



Fig S2. Changes in color parameters of emulsions (the concentration of lutein-ethanol was 0.5%) different treatment groups during light exposure(A) Day 0, (B) Day 1, (C) Day 3, (D) Day 5, (E) Day 7, (F) Day 9, (G) Day 11, (H) Day 13, (I) Day 15 and (J) ΔE .

Notes: S: Stirring, H: Homogenization, U: Ultrasonication. Error bars indicate the standard deviation from triplicate tests. Different letters indicate significant differences ($p < 0.05$).