



Specification

Clindamycin HCl USP

Catalog Number: CL1001
CAS Number: 21462-39-5
Synonym(s): (7S)-7-Chloro-7-deoxylincomycin hydrochloride, Cleocin
Molecular Formula: $C_{18}H_{33}ClN_2O_5S \cdot HCl$
Molecular Weight: 461.44
Storage: 2°C – 8°C
Retest Date: Two years after date of manufacture.

Test	Specification
Appearance	White crystalline powder
Assay	$\geq 800\mu\text{g}/\text{mg}$
Identification FTIR Chromatographic	To match reference spectrum To match retention of the standard
pH	3.0 – 5.5
Crystallinity	To meet requirements
Moisture	3.0 – 6.0%
Related Compounds Clindamycin B 7-Epiclindamycin Any Other Individual Total Related	$\leq 2.0\%$ $\leq 4.0\%$ $\leq 1.0\%$ $\leq 6.0\%$

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com

Date: September 4, 2018