

ANALYSIS CERTIFICATE

EDIBLE GELATINE: 220 BLOOM - Kg 1900 - Lot N° 210771

GELATINE FOR HUMAN CONSUMPTION

Production date: 08/06/2021 - BBE: 30/06/2026

<u>Criteria</u>	<u>Value</u>	<u>Test Method</u>
Origin	Calfskin	-
Granulation	60 Mesh	ASTM sieves
Gel strength (AOAC)	220 Bloom	GME
Viscosity	3,32 mPa.s	GME
pH	5,29	GME
Clarity	< 50 NTU	Nephelometry (6,67%)
Peroxides	0 ppm	Peroxides Test Strip
Moisture	8,94 %	GME/USP
Ash	0,15 %	GME
Total count	<1000 ufc/g	GME
E. Coli	0 ufc/10g	GME
Clostridium Sulphite-reducing	0 ufc/g	GME
Salmonella*	0 ufc/25g	GME

* Result obtained from analysis of one day finished product average sample.

Reduced frequency testing in accordance to an internal quality program

<u>Criteria</u>	<u>Value</u>	<u>Test Method</u>
SO ₂	< 10 ppm	Distillation
Heavy metals	< 40 ppm	ICP-MS
As	< 0,2 ppm	ICP-MS
Hg	< 0,05 ppm	ICP-MS
Pb	< 1,5 ppm	ICP-MS
Cd	< 0,1 ppm	ICP-MS
Cr	< 3,0 ppm	ICP-MS
Fe	< 30,0 ppm	ICP-MS
Zn	< 5,0 ppm	ICP-MS
Cu	< 5,0 ppm	ICP-MS

Parameters that are not expressly mentioned in this certificate of analysis comply with the specifications on the product data sheet. Values are expressed as maximum result obtained from periodic analysis made during the last 24 months, in line with the company's Control Plan.