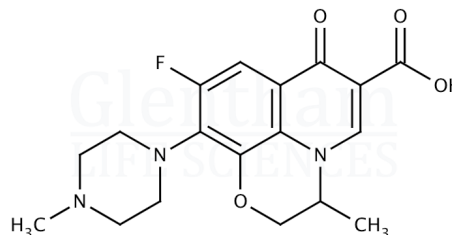


Certificate of Analysis

Product Name Levofloxacin
Glentham Code GA6417
CAS Number 100986-85-4
MDL Number MFCD00865049
Additional CAS 138199-71-0 (0.5H₂O)
PubChem SID 310275781
Batch Number 407BTH

Molecular Weight 361.37 (anhydrous)
Molecular Formula C₁₈H₂₀FN₃O₄ · xH₂O
Storage Temp. +20°C



Property	Specification	Batch 407BTH
Physical Description	White to light-yellow powder	Light-yellow powder
Assay	98.0 - 102.0 % (anhydrous basis)	99.4%
Water	2.0 - 3.0 %	2.4%
Residue on Ignition	≤ 0.1%	0.04%
Heavy Metals	≤ 10ppm	Conforms
Related Substances	Impurity A: ≤ 0.20%	0.12%
	Impurity B: ≤ 0.13%	0.08%
	Any Other Impurity: ≤ 0.1%	Conforms
	Total Impurities: ≤ 0.5%	0.34% (not including D-isomer)
Enantiomeric Purity	D-Ofloxacin: ≤ 1.0%	0.27%
Pharmacopoeia Specification(s)	USP	Conforms to USP34

Specification Version v1.0
Manufacture Date 2014-01-15
Re-Test Date 2025-05-01

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024