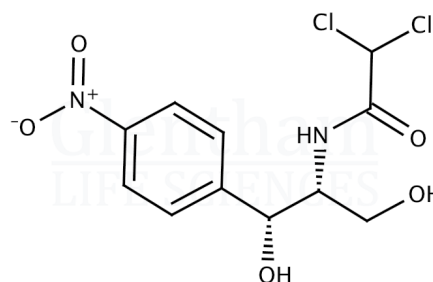


Certificate of Analysis

Product Name Chloramphenicol
Glentham Code GA0258
CAS Number 56-75-7
EINECS 200-287-4
MDL Number MFCD00078159
PubChem SID 310269610
Batch Number 097YRZ

Molecular Weight 323.14
Molecular Formula $C_{11}H_{12}Cl_2N_2O_5$
Storage Temp. +4°C



Property	Specification	Batch 097YRZ
Physical Description	White to light-yellow crystalline powder	Almost white crystalline powder
Solubility (5% in ethanol)	Clear, colourless to light-yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+17.5 - +21.0 ° (c=5, ethanol)	+20.2°
Melting Point	149.0 - 153.0 °C	151.2°C
Chloride (Cl)	≤ 0.01%	≤ 0.01%
Loss on Drying	≤ 0.5%	0.1%
Sulphated Ash	≤ 0.1%	0.04%
Assay	98.5 - 101.5 % (dried basis)	99.0%

Specification Version v1.2
Manufacture Date 2024-10-27
Re-Test Date 2033-03-27

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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