



**SISCO
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Certificate of Analysis

Product	50827 - Gentamicin Sulphate (GM) for tissue culture - [1405-41-0]
Batch No	2311063
Analysis Date	03-Oct-2022
Date of Manufacture	October 2022
Expiry Date/Re-Test Date	October 2027
Molecular Formula	C ₂₁ H ₄₃ N ₅ O ₇ ·H ₂ SO ₄
Molecular Weight	575.67

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Off white to Buff	White
Appearance (Form)	Powder	Powder
Assay	min. 590 µg/mg	656 µg/mg
pH (5% aq. solution)	3.5 - 5.5	4.4
Specific rotation [α]	+107° to +121° (C=10, Water)	+108°
Loss on drying	max. 15%	4.8%
IR Identification Test	Passes test	Passes
Suitability for Tissue Culture	Passes	Passes
Not for medicinal use		

FRM/82/11/4/50827 Rev No. 2 Date 13/01/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
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