

# Rawpharma Biz Private Limited

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Gujarat - 380060

Product Name: Gelatine IP

Sr.No.	TEST	SPECIFICATION	RESULTS
1.	Description	Light amber to faintly yellow, translucent flakes, sheet shreds, Powder or granules, odor, slight , Stable in air but is subject to microbial decomposition when moist or in solution.	Complies
2	Solubility	Soluble in hot water, Practically insoluble in water but swells and softens when immersed in it, insoluble in most organic solvents.	Complies
3	Identification		
A	Test with copper sulphate	Violet color is produced	Complies
B	Gelling property	Contents do not immediately flow out	Complies
4	Appearance of solution	Solution A is not more opalescent than opalescence OS4 and not more intensely colored than reference solution YS4.	Complies
5	PH	5.6 to 6.0	5.67
6	Conductivity	Max. 1.00mS/cm	0.376mS/cm
7	Iron	NMT 30 ppm	Complies
8	Chromium	NMT 10 ppm	Complies
9	Zinc	NMT 30 ppm	Complies
10	Sulphur Dioxide	NMT 40 ppm	19 ppm
11	Phenolic preservative	Should be absent	Absent
12	Ash/Residue on Ignition	NMT 3.5% w/w	1.79 %
13	Loss on drying at 105°C	NMT 11.50 to 12.50 %	11.68%
14	Jelly /Bloom Strength*	110-125 gm	114 gm
15	Viscosity *	25-38 mps	32.16 mps
16	Drop in viscosity *	NMT 18 %	Complies
17	Transmittance of 6.67% Sol <sup>n</sup> at 510 nm*	NLT 30 %	32.1 %
18	Hydrogen peroxide	Should be absent	Absent
19	Grease Content	Max 0.1%w/w	0.03 %
20	Particle size (30 mesh)	Min. 95%	Complies
21	Total Microbial count	NMT 1000 CFU/g	130 CFU/g
22	E. Coli	Absent /1g	Absent
23	Salmonella	Absent /10g	Absent
24	Shigella	Absent/10g	Absent

Note: All the Specifications are Based on Manufacturers COA