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Certificate of Analysis

Product	37636 - Gentamicin Sulphate (GM) - [1405-41-0]
Batch No	6377538
Analysis Date	03-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
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	Almost white
Appearance (Form)	Powder	Powder
Assay	min. 590 µg/mg	650 µg/mg
pH (5% aq. solution)	3.5 - 5.5	4.3
Specific rotation [α]	+107° to +121° (C=10, Water)	+108.43°
Loss on drying	max. 15%	4.9%
IR Identification Test	Passes test	Passes
Not for medicinal use	.	

FRM/82/11/4/37636 Rev No. 2 Date 13/01/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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