



BIOLIGO® GL-5700 IMF oligosaccharide

BIOLIGO® GL-5700 IMF is a oligosaccharide synthesized from food-grade lactose in the transgalactosylation reaction using β -galactosidases from microorganism and complies with the definition of galacto-oligosaccharide (GOS). It is sold in a syrup form with 57% minimum GOS content.

Label Declaration Recommendation

Galacto-oligosaccharide (GOS)

Please note the botanical origin of starch only needs to be declared if starch contains gluten.

EU Classification:

Food Ingredient

Storage and Handling:

Store in a clean, dry, well-ventilated area between 15 and 25 degrees Celsius in the unopened originally sealed container, away from odorous materials.

Shelf Life:

18 months from date of manufacture if stored correctly. Best before dates printed on each bag.

Safety Data:

Not regarded as hazardous. Please refer to Safety Data Sheet.

Additional Information

Contaminants: Complies with Regulation (EC) 1881/2006, as amended

Pesticides: Complies with Regulation (EC) 396/2005, as amended

Kosher Certificate Yes

Halal Certificate Yes

Sulfur Dioxide (SO₂) none used

Chemical and Physical Properties

	Min	Max	Unit
Solids	74		%
pH	2.8	3.8	-
Galacto-oligosaccharides	57		%
Lactose		17.5	%
Glucose		22	%
Galactose	0.8		%
Viscosity <i>Brookfield 25°C</i>	1000	5000	cP
Ash <i>sulfated</i>		0.3	%
Nitrogen		0.032	%

Physical Appearance

	Typical
Colour	pale yellow
Form	clear syrup

Microbiological Limits

	Max	Unit
TVC (36°C)	300	cfu / g
Yeast	50	cfu / g
Mould	50	cfu / g
E. coli	negative	per 10g
Salmonella	negative	per 375g
Bacillus cereus	100	cfu / g
Clostridium perfringens	negative	per 25g
Coliforms	negative	per 25g
Cronobacter spp. (E. sakazakii)	negative	per 400g
Enterobacteriaceae	negative	per g
Listeria monocytogenes	negative	per 375g
Shigella	negative	per 25g
Staphylococcus aureus	negative	per g
Staphylococci coagulase-positive	negative	per 10g
Streptococcus hemolyticus	negative	per 25g
Anaerobic sulphite reducing spores	10	cfu / g
Anaerobic sulphite reducing clostridia	100	cfu / g

Nutritional Data / 100 g

While this information is typical of the product it should not be considered a specification

	Typical	Unit
Energy	1618	kJ
	384	kcal
Fat	0	g
of which saturates	0	g
Carbohydrates	79.9	g
of which sugar*	34.1	g
Fibre	32.4	g
Protein	0	g
Salt	0	g

Heavy Metals

	Typical	Unit
Arsenic	0.20	ppm
Lead	0.02	ppm
Cadmium	0.01	ppm
Mercury	0.01	ppm

*sugars: fructose, glucose, galactose, lactose

This document is issued on behalf of the Ingredion EMEA Company which is supplying the product. The Ingredion EMEA Companies are part of the Ingredion group of companies. The respective details of each of the Ingredion EMEA Companies are as follows:

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