

Specification

Technical Data Sheet

Product Name	Levofloxacin
Product No	24520686
CAS Number	100986-85-4
Storage Temperature	2 to 8 °C
Molecular Weight	361.37

	Specification
Water	2.0%—3.0%
Assay	98% - 102%
Optical Rotation	-92° - -106°
Residue on Ignition	≤0.2%
Total Impurities	≤0.5%
Appearance	White or yellow light crystalline powder
Identification (IR)	Conforms to the spectrum of Levofloxacin RS
Heavy Metal	≤10ppm
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
Total Impurities	≤0.5%
N-Desmethyl levofloxacin	≤0.3%
Diamine derivative	≤0.3%
Levofloxacin N-oxide	≤0.3%
9-Desfluoro levofloxacin	≤0.3%
D-Isomer	≤0.8%