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Abbreviations: a.i., available ingredient; ANOVA, analysis of variance; APP, apple polyphenols; CFU, colony-forming units; DPPH, 2,2-diphenyl-1-picrylhydrazyl; FC, fresh-cut; FDA, federal drug administration; FW, fresh weight; GRAS, generally recognized as safe; HPC, heterotrophic plate counts; HPLC, high performance liquid chromatography; MA, modified atmosphere; MPN, most probable number; PDA, photodiode array; ROS, reactive oxygen species; SE, standard error; SSC, soluble solids content; TTA, total titratable acidity.

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