



# Nitta Gelatin India Limited

(Formerly Kerala Chemicals and Proteins Limited)

Joint venture of Kerala State Industrial Development Corporation Ltd. and Nitta Gelatin Inc.

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Website : www.gelatin.in

## SPECIFICATION FOR GELATIN

Product Description: Gelatin 120 Bloom IP

Ref : QA/SPEC/GEN-06/18-19  
Date: 09/04/2018

SI.No.	PROPERTIES	UNIT	SPECIFICATION	TEST METHOD
1	Description	-	Light amber to faintly yellow translucent flakes, sheets, powder or granules; odour, slight. Stable in air but is subject to microbial decomposition when moist or in solution.	IP
2	Identification	-	To pass test A and B	IP
3	Appearance of solution	-	Solution A (1%) should not be more opalescent than the opalescence standard OS4 and not more intensely coloured than reference solution YS4	IP
4	Jelly strength (Bloom value)	g	120 ± 20	IP
5	pH	-	3.8 - 7.6	IP
6	Conductivity	mS/cm	NMT 1	IP
7	Iron	mg / Kg	NMT 30	IP
8	Chromium	mg / Kg	NMT 10	IP
9	Zinc	mg / Kg	NMT 30	IP
10	Sulphur dioxide	mg / Kg	NMT 50	IP
11	Peroxides	mg / Kg	NMT 10	IP
12	Loss on drying	%	NMT 15	IP
13	Microbial limits -			
a)	Total Microbial Count	cfu / g	NMT 1000	IP
b)	Escherichia coli	/ 10 g	Absent	IP
c)	Salmonella	/ 25 g	Absent	IP
d)	Shigella	/ 10 g	Absent	IP
14	Particle Size	Mesh	# 10 pass	IP

**Remarks:**

NMT : Not more than

For Nitta Gelatin India Limited

Dr. K.R. Chitra  
Sr. Manager (Quality Assurance)