

Lentil Protein Fortification in Cranberry Squash

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Abstract : The protein content of the cranberry squash (protein: 0g) may be increased by extracting protein from the lentils (9 g), which is particularly linked to a lower risk of developing heart disease. Using the technique of alkaline extraction from the lentils flour, protein may be extracted. Alkaline extraction of protein from lentil flour was optimized utilizing response surface approach in order to maximize both protein content and yield. Cranberry squash may be taken if a protein fortification syrup is prepared and processed into the squash.

Keywords : alkaline extraction, cranberry squash, protein fortification, response surface methodology

Conference Title : ICFPTMF 2023 : International Conference on Food Processing Technology and Modified Foods

Conference Location : London, United Kingdom

Conference Dates : January 23-24, 2023