

Product: Rapeseed protein-fibre concentrate  
Novel food category: Food consisting of, isolated from, or  
produced from plants or their parts

Applicant: NapiFeryn BioTech Sp. z o.o.

Date submission: November 2021

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**Rapeseed protein-fibre concentrate**  
Novel Food Ingredient

TECHNICAL DOSSIER

PART I

SUMMARY OF THE DOSSIER

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## 6. Public summary of rapeseed protein-fibre concentrate

Applicant: NapiFeryn BioTech Sp. z o.o.

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The application is submitted pursuant to Regulation (EU) 2015/2283 of the European Parliament and of the Council of 25 November 2015 on novel foods, for the authorisation of rapeseed protein-fibre concentrate. NapiFeryn's rapeseed protein-fibre concentrate is obtained from rapeseed press cake that is a by-product of rapeseed oil production. Rapeseed oil is produced by pressing the seeds of the rape plant from three varieties, *Brassica napus* and/or *Brassica juncea* and/or *Brassica rapa* cultivated in the EU and outside EU. The rapeseed cake is composed of crushed seeds. The rapeseed protein-fibre concentrate consists of 30 – 45% (on dry matter basis; %DM) protein and 40 – 70 %DM dietary fibre. NapiFeryn's rapeseed protein-fibre concentrate is to be marketed under the trade name Raptein™30.

Raptein™30 does not have any previous history of consumption in the EU and is classified as “*food consisting of, isolated from or produced from plants or their parts, except when the food has a history of safe food use within the Union and is consisting of, isolated from or produced from a plant or a variety of the same species obtained [...]*”. Raptein™30 is proposed to be a source of protein and fibre and to be used as a functional ingredient. This product is intended to be used in a wide range of food categories similarly to other protein concentrates and isolates, excluding infant formulas. Any foodstuff containing Raptein™30 shall bear a statement that this ingredient may cause allergic reaction to consumers who are allergic to mustard and products thereof.

Nutrients in NapiFeryn's rapeseed protein-fibre concentrate are expected to be absorbed, digested, metabolised and excreted identically to already authorised rapeseed protein isolate and partially defatted rapeseed powder. Based on the nature, source, and production process of rapeseed protein-fibre concentrate, the product is not expected to be of toxicological concern.

Based on the evidence above, rapeseed protein-fibre concentrate is concluded to be safe for human consumption.