

GELATINE POWDER 220 Bloom

Product code	SPG
Available formats	SPG50 · 50 g · Stand-up SP100 · 100 g · Stand-up SPG250 · 250 g · Stand-up
Origin	ITALY
Country of packaging	ITALY

The product

Gelatine obtained by partial hydrolysis of collagen, the main protein of animal connective tissue. Appearance: powder, colour from straw yellow to dark yellow, neutral flavour, free from unpleasant odours.

Ingredients

100% Gelatine powder (origin PORK skin)

Use and dosage

Hydrate the gelatine in cold water and leave to rest for 5–10 minutes. Then, dissolve over low heat or in the microwave until about 50–60 °C. Incorporate into the recipe and cool to allow gelification. Recommended dosage: 0,5% - 1% of the total recipe weight.

Shelf life

5 years from production date

Storage

Keep the container tightly closed in a dry and well-ventilated area, away from food, feed, beverages and incompatible materials.

Packaging materials

Bag: LDPE90; label: PAP22.

Environmental information

PLASTIC. Check your local regulations. It is declared that the materials used for packaging the product comply with European Union regulations and are suitable for direct contact with food. The original declaration of conformity is available upon request.

Declarations

NON-GMO: This product does not contain, is not made of, and is not obtained from genetically modified organisms, in accordance with Regulation EC 1829/2003 and Regulation EC 1830/2003 and subsequent modifications. Product is not dangerous under normal use conditions.

PESTICIDES AND CONTAMINANTS: compliant with Regulation EC 396/2005 for maximum residue levels (MRLs) of pesticides and with Regulation EU 915/2023 for the presence of heavy metals, mycotoxins and process contaminants.

GLUTEN FREE: in accordance with Regulation EC 828/2014 it can be labelled as "Gluten free" as the product may contain accidental gluten contamination up to a maximum of 20 mg/kg.

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Nutritional information

Parameter / component	Quantity	Basis	% NRV
Energy	1506 kJ	Per 100 g	—
Energy	360 kcal	Per 100 g	—
Fats	<0,50 g	Per 100 g	—
of which saturated	0,0 g	Per 100 g	—
Carbohydrates	<0,50 g	Per 100 g	—
of which sugars	0,0 g	Per 100 g	—
Fibre	0,0 g	Per 100 g	—
Protein	>85 g	Per 100 g	—
Salt	<0,50 g	Per 100 g	—

Analyses and specific parameters

Category / parameter	Specification	Unit	Method
Chemical-physical Bloom AOAC	220 ± 10		6.67% at 10°C x 18h
Chemical-physical Viscosity	3.3 ± 0.5	mPa.s	6.67% at 60°C American pipettes
Chemical-physical Clarity	< 50	NTU	Solution 6.67%
Chemical-physical pH	4.5-6.0		Solution 6.67%
Chemical-physical Isoelectric point	7.0-9.5		Solution 1%
Chemical-physical Particle size	70	Mesh	ASTM Sieve
Chemical-physical Protein	> 90	%	NTK N x 5.55
Chemical-physical Lipids	< 0,50	%	Ether extraction

Category / parameter	Specification	Unit	Method
Chemical-physical Moisture	< 8	%	16/18 h at 105°C
Chemical-physical Ash	< 2	%	16/18 h at 550°C
Chemical-physical Hydroxyproline	12 ± 2	%	IC-UV
Chemical-physical Sulphur dioxide	< 10	mg/Kg	GME
Chemical-physical Hydrogen peroxide	< 10	mg/Kg	GME
Heavy metals Total heavy metals	< 40	mg/Kg	ICP-MS
Heavy metals Arsenic	< 1	mg/Kg	ICP-MS
Heavy metals Copper	< 30	mg/Kg	ICP-MS
Heavy metals Lead	< 5	mg/Kg	ICP-MS
Heavy metals Zinc	< 30	mg/Kg	ICP-MS
Heavy metals Iron	< 30	mg/Kg	ICP-MS
Heavy metals Mercury	< 0,15	mg/Kg	ICP-MS
Heavy metals Cadmium	< 0,50	mg/Kg	ICP-MS
Heavy metals Chromium	< 10	mg/Kg	ICP-MS
Microbiological Total aerobic count	< 1000	cfu/g	GME
Microbiological Escherichia coli	Absent/ 10 g		GME
Microbiological Sulphite-reducing spores	< 10	cfu/g	ISO 15213-1:2023
Microbiological Salmonella spp	Absent/ 25 g	/ 25 g	GME/E.P.
Microbiological Yeasts and moulds	< 100	cfu/g	ISO 16212:2017

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Allergens and derived products

Presence in the product, in the site, and cross contamination risk are distinct; "To verify" does not indicate absence.

Category	In the product	In the site	Cross contamination risk
Cereals containing gluten	No	No	No
Crustaceans	No	No	No
Eggs	No	No	No
Fish	No	No	No
Peanuts	No	No	No
Soya	No	No	No
Milk (including lactose)	No	Yes	Yes
Tree nuts	No	No	No
Celery	No	No	No
Mustard	No	No	No
Sesame seeds	No	No	No
Sulphur dioxide and sulphites	No	No	No
Lupin	No	No	No
Molluscs	No	No	No

Further information

The indications given in this sheet, although accurate and prepared to the best of our current knowledge, are for informational purposes only and exempt Gioia Group s.r.l. from any liability regarding improper use of the product in question.