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Certificate of Analysis

Catalogue Number	96064
Lot Number	002179-2503584
Product	Levofloxacin (S)-Ofloxacin
CAS Number	138199-71-0
Molecular Formula	C ₁₈ H ₂₀ FN ₃ O ₄ ·1/2 H ₂ O
Molecular Weight	370.38
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Appearance	Yellowish white crystalline powder
Solubility	Passes test
Water Content (Karl Fisher)	2.5%
Optical Rotation	[α] _D ²⁰ = -97.3 °
Related Substances	Any other impurities : < 0.1% Any unknown impurity : < 0.1% Levofloxacin related compound A : < 0.1% Levofloxacin related compound B : < 0.1% Total impurities : 0.1% Total impurities : 0.2%
Assay (anhydrous basis)	100.8%
Storage	Store at 2-8 °C
Additional Information	Identification : Passes test Residue after ignition : 0.1% Diamine derivative : < 0.05% D-Isomer : 0.2% Levofloxacin N-oxide : < 0.05% 9-Desfluoro levofloxacin : < 0.05% N-Desmethyl Levofloxacin : < 0.1%
Country of Origin	China

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager