



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

**43172 - Gelatin Powder Special ex. Porcine (Type B),
120g Bloom BactoBio for bacteriology - [9000-70-8]**

Batch No

7852375

Analysis Date

17-Jun-2024

Date of Manufacture

June 2024

Expiry Date/Re-Test Date

June 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light yellow, granular powder	Complies
Clarity of solution	Clear to very slightly opalescent	Complies
Solubility	Solubility at 12% : Aqueous solution is clear at 55°C and also after autoclave at 15lbs pressure at 121°C for 15 minutes	Complies
pH	4.5 - 6.3 (1% a.q) at 55°C	5.75 Complies
Gel strength	~ 120g Bloom	Complies
Stability (After autoclaving)	Light amber, clear to very slightly opalescent	Complies
Loss on drying	<= 16.0%	11.17% Complies
Ash	< 3.25%	Complies
Sulphur dioxide	< 0.02%	Complies
Nitrogen (N)	~ 15.0% -16.0%	Complies
Cultural Response	Inoculate and incubate at 37°C for 18-48 hours or upto 2 weeks for the gelatinase tests with the following organisms	
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good, Gelatinase activity : Positive	Complies
Organism	Clostridium sporogenes ATCC 11437	
Inoculum (cfu) 10-100	Growth : Good, Gelatinase activity : Positive	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good, Gelatinase activity : Negative	Complies

FRM/82/11/3/43172 Rev No. 2 Date 22/06/2021

Prepared by **Samrudhi**

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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