

Supplementary data

New β -carotene-chitooligosaccharides complexes for food fortification: stability study

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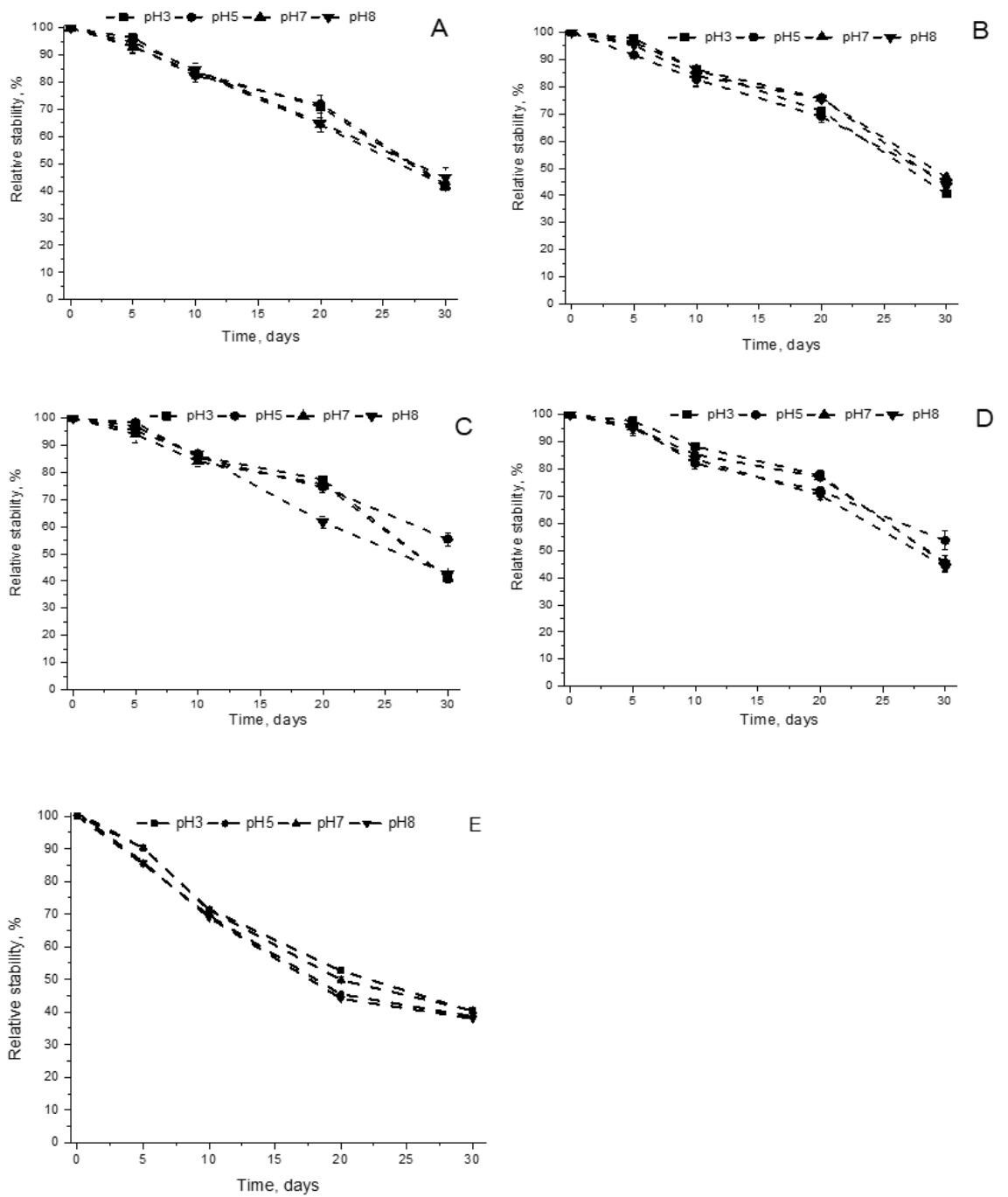


Fig. S1. The effect of pH on CAR stability during the storage of CAR-CHIOS complexes LF4 (A), LF5 (B), S6 (C), S7 (D) and KD3 (E) in the dark at 24 °C. Each value is expressed as mean \pm standard deviation (n=3).

