

Summary of the application: Change of specifications for Lacto-*N*-neotetraose NF-2022-11090.

Applicant: Chr. Hansen A/S Boege Alle, 10-12 2970 Hoersholm, Denmark.

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 a change of the specification for the novel food Lacto-*N*-neotetraose produced from a microbial source.

LNT is a HiMO, produced either by chemical synthesis or microbial fermentation. HiMOs are identical to HMOs present in human breast milk, where they have an important function for infant nutrition, the development of the microbiome and a healthy immune system. The manufacture of LNT using genetically modified strains of *Escherichia coli* K-12 or genetically modified strains PS-LNT-JBT and DS-LNT-JBT of *E. coli* BL21(DE3) has been authorised previously.

The identity, manufacturing process, compositional data, history of use, proposed uses and use levels, ADME and toxicological information have been evaluated previously and LNT has been authorised for human consumption.

Building on the established safety of LNT, the applicant proposes to change the specification for LNT derived from microbial source to allow for more flexibility in the production of LNT.

The applicant has provided a rationale to explain this request.

With the information provided, the applicant is confident that the change of the specifications for LNT regarding the production organism is well supported.