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Certificate of Analysis

Technical Data Sheet

Product Name	Levofloxacin
Product No	24520686
CAS Number	100986-85-4
Expiry/Re-test Date	Feb 14th, 2027
Batch Number	212412
Storage Temperature	2 to 8 °C
Molecular Weight	361.37

	Specification	CofA
Water	2.0%—3.0%	2.4%
Assay	98% - 102%	98.8%
Optical Rotation	-92° - -106°	Conforms
Residue on Ignition	≤0.2%	0.01%
Total Impurities	≤0.5%	0.12%
Appearance	White or yellow light crystalline powder	White powder
Identification (IR)	Conforms to the spectrum of Levofloxacin RS	Conforms
Heavy Metal	≤10ppm	Conforms
Identification (HPLC)	The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay	Conforms
Total Impurities	≤0.5%	0.12%
N-Desmethyl levofloxacin	≤0.3%	Conforms
Diamine derivative	≤0.3%	Conforms
Levofloxacin N-oxide	≤0.3%	Conforms
9-Desfluoro levofloxacin	≤0.3%	Conforms
D-Isomer	≤0.8%	Conforms