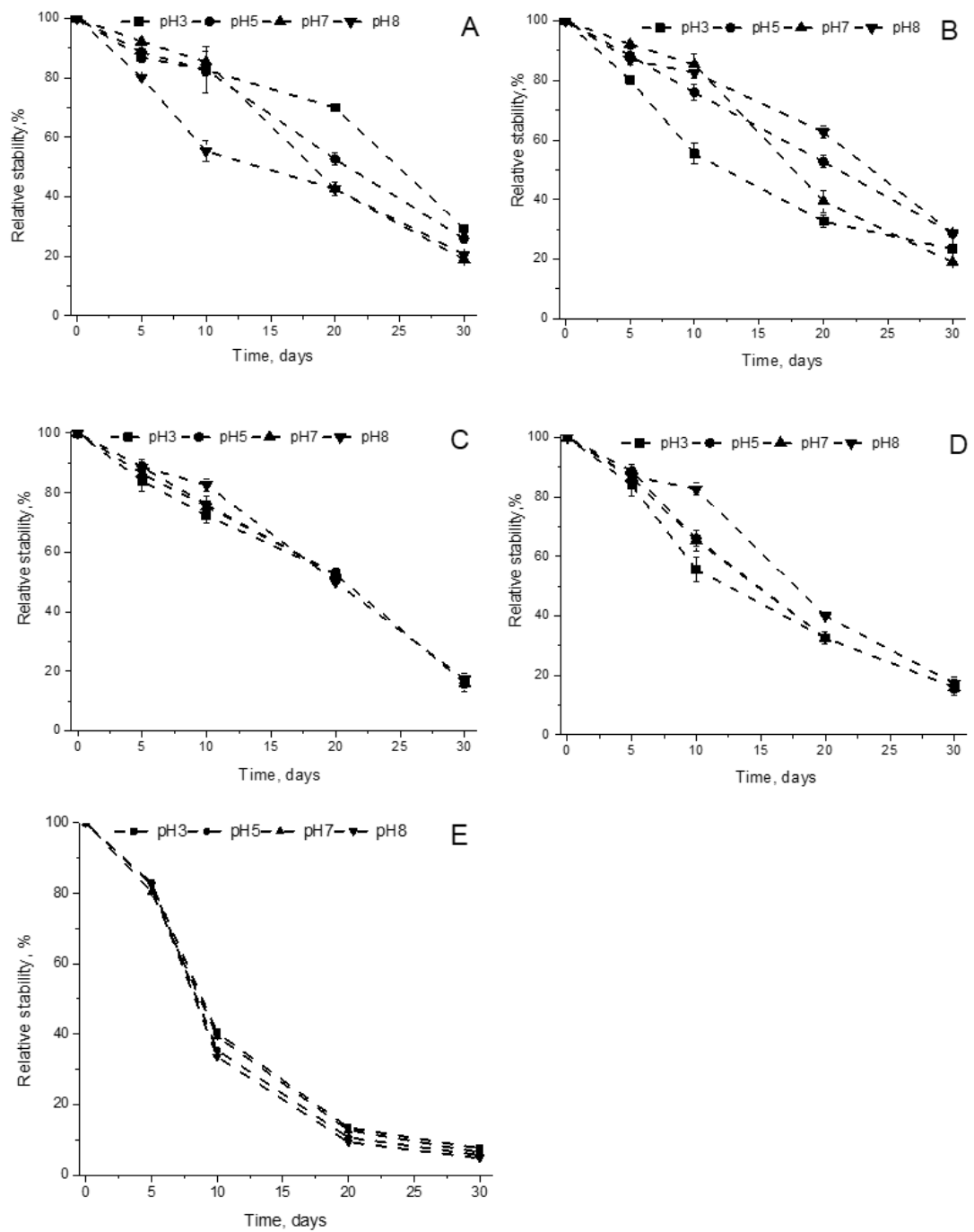


Fig. S2 The effect of pH on CAR stability during the storage of CAR-CHIOS complexes LF4 (A), LF5 (B), S6 (C), S7 (D) and KD3 (E) in the light at 24 °C. Each value is expressed as mean \pm standard deviation (n=3).

