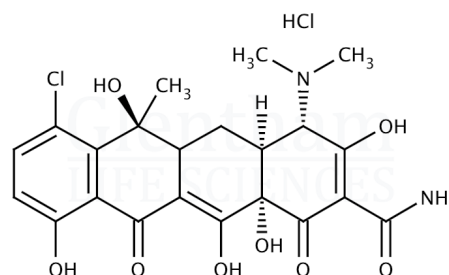


## Product Specification

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	$C_{22}H_{23}ClN_2O_8 \cdot HCl$
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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