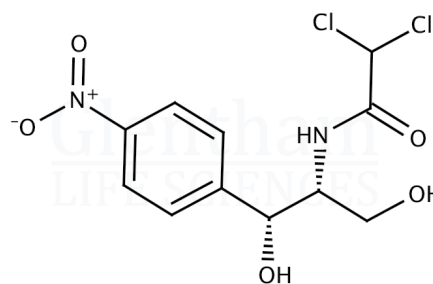


Certificate of Analysis

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 ([α] _D ²⁰)	+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 or contact us using the details above for the current version of this document.

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