

TECHNICAL DATA SHEET

Product: PHARMA BOVINE SKIN 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 ₂	< 10 ppm	ICQG302
H ₂ O ₂	< 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
Lipidic contents	< 1,0 %	Extraction with ether
Viscosity	3.0 - 4.5	ICQG301:6.67%,60°C
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