

Supplementary Materials: β -Sitosterol Loaded Nanostructured Lipid Carrier: Physical and Oxidative Stability, In Vitro Simulated Digestion and Hypocholesterolemic Activity

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Table S1. Changes of peroxide value (PV) (meq/kg oil) of β -sitosterol NLC dispersions during storage at different temperatures (4, 25 and 40 °C).

NLC Formulation	Temperature (°C)	Day 0	Day 10	Day 20	Day 30
PW	4	3.09±0.43	3.57±0.14 ^b	4.25±0.52 ^b	5.32±1.93 ^b
PW	25	3.09±0.43 ^C	3.99±0.34 ^{bC}	5.9±0.61 ^{abB}	9.37±0.86 ^{aA}
PW	40	3.09±0.43 ^B	4.87±0.86 ^{abAB}	6.26±1.66 ^{abA}	4.63±0.79 ^{bAB}
PW+GB	4	3.51±0.92	3.54±0.14 ^b	4.3±0.15 ^b	5.97±1.8 ^b
PW+GB	25	3.51±0.92	4.21±0.67 ^{ab}	5.57±0.37 ^{ab}	3.58±0.89 ^b
PW+GB	40	3.51±0.92 ^B	5.93±1.28 ^{aAB}	7.5±0.71 ^{aA}	5.05±1.09 ^{bB}

Different a, b, c, ... letters in the same column and different A, B, C, ...letters in the same row indicate a statistically significant difference (p <0.05).