

Product Sheet

DOC.A3-140-007, Orafti®L92, 1/4



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Orafti®L92

Description

- Orafti®L92 is a food ingredient (liquid) consisting mainly of oligofructose produced by partial enzymatic hydrolysis from chicory inulin.
- Oligofructose consists of oligosaccharides composed of fructose units linked together by β -(2,1)-linkages. Part of the fructose chains are terminated by a glucose unit. The number of fructose and glucose units in oligofructose (Degree of Polymerization = DP) ranges mainly between 2 and 8.

Specifications

Physical and Chemical Parameters

Parameter	Limit	Unit	Reference method ¹	Frequency
Oligofructose	92 ± 2	g/100 g d.m.	AOAC 997.08	Each batch ²
Glucose + fructose + sucrose	8 ± 2	g/100 g d.m.	AOAC 997.08	Each batch ²
Dry matter (d.m.)	75 ± 1	g/100 g	Refractometric	Each batch
Ash (sulphated)	max 0.2	g/100 g d.m.	ICUMSA GS3/4/7/8-11, adapted	Monitoring
Arsenic (total)	max 0.03	mg/kg	ICP-MS	Monitoring
Lead	max 0.02	mg/kg	ICP-MS	Monitoring
Mercury	max 0.01	mg/kg	AAS	Monitoring
Cadmium	max 0.01	mg/kg	ICP-MS	Monitoring

¹ or validated equivalent

² CoA: % carbohydrates (HPLC)

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Microbiological Parameters

Parameter	Limit	Unit	Method ¹	Frequency
Total mesophilic bacteria (aerobes)	max 200	cfu/10 g	ICUMSA GS2/3-41	Each batch
Yeasts	max 10	cfu/10 g	ICUMSA GS2-47	Each batch
Moulds	max 10	cfu/10 g	ICUMSA GS2-47	Each batch
Enterobacteriaceae (incl. coliforms, E. coli)	< 1	cfu/g	ISO 21528-2	Each batch
Clostridia (incl. C. perfringens)	< 1	cfu/g	ISO 15213	Monitoring
Bacillus cereus	max 10	cfu/0.1 g	ISO 7932	Monitoring
Coagulase-positive staphylococci	Not detected	/g	ISO 6888	Monitoring
Salmonella	Not detected	/375 g	ISO 6579	Monitoring
Listeria monocytogenes	Not detected	/25 g	ISO 11290	Monitoring

¹ or acknowledged and validated equivalent

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Additional Information

Carbohydrates	Min. 99.5 g/100 g d.m. (calculated as dry matter minus ash minus protein minus fat)
Appearance*	Viscous syrup
Colour*	Colourless to slightly yellow
Taste*	Sweet
Density*	Approx. 1.38 kg/L at 20°C
Proposed labelling (EU) (other countries)	Oligofructose or fructooligosaccharides Information available upon request
Packaging	Bulk, containers of 1350 kg, 1000 kg, 400 kg and drums of 80 kg
Optimum storage conditions	In a cool place in its original airtight packaging protected from direct sun light
Minimum durability	16 weeks at 25°C from week of product release Product of this type may be stored longer when kept refrigerated (<10°C).
Certification and Compliance	Kosher (certificate available upon request) Halal (certificate available upon request) Suitable for vegetarians & vegans Suitable for gluten-free products: gluten ≤ 10 mg/kg Orafti®L92 is not produced from ingredients or using processing aids that would require allergen labelling as laid down in Regulation (EU) No 1169/2011. Orafti®L92 is produced in Belgium in compliance with applicable Belgian and European Food Law (e.g. Regulation (EC) No 178/2002, Regulation (EC) No 852/2004) and a GFSI-recognized food safety standard.

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Information relevant for Nutrition Declaration

Nutritional information provided in the table shall enable food manufacturers to calculate the contribution of Orafti®L92 in their food products in compliance with the applicable EU/US regulations. More detailed information is available upon request.

Any nutritional claim made using Orafti®L92 is based on an appropriate use level (grams/serving) of commercial product. Please consult your local BENE0 contact with any questions.

Nutrient	Unit per 100 g	Typical Value	
		EU	US
Energy/calories ¹	kJ/kcal	681/168	Not applicable/168
Total Fat ²	g	Negligible³	
Saturates	g	Negligible ³	
Total carbohydrate ⁴	g	Not applicable	75
Carbohydrate ⁵	g	9	Not applicable
(Total) sugars	g	9	9
Added sugars	g	Not applicable	Not applicable ⁶
Dietary fibre ⁷ (AOAC 997.08)	g	66	66
Protein	g	Negligible³	
Salt (sodium)	g	Negligible³	
Vitamins, minerals	g	Negligible³	

- 1 Applying the energy conversion factor of 8 kJ/g or 2 kcal/g as laid down for all fibres in the EU and for all soluble non-digestible carbohydrates in the US
- 2 Applicable to US: trans fats and cholesterol also negligible
- 3 Negligible means "0" according to applicable rounding rules
- 4 Applicable to US: Total carbohydrate includes dietary fibre
- 5 Applicable to EU: Carbohydrate does not include dietary fibre
- 6 Further information available upon request
- 7 EU/US dietary fibre definition: non-digestible carbohydrate oligo- or polymers with three or more monomeric units (DP ≥ 3); excludes inulobiose

Document Code	Version	Valid from
L92 A3-140	007	01-01-2023

Disclaimer

To the best of our knowledge, the information in this sheet is reliable. BENE0-Orafti S.A. warrants all parameters; those marked with an asterisk (*) cannot be subject of complaints.

