



ASSESSMENT OF CAROB VARIETIES FOR FOOD APPLICATIONS

PROJECT IMIDCA/2022/25 “COOPERATION R&D PROJECT (PIDCOP-CV) 2022”

IFF NUTRITION & BIOSCIENCES IBERICA S.L. has received funds from IVACE for the project “New value-added products from new experimental varieties of carob trees”. The project has had the help of IVACE within the “COOPERATION R&D PROJECTS (PIDCOP-CV) program for the year 2022”, with a subsidy of €27,281.60 and with financing from the European Regional Development Fund (ERDF), at a percentage of 60%, through the FEDER Operational Program of the Valencian Community 2021-2027. The project has been carried out in cooperation with the company PEDRO PEREZ MARTÍNEZ S.L.

OBJECTIVE

The general objective of this project is to offer a comprehensive use of the carob fruit, providing 'added value' to the components not used in the production of locust bean gum: locust bean germ and carob pulp.

RESULTS

As a result of the project, different experimental varieties of carob have been evaluated for the generation of new food ingredients or incorporation of these components in certain food matrices.

Specifically, they have been developed:

- New applications of carob pulp based on its technological properties and nutritional profile.
- TVP (textured vegetable protein) from carob germ.



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