

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 00272

Product **Lincomycin hydrochloride**

Lincocin hydrochloride

Methyl 6,8-dideoxy-6-(1-methyl-4-propyl-2-pyrrolidinecarboxamido)-1-thio-D-erythro- α -D-galactooctopyranoside hydrochloride

CAS Number 859-18-7

Appearance	White or almost white crystalline powder
Solubility	Freely soluble in water, soluble in dimethylformamide, very slightly soluble in acetone.
Crystallinity	To pass test
Water Content (Karl Fisher)	3.0 - 5.5%
pH	3.5 - 5.5
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	$[\alpha]_D^{20} = +135$ to $+150^\circ$
Infrared Spectrum	Conforms to structure
Residual Solvents	n-butanol : ≤ 5000 ppm Acetone : $\leq 0.5\%$
Bacterial Endotoxins	≤ 0.50 IU/mg
Microbial Count	≤ 1000 cfu/g (TAMC)
Potency (Anhydrous Basis)	≥ 790 μ g/mg
Storage	Store at 0 - 8 $^\circ$ C
Additional Information	Reaction of chloride : The solution gives the reaction of chlorides Lincomycin B: $\leq 5\%$

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For Laboratory Use Only