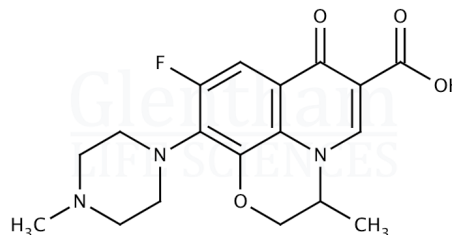


## Certificate of Analysis

Product Name Levofloxacin  
Glentham Code GA6417  
CAS Number 100986-85-4  
MDL Number MFCD00865049  
Additional CAS 138199-71-0 (0.5H<sub>2</sub>O)  
PubChem SID 310275781  
Batch Number 407BTH

Molecular Weight 361.37 (anhydrous)  
Molecular Formula C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub> · xH<sub>2</sub>O  
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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