



## Specification

### Lincomycin Hydrochloride

**CAS Number:** 859-18-7  
**Molecular Formula:** C<sub>18</sub>H<sub>34</sub>N<sub>2</sub>O<sub>6</sub>S-HCl  
**Molecular Weight:** 461.0  
**Storage:** 2-8°C

Test	Specification
Appearance:	A white or almost white crystalline powder
Solubility:	Freely soluble in water soluble in dimethyl formamide, very slightly soluble in acetone
Identification (IR):	Infrared absorption spectrum accord with the spectrum of lincomycin hydrochloride
Crystallinity:	Meets the requirements
pH:	3.0 - 5.5
Specific Optical Rotation:	+135 - +150 °
Water:	3.0 - 6.0 %
Bacterial Endotoxins :	≤ 0.50 IU/mg
n- butanol :	≤ 0.5 %
Acetone:	≤ 0.5 %
Lincomycin B:	≤ 5.0 %
Total Aerobic Microbial Count (TAMC):	≤ 1000 cfu/g
Assay (lincomycin hydrochloride hydrous potency) :	≥ 790 µg/mg

Approved:

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John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojiraafc.com](mailto:docsupport@gojiraafc.com)