

Product Technical Dossier

Product	Bifidobacterium Longum 100bn cfu/g
CCL Product Code	P31985

Specification Details

	Specification
Identification	Positive
Assay	Min 100bn cfu/g
Appearance	Powder
Colour	White to off white
Aroma	Characteristic
Flavour	Characteristic

Microbiological Limits

Bacillus Cereus	Max 100cfu/g
Coagulase Positive Staphylococcus	Not Detected/1g
Enterobacteriaceae	Max 10cfu/g
Yeast & Moulds	Max 10cfu/g
E.Coli	Not Detected/1g
Salmonella	Not Detected/25g
Listeria Monocytogenes	Not Detected/25g

Heavy Metal Limits

Lead (Pb)	Max 3ppm
Cadmium (Cd)	Max 1ppm
Mercury (Hg)	Max 0.1ppm

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Additional Technical Information

Raw Material Full Botanical / Chemical Name	Bifidobacterium longum SP54
The material is Food Grade	Yes
Country of Origin	Italy
Country of Manufacture	Italy
Shelf Life from Date of Manufacture	Under the recommended conditions and in the original sealed package, the shelf life of the product is 12 months.
Suitable for Vegetarians?	Yes
Suitable for Vegans?	Yes
Storage Conditions	Cultures should be preferably stored at -18 °C (-0.4 °F) or below

Composition Origin, Function and Percentages

Ingredients	Function	% composition	Source
Bifidobacterium longum	Active ingredient	-	Strain (microbial Bifidobacterium longum)
Corn Starch	excipient	Added ad quantum satis 100%	Maize

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

The allergen information is supplied by the manufacturer, we have not tested for each individual allergen to ensure they are not present. The information given is based on a documented risk assessment and is accurate to the best of our knowledge. If you intend to make a voluntary "free from" claim on your pack, additional testing may need to be carried out. For technical and labelling guidance, you should always speak to the competent authority for the market or member state in which the final products are placed.

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Allergens	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	N/A
Nut and Nut Derivatives <i>Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia)</i>	No	No	N/A
Sesame Seeds and Sesame Seed Derivatives	No	No	N/A
Milk and Milk Derivatives (including lactose)	No	Yes	No
Egg and Egg Derivatives	No	No	N/A
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barleygrass)</i>	No	No	N/A
Soya and Soya Derivatives	No	No	N/A
Lupin and Lupin Derivatives	No	No	N/A
Mustard and Mustard Derivatives	No	No	N/A
Celery or Celery Derivatives (including Celeriac)	No	No	N/A
Fish and Fish Derivatives	No	No	N/A
Molluscs and their Derivatives	No	No	N/A
Crustaceans and their Derivatives	No	No	N/A
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	N/A

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Additives / Contaminants / Dietary Requirements / Intolerances	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Additives / E Numbers	Yes	Yes	E433, E330, E900 are used in broth fermentation
Antioxidants	No	Yes	No
Ethylene Oxide	NO	No	N/A
Gelatine	No	No	N/A
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	No	N/A
Maize / Corn and any Derivatives	Yes	Yes	Corn starch is used as carrier
Legumes / Pulses	No	No	N/A
Rice and Rice Derivatives	No	Yes	No
Added Salt	Yes	Yes	Mineral salts are used in broth fermentation
Added Sugar / artificial or natural sweeteners	Yes	Yes	Sugar is used in broth fermentation
Aspartame	No	No	N/A
BHA / BHT (E320 / E321)	No	No	N/A
Caffeine	No	No	N/A
Colours (Artificial / Nature Identical / Natural / Smoked)	No	No	N/A
Dextrose	Yes	Yes	used in broth fermentation
other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	No	N/A
Kiwi fruit	No	No	N/A
Polyols (sugar alcohols)	No	No	N/A
Grapefruit	No	No	N/A
Sorbic Acid (E200, E203)	No	No	N/A
Any other Preservatives	No	yes	E262 is used in broth fermentation; but no preservatives are added to the freeze dried culture
Ethanol	No	No	No
Honey	No	No	No
Lactose	No	Yes	No
Yeast and Yeast Derivatives	Yes	Yes	Yeast extract is used in broth fermentation
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	Yes	No
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	Yes	No

