

# Predictive Model for Surface Structural Deterioration in Freeze-Dried Amorphous Solids

凍結乾燥アモルファス固体の表面構造劣化に関する予測モデル

The collapse of the surface layer in freeze-dried products impacts their quality, storability, and appearance. This study proposes a predictive approach to prevent collapse by estimating the sublimation temperature of the surface layer. The prediction was evaluated by comparing it with the results from freeze-drying carbohydrate and coffee solutions.

Date: Friday, 31st January 2025, starting at 1:00 PM

Location: Room C303

Presenter: Sukritta Anantawittayanon

本発表は統合生命科学研究科の共同セミナーの対象となります。  
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