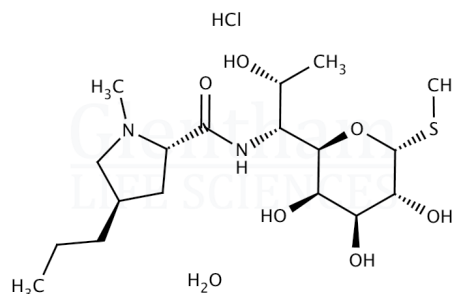


## Certificate of Analysis

Product Name	Lincomycin hydrochloride, EP grade
Glentham Code	GP0215
CAS Number	859-18-7
EINECS	212-726-7
MDL Number	MFCD00083647
Additional CAS	17017-22-0
Additional CAS	7179-49-9 ( $\cdot \text{H}_2\text{O}$ )
Batch Number	115GQM

Molecular Weight	443.00 (anhydrous)
Molecular Formula	$\text{C}_{18}\text{H}_{34}\text{N}_2\text{O}_6\text{S} \cdot \text{HCl} \cdot x\text{H}_2\text{O}$
Storage Temp.	+4°C



Property	Specification	Batch 115GQM
Physical Description	White or almost white crystalline powder	Almost white powder
Identification	A, B, C, D according to EP	Conforms
Solubility (20% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
pH (10% in water)	3.5 - 5.5	4.3
Specific Optical Rotation	+135 - +150 °	+142 °
Lincomycin B	≤ 5.0%	0.65%
Heavy Metals	≤ 10ppm	Conforms
Water	≤ 5.0%	3.6%
Residue on Ignition	≤ 0.5%	≤ 0.1%
Assay	96.0 - 102.0 % (Lincomycin hydrochloride + Lincomycin B hydrochloride (anhydrous basis))	99.4%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2022-04-23
Re-Test Date	2031-06-07

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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