

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Kanamycin Monosulphate
CAS NUMBER: 25389-94-0
BATCH NUMBER: 25/MFM/3233
MANUFACTURING DATE: June 2025
EXPIRY DATE: June 2028

TESTS	SPECS	RESULTS
Description	White or almost white powder	White Powder
Identification (A,B,C)	Positive	Positive
Crystallinity	Meets the requirements	Complies
Solubility	Clear and colourless solution	Complies
Specific optical rotation	+116.0° - +123.0°	+119°
Loss on Drying	NMT 3.0%	0.36%
pH:	6.5 - 8.5	8
Residue on Ignition	NMT 0.5%	0.19%
Chromatographic purity	Meets the requirements	Complies
Kanamycin B (TLC)	< 2.0%	0.75%
Sulphate	15.0% - 17.0%	15.7%
Bacterial Endotoxin	< 0.4EU/mg	Complies
Assay (on dried basis)	≥760 µg/mg	766 µg/mg
Residual solvents:	Meets the requirements	Complies

Conforms to current US Pharmacopeia specifications.

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22nd December 2025