

**TECHNICAL DATA SHEET**
**Product: PHARMA GRADE BOVINE GELATINE 80 – 300 BLOOM**
*Lapi code: GLF 8 – 30*
**Definition:** Gelatine Type B obtained by the partial alkaline hydrolysis of collagen present in bovine hides.

**Identification:** Gelatine of bovine raw material typically contains a minimum of 10% Hydroxyproline.

**Classification:** Pharmagrade, 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	4.7 – 5.6	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 N x 5.55
Viscosity	3,0 – 4,0 MPa.s	ICQG301: 6.67%, 60°C
Lipidic contents	< 1,0 %	Extraction with ether
Gel-strength	80 – 300 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.
Yeasts and moulds	< 100 cfu/g	Eu. Ph.
E. coli	Neg/1g	Eu. Ph.
Salmonella	Neg/25g	GME