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EFFECT OF THERMAL TREATMENT ON THE BIOACTIVE COMPOUNDS IN GREEN CHILLI POWDER

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ABSTRACT

The effects of drying methods, such as sun drying at 30- 42 °C, tray drying at 60 °C and lyophilizer drying, on the quality of dried two local varieties of green chilli in India (Pusa Jwara and Jalapeno M) were investigated. It used for drying method for getting powder after that the bioactive compound were determined. The result showed that the bio-active compound were found higher in variety Pusa Jwara than Jalapeno M, also the result showed that the lyophilizer drying method was the best followed by tray drying and sun drying. There were significantly different among the varieties also among drying methods ($P>0.05$). The unique colour attributes in the lyophilizer drying, tray drying, and sun drying samples were green.

KEYWORDS: Green Chilli, Green Chilli Powder, Bioactive Compounds, Drying Methods

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