

## **Modeling and Optimization of Rheological Properties of Jelly Semi-Products**

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**Key words and phrases:** functional products; jelly semi-products; modeling; nettle leaves extract; optimization; pectin; phyto additives; rheological properties.

**Abstract:** The equations of regress describing the influence of prescription components on rheological properties of jelly mass and jellies are received. The prescription ratio of pectin, citric acid and nettle leaves extract, allowing to receive jelly semi-products with the set structurally-mechanical characteristics is obtained.

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