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Statements

<p>Confirmation of BSE / TSE Status This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.</p>	Yes
<p>This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.</p>	Yes
<p>Confirmation of GM Status This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under current regulations.</p>	Yes
<p>Confirmation of Non-Irradiation Status This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives.</p>	Yes
<p>Confirmation of Nandrolone Status This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.</p>	Yes
<p>Confirmation of IOC Product Status This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee) and or WADA.</p>	Yes
<p>Confirmation of Animal Testing Status This is to certify that all the products sold by Cambridge Commodities have not been tested on animals in any part of its manufacture in accordance with current regulations.</p>	Yes
<p>Confirmation of Pesticides Status This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.</p>	Yes
<p>Confirmation of Nanoparticles Status This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation, defines as follows: "Nanomaterial" means a natural, incidental or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm".</p>	Yes
<p>Packaging Status We hereby certify that the packaging used in the above-mentioned material conforms to EU regulations and subsequent amendments on food grade packaging</p>	Yes
<p>Confirmation of PAH status This is to certify that the above-mentioned product complies with the max PAH limits set by the EU regulations</p>	Yes

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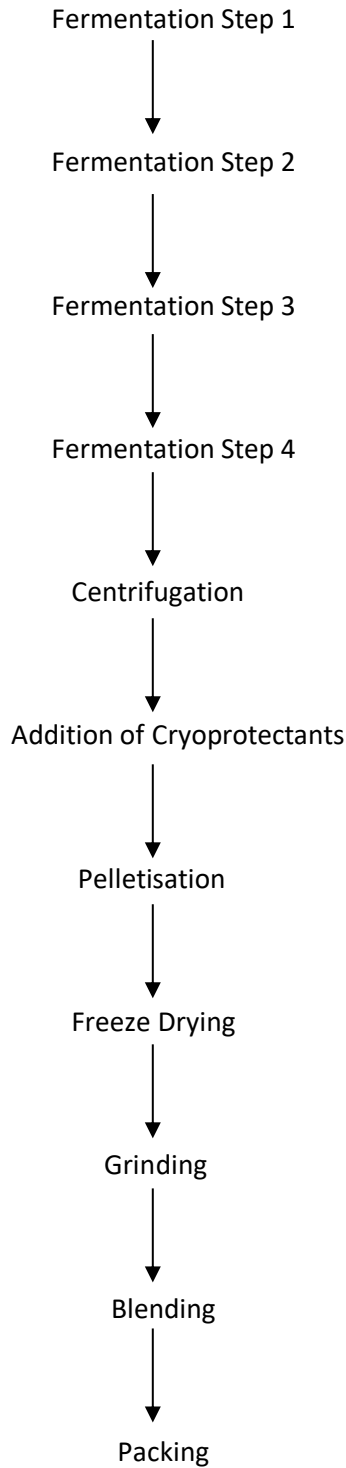
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PRODUCTION FLOW CHART



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Material Safety Data Sheet

To download this product's material safety data sheet, please click [here](#) and search for the Cambridge Commodities product code. If there is no MSDS available, please follow the on-screen instructions to request one.

The Information provided in this document is subject to change and the batch specific certificate of analysis should always be referenced.

To be used as per local legislation.

Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A
2	Amended shelf life and storage conditions, Amended E coli (not detected in 1g) and Coagulase positive staphylococci (not detected in 1g). Updated composition and Allergen (milk on site, no risk of cross-contamination) & Additive Tables (E262 used as preservative, dextrose used in the fermentation broth, E433 and E330 used as additives instead of E331.	Yes
3	Added Corn starch into composition and amended composition to show figures are approximate Added off white to the colour range	YES

Document Approval

Originator	Approver
 Alan Feetham QC Technician <small>X 10/11/2021 09:23</small>	 Casey White Senior Quality Specialist <small>X 10/11/2021 10:47</small>

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