

Supplementary information

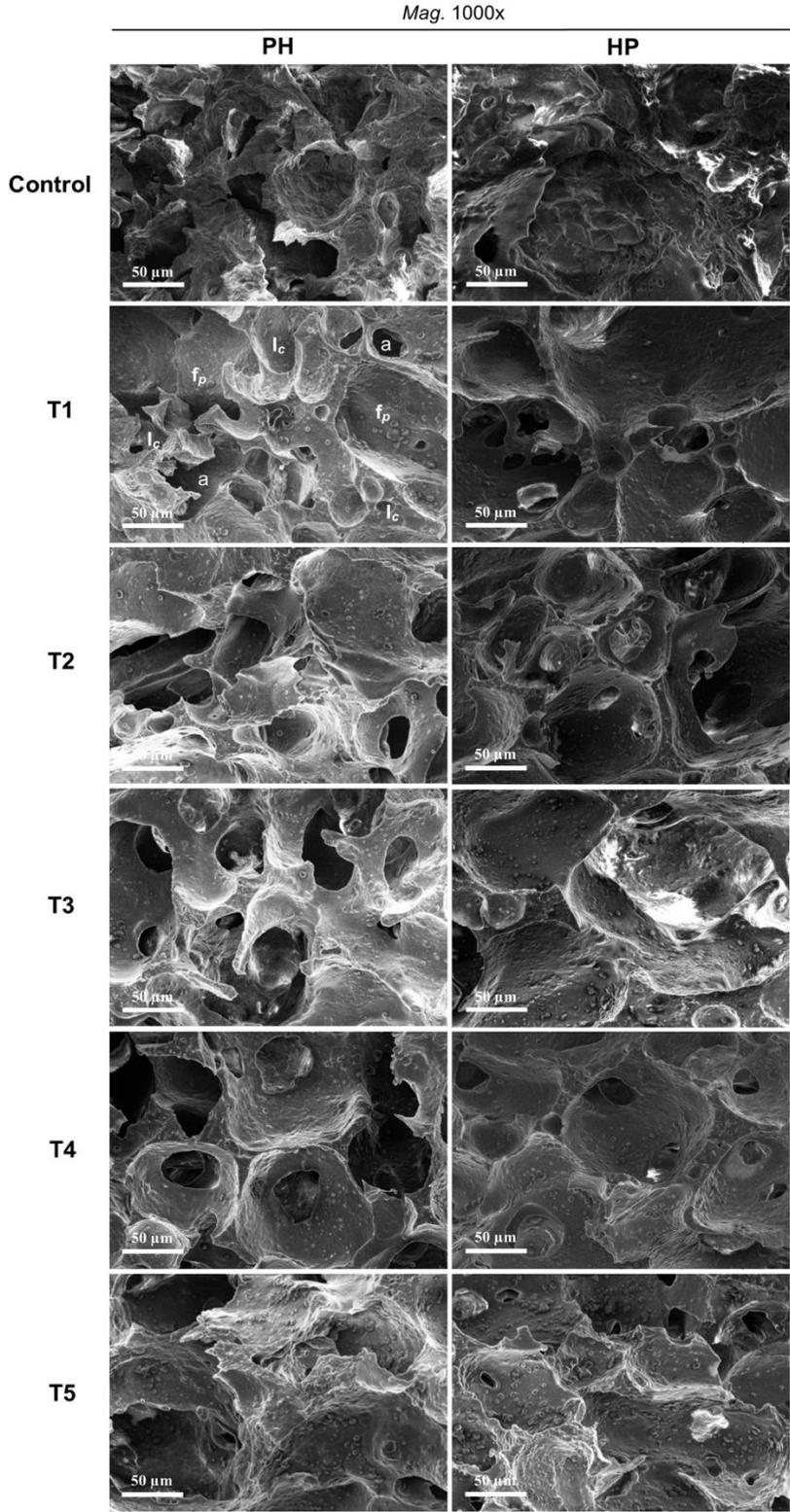


Figure S2. Microstructural properties of ice cream samples including MWPs at a magnification of 1000x.

See Table 1 for the definition of treatment abbreviations.

Key finding:
Clear visibility of fat globules and aggregated protein particles in ice cream treatments subjected to HP than PH.

a – integrated air bubbles.
I_c – ice crystals.
f_p – fat globules and integrated particles of MWPs on the ice cream surface.