

## TECHNICAL DATA SHEET

**Product: PHARMA GRADE FISH GELATINE 100 - 280 BLOOM** *Lapi code: GLFF 10 - 28*

- Definition:** Gelatine obtained by the hydrolysis of collagen present in fish skin.  
**Identification:** Gelatine of fish raw material typically contains a minimum of 10% Hydroxyproline.  
**Classification:** Pharma grade, according to Eu.Ph. ed. 8.3.  
**Best Before:** 5 years from production date.

### Organoleptic Characteristics

Colour	Yellow pale
Appearance	Granules / powder
Odour	Characteristic

### Chemical-Physical Characteristics

Parameter	Specifics	Analytic method
Moisture	<15 %	Eu. Ph.
SO <sub>2</sub>	< 10 ppm	ICQG302
H <sub>2</sub> O <sub>2</sub>	< 10 ppm	Eu. Ph.
pH	3.8 – 7.6	Eu. Ph.
Isoelectric point	6.0 – 9.5	ICQG309:2 %, 30° C
Zinc	< 30 mg/Kg	ICQG322: AAS
Iron	< 30 mg/Kg	ICQG322: AAS
Chromium	< 10 mg/Kg	ICQG322: AAS
Conductivity	< 1 mS/cm	Eu. Ph.
Proteic contents	> 85 %	NTK Nx 5.55
Viscosity	3,0 – 4,0 MPa.s	ICQG301: 6.67%, 60°C
Lipidic contents	< 1,0 %	Extraction with ether
Gel-strength	100 – 280 g bloom	AOAC: 6,67%, 10°C, 17h,
Turbidity	< 50 FTU	Turbidimeter
Grinding	8 – 70 mesh	Sieve ASTM

### Microbiological Characteristics

Parameter	Specifics	Analytic method
Total aerobic count	< 1000 cfu/g	Eu. Ph.
Yeast and moulds	< 100 cfu/g	Eu. Ph.
E. coli	Neg/1 g	Eu. Ph.
Salmonella	Neg/25 g	GME