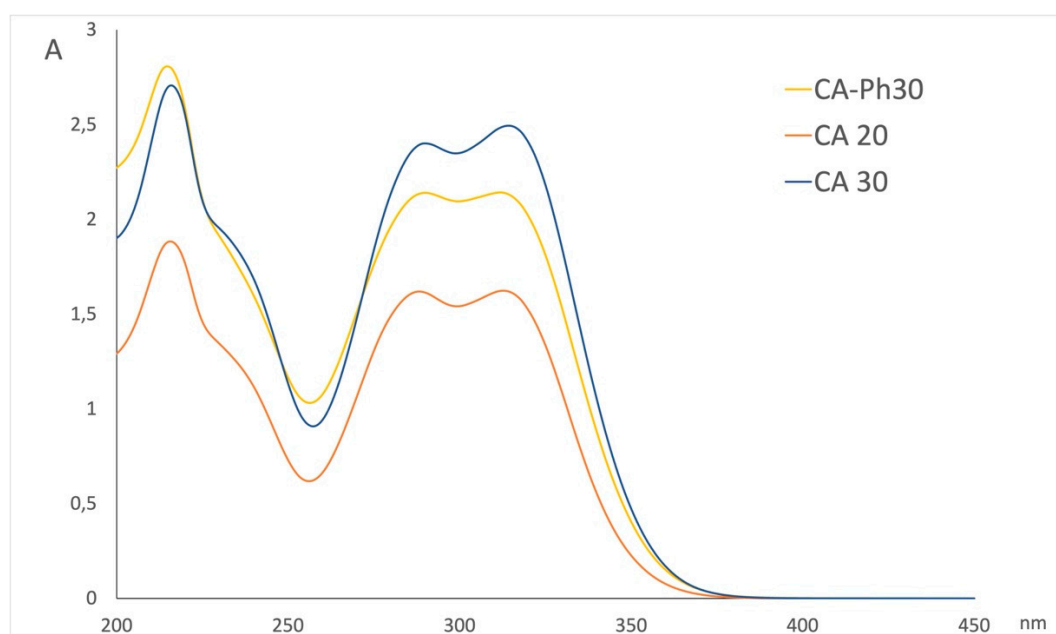


Figure S2. Absorbance spectra of CA 20 $\mu\text{g mL}^{-1}$ (red line), CA 20 $\mu\text{g mL}^{-1}$ (grey line) and the photodegradation product obtained for CA 30 $\mu\text{g mL}^{-1}$ (blue line).

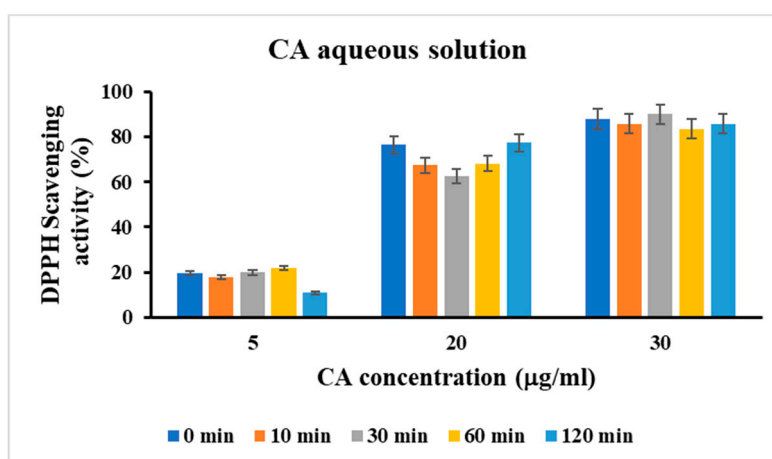


Figure S3. DPPH scavenging activity of CA aqueous solutions after thermal degradation experiment carried out at 60°C

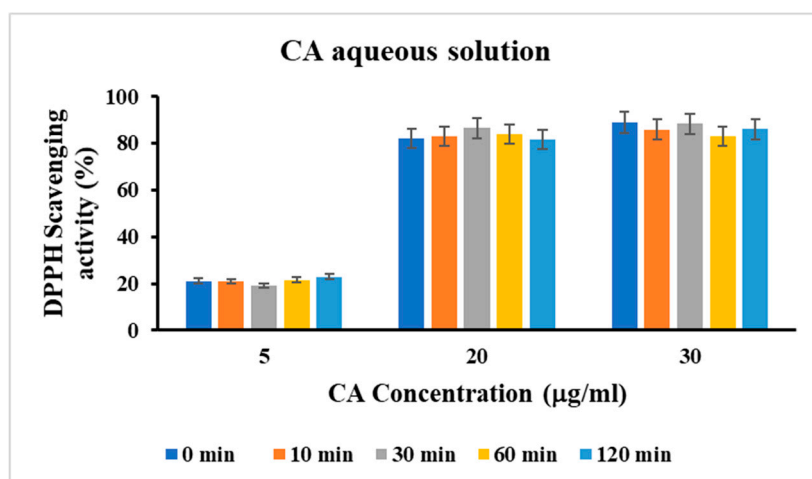


Figure S4. DPPH scavenging activity of CA aqueous solutions after thermal degradation experiment carried out at 80°C

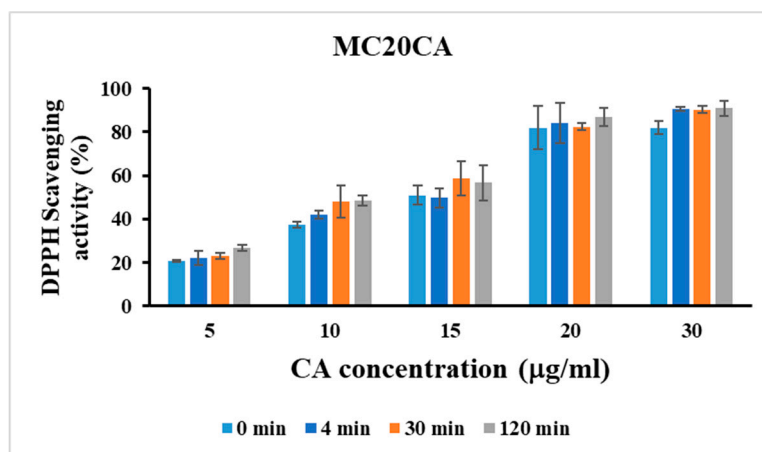


Figure S5. DPPH scavenging activity of MC20 formulations after photodegradation experiment. Data is represented as Mean \pm SD, n=3.