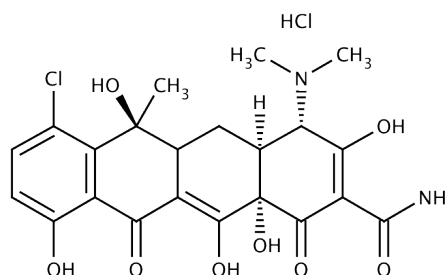


Product Specification

Product Name	Chlortetracycline hydrochloride
Glentham Code	GA8098
CAS Number	64-72-2
EINECS	200-591-7
MDL Number	MFCD00082440
Additional CAS	57-62-5
PubChem SID	310270147
Molecular Weight	515.34
Molecular Formula	C ₂₂ H ₂₃ ClN ₂ O ₈ · HCl
Storage Temp.	-20°C



Property	Specification
Physical Description	Yellow powder
Solubility (5% in 1M NaOH)	Clear, yellow to dark yellow-brown solution
pH (1% in water)	2.3 - 3.3
Specific Optical Rotation ($[\alpha]_{20/D}$)	-235 - -250 ° (c=0.25, water)
Loss on Drying	≤ 2.0%
Tetracycline hydrochloride	≤ 8.0%
Assay	≥ 89.5% (Chlortetracycline HCl, anhydrous)

Specification Version	-	v1.1
Date Created	-	2020-04-23

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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