

2'-Fucosyllactose SD

Chemical names of active ingredient

2'-Fucosyllactose, 2'-FL, 6-Deoxy- α -L-galactopyranosyl-(1,2)- β -D-galactopyranosyl-(1,4)-D-glucose

CAS-No. 41263-94-9

PRD-No.

30704646*

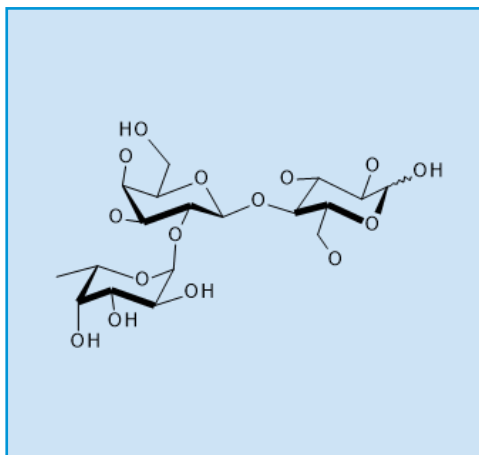
* The product is kosher, halal and suitable for lacto-vegetarian diet.

Article

50624939 10 kg bag in box

Country of origin

EU



$C_{18}H_{32}O_{15}$

Molar mass 488.44 g/mol

Description

White to off-white powder. 2'-Fucosyllactose is produced in a fermentation process using the microorganism *Escherichia coli* K12. This production process guarantees a product of highest quality and purity.

Solubility

Good solubility in water.

Specification

Assay	min. 94% IDM
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For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Monographs

The product meets the specification of the of the current European Union List of novel foods for 2'-Fucosyllactose (microbial source: *E.coli* K-12).

Regulations

2'-Fucosyllactose is listed in the European Union list of novel foods and can be placed on the European Union market, provided the authorized conditions of use, labeling requirements for the final product are respected. For specific questions regarding the legal requirements for marketing of the product in any other countries, please contact your BASF sales representative.

Stability

Stored in its unopened original packaging at room temperature (max. 25 °C), protected from moisture, the product is stable for at least 24 months.

Because the product is hygroscopic, it is recommended to use the entire content of the bag immediately after opening.

Storage/Handling

The product should be transported and stored in the tightly sealed original packaging at a temperature below 25 °C, protected from moisture.

Applications

Food products:

2'-Fucosyllactose is the most abundant oligosaccharide in human milk. Thus infant formulas are a main application for 2'-Fucosyllactose SD. Due to the sensitivity of this consumer group, highest quality and safety standards are applied for this product. When targeting children or adults, further formats like beverages or solid foods (e.g. cereal mixes or bars, are feasible as well).

Dietary supplements:

2'-Fucosyllactose SD can be used in dietary supplement formats like e.g. sachets, shots.

Note

2'-Fucosyllactose SD must be handled in accordance with the Safety Data Sheet.

Country specific legal requirements for the use in the diverse food segments have to be respected.

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December 2018