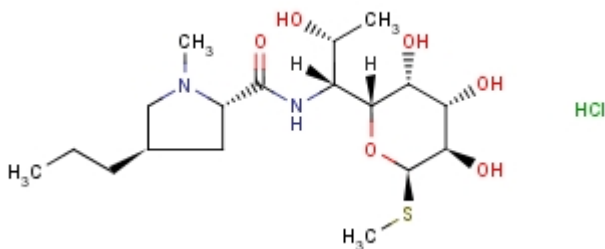


**HANGZHOU DINGYAN CHEM CO.,LTD**

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E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS**NO: DYC091507241**

Product name	Lincomycin Hydrochloride
CAS Number	859-18-7
Molecule Structure	
Molecule Formula	$C_{18}H_{35}ClN_2O_6S$
Batch number	20150422
Manuf&Exp. Date	2015-04-22,2018-04-21
Testing date	2015-04-28

Items	Standard	Result
Characters	A white or almost white, crystalline powder Dissolves in water and methanol,slightly Soluble in ethanol..	A white crystalline powder
Identification A. Infrared Absorption	Infrared Absorbtion spectrum accord with the spectrum of Lincomycin Hydrochlorid CRS	Meets the requirements
D. Reactions of chlorides	The solution gives the reactions of chlorides	Meets the requirements
Appearance of solution	The solution is clear, and not more intensely coloured than reference solution Y6	The solution is clear, and not more intensely coloured than reference solution Y6
PH	3.5-5.5	4.9
Specific optical rotation	+135°-+150°	+141°
Related substances	Impurity A ≤0.5% Impurity B ≤0.5% Impurity C ≤0.2% Any unspecified impurity ≤0.1% Total impurities ≤2.0%	0.2% 0.2% 0.03% 0.04% 0.5%
Heavy metals	≤5ppm	<5ppm
Sulphated ash	≤0.5%	<0.1%

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Water	3.1%-4.6%	3.6%
Bacterial endotoxins	<0.50 IU/mg	<0.50 IU/mg
n-butanol	≤0.5%	Not detected
Acetone	≤0.5%	0.07%
Crystallinity	Meets the requirements	Confirm
Assay	Lincomycin B ≤5% Sum of the contents of Lincomycin Hydrochloride and Lincomycin B Hydrochloride: 96.0%-102.0%	3.1% 98.4%
Conclusion:	The above product conforms to EP7	

QUALITY CONTROL:

Hangzhou Dingyan Chem Co., Ltd.
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China