



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

<b>Product</b>	<b>97686 - Chloramphenicol (CFP), 98-102% - [56-75-7]</b>
<b>Batch No</b>	<b>2559394</b>
<b>Analysis Date</b>	14-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 2029
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	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%	98.8%
Melting Point	149 - 153°C	150.2°C
Specific rotation [ $\alpha$ ]	+17.0° to +20.0° (C=6, Ethanol)	+18.471°
Sulphated Ash	max. 0.1%	0.02%
Loss on drying	max. 0.5%	0.2%
Chloride (Cl)	max. 0.01%	Passes
Acidity	max. 2.0 ml N%	1.2 ml N%
Not for medicinal use		

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

Prepared by **Mayur**

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,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.