

Specification

Technical Data Sheet

CAS 7179-49-9	STORAGE 2 to 8 &deg;C	MOLECULAR WEIGHT 461.01
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PRODUCT**Lincomycin hydrochloride monohydrate**

Product number	89991821
CAS number	7179-49-9
Molecular formula	C ₁₈ H ₃₄ N ₂ O ₆ S · HCl · H ₂ O
Molecular weight	461.01 g/mol

PARAMETER	SPECIFICATION
Appearance	A white or almost white crystalline powder
Identification	A. IR: Cinsistent with that obtained with Lincomycin hydrochloride reference standard
pH	3.2 -5.4
Water	3.1 -5.8%
Assay (On anhydrous basis lincomycin)	96.0% - 102.0%
Bacterial endotoxins	≤0.5IU/mg
Crystallinity	Conforming
Lincomycin B	≤4.8%
Residual Solvents	n-butanol ≤500ppm octanol ≤100ppm
Specific optical rotation	136° - 149°

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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