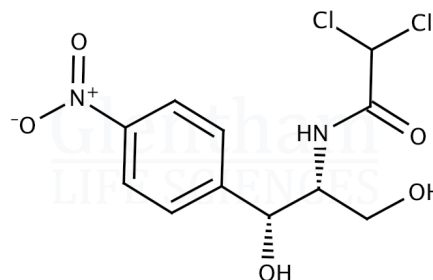


Certificate of Analysis

Product Name	Chloramphenicol, Ph. Eur. grade
Glentham Code	GP6451
CAS Number	56-75-7
EINECS	200-287-4
MDL Number	MFCD00078159
Batch Number	956JCB
Molecular Weight	323.14
Molecular Formula	$C_{11}H_{12}Cl_2N_2O_5$
Storage Temp.	+4°C



Property	Specification	Batch 956JCB
Physical Description	A white, greyish-white or yellowish-white, fine, Light-yellow crystalline powder or crystals	
Melting Point	149.0 - 153.0 °C	151.3°C
Identification (IR)	To conform to standard	Conforms
Acidity or Alkalinity	≤ 0.1ml (of 0.02M HCl or 0.02M NaOH)	Conforms
Specific Optical Rotation ([α] _D ²⁰)	+18.5 - +20.5 ° (c=6, ethanol)	20.2°
Related Substances (TLC)	≤ 0.5%	< 0.5%
Chlorides	≤ 100ppm	< 100ppm
Loss on Drying	≤ 0.5% (105°C)	0.1%
Sulphated Ash	≤ 0.1%	< 0.1%
Assay (dried basis)	98.0 - 102.0 %	99.4%
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version	v1.1
Manufacture Date	2023-05-12
Re-Test Date	2032-02-27

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025