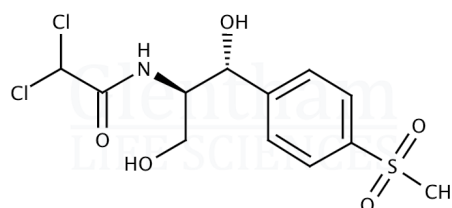


## Product Specification

Product Name	Thiamphenicol, EP grade
Glentham Code	GA2112
CAS Number	15318-45-3
EINECS	239-355-3

Molecular Weight	356.22
Molecular Formula	$C_{12}H_{15}Cl_2NO_5S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to light-yellow crystalline powder
Identification	A, B, C according to EP
Solubility	Slightly soluble in water, very soluble in dimethylacetamide, freely soluble in acetonitrile
Solubility (5% in ethanol)	Clear, colourless to pale yellow solution
Acidity or Alkalinity	≤ 0.1ml (0.02M HCl or 0.02M NaOH required)
Specific Optical Rotation	-21.0 - -24.0 ° (dried basis)
Melting Point	163 - 167 °C
Absorbance	266nm: 25 - 28 273nm: 21.5 - 23.5 224nm: 370 - 400
Chlorides	≤ 200ppm
Heavy Metals	≤ 10ppm
Loss on Drying	≤ 1.0%
Sulphated Ash	≤ 0.1%
Assay	98.0 - 100.5 % (dried basis)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.0
Date Created	-	2016-06-22

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024