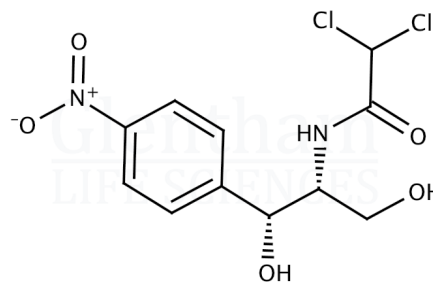


## Certificate of Analysis

Product Name Chloramphenicol  
Glentham Code GA0258  
CAS Number 56-75-7  
EINECS 200-287-4  
MDL Number MFCD00078159  
PubChem SID 310269610  
Batch Number 965OCM

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



Property	Specification	Batch 965OCM
Physical Description	White to light-yellow crystalline powder	Light-yellow crystalline powder
Solubility (5% in ethanol)	Clear, colourless to light-yellow solution	Clear, light yellow solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	+17.5 - +21.0 ° (c=5, ethanol)	20.2°
Melting Point	149.0 - 153.0 °C	151.3°C
Chloride (Cl)	≤ 0.01%	Conforms
Loss on Drying	≤ 0.5%	0.1%
Sulphated Ash	≤ 0.1%	Conforms
Assay	98.5 - 101.5 % (dried basis)	99.4%

Specification Version v1.2  
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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