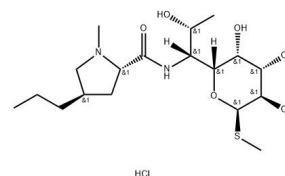


Technical Data Sheet

Lincomycin hydrochloride

Compound Information

Product Name:	Lincomycin hydrochloride
CAS No.:	859-18-7
Molecular Formula:	C ₁₈ H ₃₅ ClN ₂ O ₆ S
Molecular Weight:	443
Storage:	Store at 0 -8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	White or almost white crystalline powder
Solubility	H ₂ O: 50 mg/mL, clear, colorless
Crystallinity	To pass test
Water Content (Karl Fisher)	3.0 - 5.5%
pH	3.5 -5.5
Yeast and Mold	≤ 100 cfu/g
Specific Rotation	[α] _{D20} = +135 to +150 °
Residual Solvents	n-butanol : ≤ 5000 ppm Acetone : ≤ 0.5%
Bacterial Endotoxins	≤ 0.50 IU/mg
Microbial Count	≤ 1000 cfu/g (TAMC)
Potency (Anhydrous Basis)	≥790 µg/mg
Additional Information	Reaction of chloride : The solution gives the reaction of chlorides Lincomycin B: ≤5%
MS	Pass test
1H NMR	Pass test
IR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.