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Certificate of Analysis

Product	97686 - Chloramphenicol (CFP), 98-102% - [56-75-7]
Batch No	8569579
Analysis Date	24-Dec-2024
Date of Manufacture	December 2024
Expiry Date/Re-Test Date	December 2029
Molecular Formula	C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅
Molecular Weight	323.1

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in Ethanol	Clear	Clear
Assay (UV)	min. 98-102%	99.3%
Melting Point	149 - 153°C	153°C
Specific rotation [α]	+17.0° to +20.0° (C=6, Ethanol)	+17.533°
Sulphated Ash	max. 0.1%	0.02%
Loss on drying	max. 0.5%	0.1%
Chloride (Cl)	max. 0.01%	Passes
Acidity	max. 2.0 ml N%	0.8ml N%
Not for medicinal use		

FRM/82/11/4/97686 Rev No. 3 Date 16/10/2023

Prepared by Amruta

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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