



Certificate of Analysis

Clindamycin HCl USP

Catalog Number: CL1001
Lot Number: 0904802
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
Date of Manufacture: May 23, 2018
Retest Date: May 22, 2020

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	$\geq 800\mu\text{g}/\text{mg}$	865 $\mu\text{g}/\text{mg}$
Identification		
FTIR	To match reference spectrum	Conforms
Chromatographic	To match retention of the standard	Conforms
pH	3.0 – 5.5	4.31
Crystallinity	To meet requirements	Conforms
Moisture	3.0 – 6.0%	4.4%
Related Compounds		
Clindamycin B	$\leq 2.0\%$	0.42%
7-Epiclindamycin	$\leq 4.0\%$	0.30%
Any Other Individual	$\leq 1.0\%$	0.21%
Total Related	$\leq 6.0\%$	1.6%
This lot meets the specifications for USP36.		

Approved by:

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Date: September 4, 2018