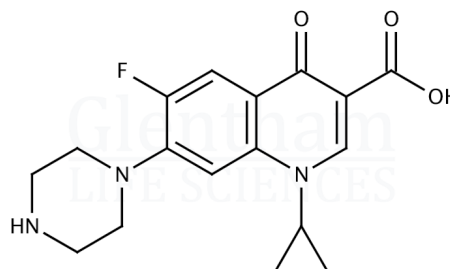


Certificate of Analysis

Product Name	Ciprofloxacin, USP grade
Glentham Code	GA9068
CAS Number	85721-33-1
MDL Number	MFCD00185755
PubChem SID	310270281
Batch Number	372JBC
Molecular Weight	331.30
Molecular Formula	$C_{17}H_{18}FN_3O_3$
Storage Temp.	+20°C



Property	Specification	Batch 372JBC
Physical Description	White to off-white powder	Off-white crystalline powder
Identification (IR)	To conform to standard	Conforms
Identification (HPLC)	To conform to standard	Conforms
Solubility (2.5% in 0.1M HCl)	Clear to slightly opalescent solution	Conforms
Fluoroquinolonic acid	≤ 0.2%	Conforms
Ciprofloxacin Ethylenediamine Analog	≤ 0.2%	0.1%
Any Individual Unspecified Impurity	≤ 0.2%	0.1%
Total Impurities	≤ 0.5%	0.3%
Residue on Ignition	≤ 0.1%	Conforms
Loss on Drying	≤ 1.0% (120°C, 6h)	0.4%
Assay (HPLC)	98.0 - 102.0 % (dried basis)	99.6%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.1
Manufacture Date	2023-01-10
Re-Test Date	2031-01-13

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.

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