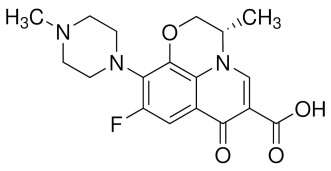
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Product Specification

Product Name : **Levofloxacin 98.0-102.0% anhydrous basis (HPLC)**
Product Number: 28266
CAS Number: 100986-85-4
MDL Number : MFCD00865049
Molecular Formula: $C_{18}H_{20}FN_3O_4$
Formula Weight: 361.37 g/mol



Test	Specification
Appearance (Form) Crystals or Powder	Conforms
Appearance (Color) Light Yellowish-White to Yellow-White	Conforms
Specific Rotation	-106 - -92 °
Identification A Infrared absorption	Conforms
Identification B The retention time of major peak of the sample solution corresponds to that of the standard solution as obtained in the assay	Conforms
Water	2.0 - 3.0 %
Residue on Ignition	≤ 0.2%
Related Substances (HPLC USP): Total impurities	≤ 0.5%
Assay (HPLC) (Anhydrous basis)	98.0 - 102.0 %
Results Provided by Supplier	----------
Shelf Life Defined by Supplier	----------
Handled & Packed Under ISO9001	----------
Released by Retest date	----------

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Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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For further information please contact mlsbranding@sial.com