

2025 – GENTAMYCIN SULPHATE

REF NO: TBL/QA/SS/LC/2025	STANDARD SPECIFICATION FOR GENTAMYCIN SULPHATE	Rev. No: 03
Issue No: 04		Review Date: 04/02/2025
Issue Date: 05/02/2022		Product code: 2025

PRODUCT PROPERTIES

C.A.S Number	1405-41-0
Chemical Formula	$C_{21}H_{43}N_5O_7H_7SO_4$
Formula weight	575.67
Functional Uses	Gentamicin is used to control of bacterial growth in tissue culture.
Standard Packaging	1 gm. & 5 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White colour powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Specific rotation	+107 to +121°
Ash	NMT – 1.0%
Assay	NLT – 590 µ/mg

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