



Specification for Clindamycin Hydrochloride, Monohydrate, USP (CL107)

Item Number	CL107
Item	Clindamycin Hydrochloride, Monohydrate, USP
CAS Number	58207-19-5
Molecular Formula	$C_{18}H_{33}ClN_2O_5S \cdot HCl \cdot H_2O$
Molecular Weight	479.47
MDL Number	
Synonyms	Chlorodeoxylincomycin Hydrochloride ; (7S)-Chloro-7-deoxylincomycin Hydrochloride

Test	Specification	
	Min	Max
POTENCY	800 ug/mg	
CRYSTALLINITY	BIREFRINGENCE AND EXTINCTION POSITIONS OBSERVED	
pH	3.0	5.5
WATER DETERMINATION	3.0	6.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
ORGANIC IMPURITIES	.	
CLINDAMYCIN B		2.0 %
7-EPICLINDAMYCIN		4.0 %
ANY OTHER INDIVIDUAL RELATED COMPOUND		1.0 %
TOTAL RELATED COMPOUNDS		6.0 %
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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