

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Kanamycin Monosulphate
CAS NO. 25389-94-0
BATCH NO. 20/MFM/2535
MFG. DATE: July 2019
EXP. DATE: July 2022

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%	0.4%
pH:	6.5 - 8.5	8.2
Residue on Ignition	NMT 0.5%	0.03%
Chromatographic purity	Meets the requirements	Complies
Kanamycin B (TLC)	< 2.0%	0.85%
Sulphate	15.0% - 17.0%	15.9%
Bacterial Endotoxin	< 0.4EU/mg	Complies
Assay (on dried basis)	≥760 µg/mg	767 µg/mg

Conforms to current ISP specifications.

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02nd June 2020