

Nutrilac[®] FO-8260

PRODUCT DESCRIPTION:

 Nutrilac[®] FO-8260 is a natural whey protein concentrate.

CHEMICAL SPECIFICATIONS	Units	Min.	Max.	Typical value		
Protein as is (Nx6.38)	%	79,0	83,0	81,2	Each batch	ISO 8968-3 / IDF 20-3
Protein in dm (Nx6.38)*	%	80			Each batch	General calculation
Lactose	%		6,0	1,5	Each batch	ISO 5765-2 / IDF 79-2
Fat	%		12,0	7,5	Each batch	ISO 1736
Ash	%		4,0	2,5	Each batch	NMKL 173
Moisture	%		6,0		Each batch	ISO 6731
Nitrate (NO ₃ -)	ppm		50		Each batch	ISO 14673-2 / IDF 189-2
Nitrate (NO ₂ -)	ppm		5,0		Monitoring	ISO 14673-2 / IDF 189-2

* Limits are theoretically calculated from moisture and protein limits. Protein as is and moisture limits are used for release.

PHYSICAL SPECIFICATION	Unit	Specification		Frequency of analysis	
		Min.	Max.		
pH	10% sol	6,1	7,0	Each Batch	ISO 5546 / IDF 115
Scorched aprticles	Disc	A		Each Batch	ADPI

MICROBIOLOGICAL SPECIFICATIONS	Unit	Specification		Frequency of analysis	Analytical method
		n	Max.		
Total plate count (30 °C)	CFU/g	5	50.000	Each batch	ISO 4833-1
Enterobacteriaceae	CFU/g	5	<10	Each batch	ISO 21528-2
Bacillus cerues	CFU/g	5	<100	Each batch	ISO 7932
Sulph. Red. Clostridia	CFU/g	5	<100	Each batch	ISO 15213
Yeast & mould	CFU/g	5	<100	Each batch	ISO 6611
	Sample size	n	Absent in		
Coagulase-positive staphylococci	1g	1*	1 g	Each batch	ISO 6888-3
Salmonella	250 g	1*	250 g	Each batch	ISO 6579
Listeria monocytogenes	25 g	1	25 g	Monitoring	ISO 11290

Autosampling used for all analysis. * indicates analysis is performed on a composite sample automatically sampled across the batch.

NUTRITIONAL VALUES

VALUES PER 100 G PRODUCT

Energy	1,655/392	kJ/kcal
Calories from fat	68	kcal
Protein (Nx6.25)	79,5	g
Carbohydrate	1,5	g
- of which dietary fiber	n.a.	
- of which sugars	1,5	g
- of which added sugars	0,0	
Fat	7,5	g
- of which saturated fat	4,8	g
- of which trans fat	0,2	g
Cholesterol	n.a.	
Salt	0,4	g
Sodium	0,150	g
VitaMin. D	<1	ug
Calcium	400	mg
Potassium	420	mg
Iron	<2	mg

EU: Energy value is calculated according to Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers.

STORAGE:

Store in closed bags under cool and dry conditions to prevent deterioration due to humidity and high temperatures.

SHELF LIFE:

Minimum 24 months if kept under the prescribed storage conditions.

PACKAGING:

Paper bags with a polyethylene inner liner containing 20 kg net.

ALLERGENS

YES	NO	ALLERGENS	DESCRIPTION OF COMPONENTS
		• Cereals containing gluten and products thereof	
		• Crustaceans and products thereof	
		• Eggs and products thereof	
		• Fish and products thereof	
		• Peanuts and products thereof	
		• Soya beans products thereof	
		• Milk and products thereof (including lactose)	Bovine milk
		• Nuts	
		• (Tree) Nuts and products thereof	
		• Celery and products thereof	
		• Mustard and products thereof	
		• Sesame seeds and products thereof	
		• Sulphur dioxide and sulphites (>10 mg/kg)	
		• Lupin and products thereof	
		• Molluscs and products thereof	

LEGAL REFERENCES:

The product is manufactured, packaged and labelled according to the relevant EU-regulations for food and food ingredients, and/or FAO/ WHO Codex Alimentarius where applicable. This includes that the milk/milk constituents used as raw material originate from healthy cows. The milk used in the production is included in monitoring programmes for undesirable substances as required by regulations or HACCP-based risk assessment. The production plant is approved by the competent authorities and included in the EU register of approved food establishments.

Products manufactured outside EU complies with relevant regulations in the country where the product is produced.

GMO POLICY:

Arla Foods Ingredients Group P/S's objective is to avoid genetically modified ingredients in our products. The requirements we have established for our suppliers ensure that only non-GMO raw materials are used during production of our products. Therefore, our products and the raw materials used do not contain, consist of or are produced from GMOs as defined in regulation (EC) No 1829/2003 and they do not contain ingredients produced from GMOs. Therefore, our products do not need labelling according to Regulation (EC) No 1829/2003 and 1830/2003.

For the definition of GMOs we refer to EU Directive 2001/18/EC.