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Effect of Ultrasound-Assisted Pretreatment on Osmo-Dehydration Kinetics and Quality of Star Fruit (Averrhoa Carambola L) Slices: An Optimization Study

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Abstract

Ultrasound pre-treated osmo-dehydration of star fruit (*Averrhoa Carambola* L.), an underutilized tropical fruit was successfully employed and the process variables were optimized using response surface methodology (RSM). Ultrasound pre-treatment showed positive effects on osmo-dehydration with 4.36% higher water loss and 2.38% less solid gain. The effect of process variables slices