



PRODUCT NAME:

BDF Naturlagen P3000

PRODUCT CODE:

002236

DESCRIPTION:

Naturlagen is a hydrolysed collagen powder made from skin of wild caught fish from the North Atlantic ocean. The product is free from artificial additives ensuring purity and high quality. The product is enzymatically treated and spray-dried into a granulated powder. The product is produced according to EU regulation 852/2004, 853/2004 – with EU 2016/355 amending Annex III and 854/2004
CAS NO: 92113-31-0/73049-73-7
EC NO: 295-635-5/-
Molecular weight: Approximately 3 kDa
INCI Name: Hydrolyzed collagen

INGREDIENTS:

Skin from Cod, Alaska pollock, Pacific cod, Saithe, Haddock and Pollack

EXPECTED USE AND APPLICATIONS:

Human consumption. Suitable for Celiac, Diabetic and Halal. Non suitable for Kosher

APPEARANCE, TASTE AND AROMA:

Fine white to light yellowish powder, neutral odor and taste, instant soluble in water

GMO STATUS:

This product does not contain and is not produced using any GM ingredients or processing aids and is designated as GMO free according to EU Directive 2001/18/CE, Regulation CE 1829/2003 and Regulation CE 1830/2003.

COUNTRY OF ORIGIN:

Spain

MATERIALS OF ANIMAL ORIGIN:

Fish - Cod (*Gadus morhua*), Alaska Pollock (*Gadus chalcogrammus*), Pacific Cod (*Gadus macrocephalus*), Saithe (*Pollachius virens*), Haddock (*Melanogrammus aeglefinus*) and Pollack (*Pollachius pollachius*).

BEST BEFORE DATE:

36 months when stored in unopened bags at stated conditions of storage. This product should be kept stored in dry conditions at maximum 20 °C.

PACKAGING:

Heat-sealed, blue PE bags of 10 kg

GENERAL SPECIFICATIONS:

PARAMETERS	SPECIFICATIONS
Total plate count	< 1000 cfu/g
Enterobacteriaceae	< 100 cfu/g
Escherichia coli	Negative in 1g
Salmonella	Negative in 25g
Mould and yeast	< 1000 cfu/g
Sulphite-reducing Clostridia	< 100 cfu/g
Listeria monocytogenes	Negative in 25 g
Bacillus cereus	< 100 cfu/g

Material	SPECIFICATIONS (mg/kg)
Cd	< 0.2
Hg	< 0.15
Pb	< 0.10
As	< 1
Zn	< 50
Cu	< 1
Cr	< 1
SO2	< 10

TYPICAL AMINO ACIDS CONTENT:

AMINO ACID	G/100G PROTEIN	AMINO ACID	G/100G PROTEIN
Glycine	25.5	Aspartic acid	6.72
Alanine	9.64	Glutamic acid	10.4
Hydroxyproline	6.96	Methionine	2.09
Proline	11.5	Cystine	0.107
Valine	2.13	Phenylalanine	1.91
Leucine	2.57	Histidine	1.31
Isoleucine	1.44	Arginine	8.96
Serine	6.76	Lysine	3.92
Threonine	2.75	Ornithine	< 0.01

TYPICAL NUTRITIONAL CONTENT:

	UNITS	AVERAGE CONTENT
Energy	Kcal/100g	389
	KJ/100g	1 634
Total solids	%	≥ 92
Protein	g/100g	≥ 95
Ash	g/100g	< 2
Fat	g/100g	< 0,5
Salt	g/100g	< 1
Sodium	g/100g	< 0,5

MATERIAL SAFETY DATA:

Health Considerations: This product is produced for human consumption and conforms to The Food Safety Act 1990 & Regulation (EC) No 178/2002. As with all fine powder products dusting may occur, which could cause irritation to respiratory passages. Prolonged contact with the skin should also be avoided. In the event of powder contact with the eye it is recommended that prolonged irrigation with water should be carried out in the first instance and that medical advice should be sought as soon as possible if problems occur.

Fire & Explosion: This product is non-flammable and non-toxic. As with all fine powder products it is capable of forming flammable dust clouds given the extraordinary conditions necessary for this phenomenon. Under normal conditions of use this hazard is not perceived as significant. As a precaution, sources of ignition should be eliminated and build up of dust on floor and machinery avoided.

Spillage & Disposal: Spillages should be swept up immediately and the affected surfaces cleaned and flushed with hot water. Adequately diluted with hot water this product will not have any adverse effect on effluent management systems.

Handling & Storage: Avoid prolonged inhalation

ALLERGEN LABELLING UNDER EU LEGISLATION 1169/2011 (Annex II)

PRODUCT	Contained (yes/no)	Ingredient
Cereals containing gluten and products thereof	No	
Crustaceans and products thereof	Yes	
Eggs and products thereof	No	
Fish and products thereof	Yes	Fish collagen
Peanuts and products thereof	No	
Soybeans and products thereof	No	
Milk and products thereof (including lactose)	No	
Nuts and products thereof	No	
Celery products thereof	No	
Mustard and products thereof	No	
Sesame seeds and products thereof	No	
Sulphur dioxide and sulphites at concentrations of more than 10 mg/L (expressed as SO ₂)	No	*
Lupin and products thereof	No	
Molluscs and products thereof	No	

*Due to natural content of sulphuric compounds in raw material, analysis of sulphites (SO₂) may show values >10 ppm. This product is not added any sulphiting agents.

Warranty: The details given here are merely intended for information purposes and are in no way legally binding. Consequently we accept no responsibility in the broadest sense of the word for damage that may result from applications based upon this information. Furthermore, this information does not constitute permission to infringe patent and license rights.



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