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## 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 331.30 Molecular Weight Molecular Formula  $C_{17}H_{18}FN_3O_3$ Storage Temp.

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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