

DEFATTED FLAXSEED MEAL AND FLAXSEED OIL INCORPORATED EXTRUDED SNACK FOOD

Salient features

- Defatted flaxseed meal (DFM), being a low economic value but containing good amount of protein and fiber, is utilized for the production of extruded snack food.
- Flaxseed oil being rich in α -linolenic acid is explored for the production of extruded snack food.
- The complete process technology for the mentioned products was developed.

Advantages

- ✓ DFM incorporated extruded snack food contained higher protein and dietary fiber.
- ✓ Flaxseed oil incorporated extruded snack food contained appreciable amount of omega-3 fatty acid (α -linolenic acid).



A. DFM Extruded Snack Food



B. Flaxseed oil - Snack Food

Process

Technology /

Product

developed by

Year

Source of funding

More

information

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2013-15

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Status of commercialization / Patent / Publications

1. Ganorkar P.M., Patel J.M., Shah V., Rangrej V.V. (2016) Defatted flaxseed meal incorporated corn-rice flour blend based extruded product by response surface methodology. Journal of Food Science and Technology 53(4):1867-77 DOI 10.1007/s13197-015-2134-3.

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2. Ganorkar P.M., Desai P.K., Ranveer R.C. and Nandane A.S. (2020). Effect of Flaxseed Oil Inclusion and Extrusion Cooking Parameters on Extruded Snack-food Physical and Functional Properties. *European Journal of Nutrition & Food Safety*. 12(12): 112-122 DOI: 10.9734/EJNFS/2020/v12i1230371

Technology transfer: Nil