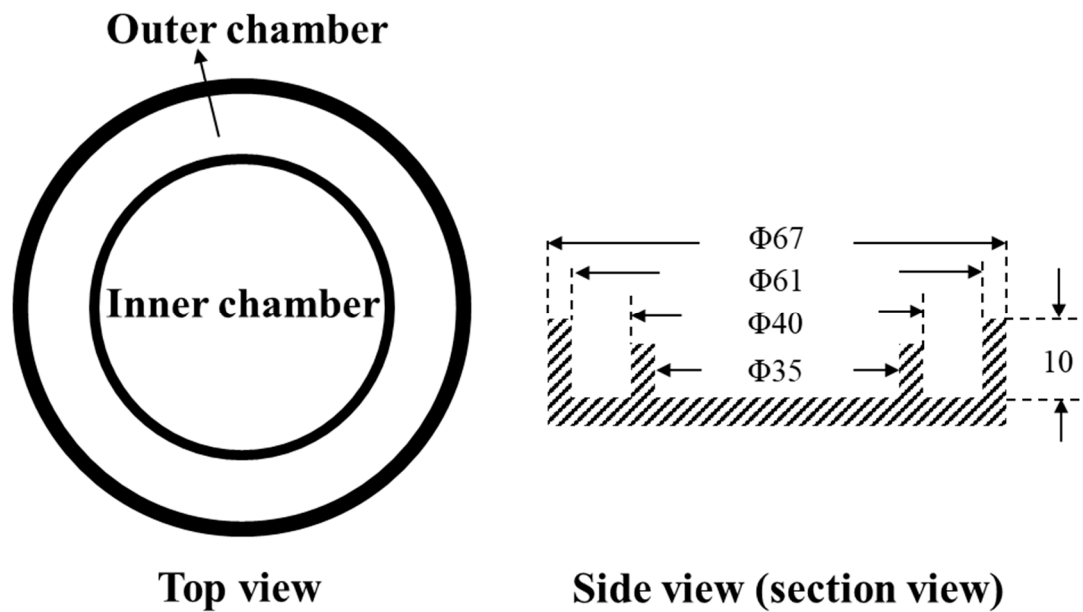
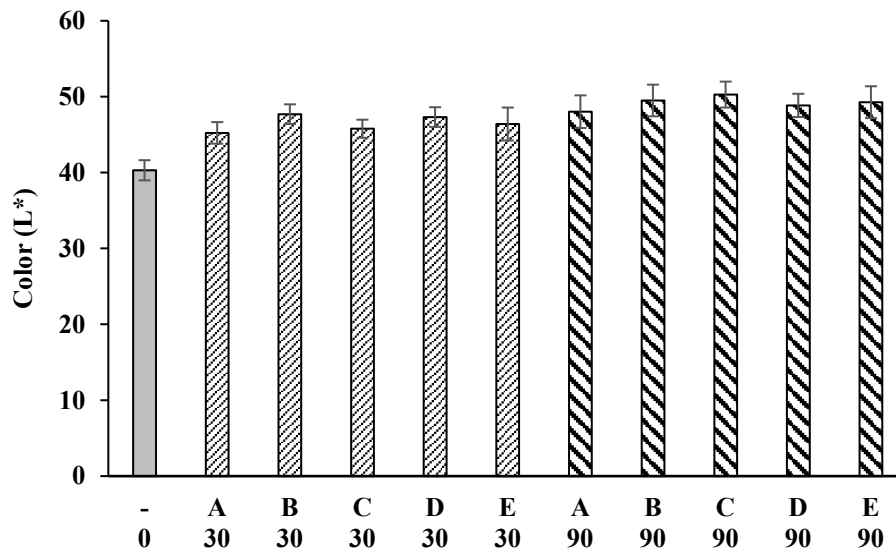


Supplementary Materials



Supplementary Figure S1. Illustration of the micro-diffusion dish.



Supplementary Figure S2. Lightness (L^*) of large-mouth fillet subjected to different freezing/frozen storage treatments. “-”, fresh sample; Group A, Freeze at $-18\text{ }^{\circ}\text{C}$ and storage at $-18\text{ }^{\circ}\text{C}$; Group B, Freeze at $-60\text{ }^{\circ}\text{C}$ and storage at $-18\text{ }^{\circ}\text{C}$; Group C, Freeze at $-60\text{ }^{\circ}\text{C}$ with forced air circulation (wind speed 2 m/s) and storage at $-18\text{ }^{\circ}\text{C}$; Group D, Freeze at $-60\text{ }^{\circ}\text{C}$ and storage at $-40\text{ }^{\circ}\text{C}$; Group E, Freeze at $-60\text{ }^{\circ}\text{C}$ and storage at $-60\text{ }^{\circ}\text{C}$.