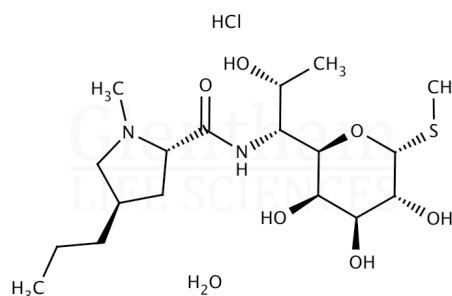


Certificate of Analysis

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 H ₂ O)
Batch Number	115GQM

Molecular Weight	443.00 (anhydrous)
Molecular Formula	C ₁₈ H ₃₄ N ₂ O ₆ S · HCl · xH ₂ 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 or contact us using the details above for the current version of this document.

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