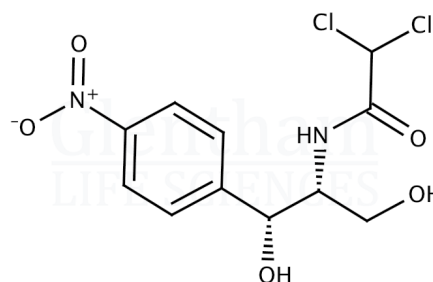


Product Specification

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



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

Specification Version	-	v1.1
Date Created	-	2023-09-28

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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