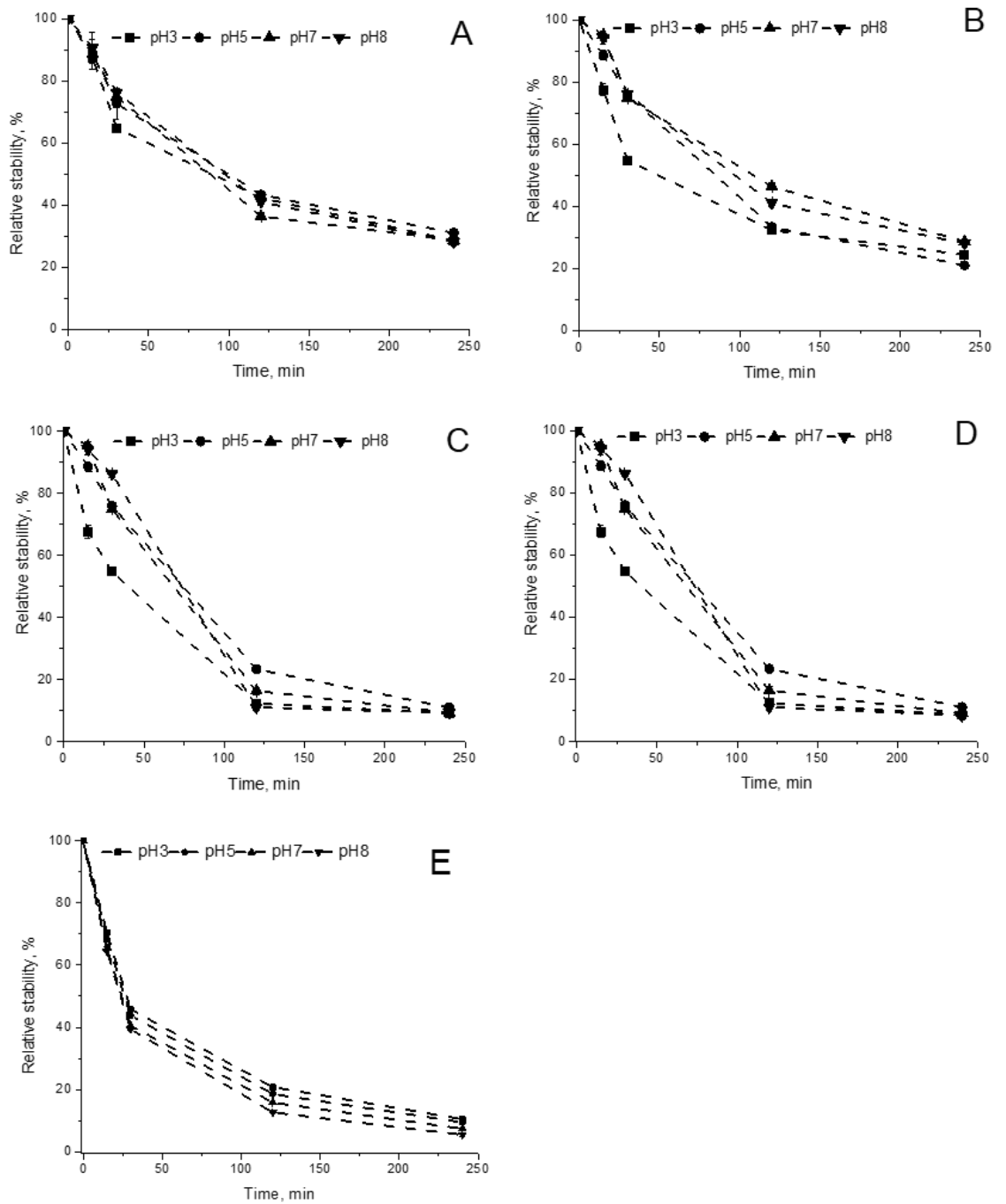


Fig. S3. The stability of CAR during UV irradiation treatment of CAR-CHIOS complexes LF4 (A), LF5 (B), S6 (C), S7 (D) and KD3 (E) at different pH values. Each value is expressed as mean \pm standard deviation (n=3).