

4004 – CLINDAMYCIN HYDROCHLORIDE

REF NO: TBL/QA/SS/LC/4004	STANDARD SPECIFICATION FOR CLINDAMYCIN HYDROCHLORIDE	Rev. No: 03
Issue No: 04		Review Date: 06/02/2028
Issue Date: 07/02/2025		Product code: 4004

PRODUCT PROPERTIES

C.A.S Number	21462-39-5
Chemical Formula	$C_{18}H_{33}ClN_2O_5S.HCl$
Formula weight	461.44
Functional Uses	Clindamycin HCL is used as laboratory, use as a selective agent in culture media to isolate, identify, or enumerate specific microorganisms. Antimicrobial Susceptibility Testing (AST)
Standard Packaging	5 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White powder
Solubility (Turbidity) 50 mg/ml , water	Clear

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water (%) (By Karl Fischer)	NMT -6.0
Carbon (Dry Basis) %	46.4 – 47.4
Nitrogen (Dry Basis) %	5.8 – 6.4
Purity (%)	NLT – 97.0

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

