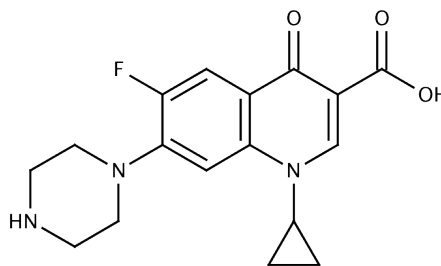


## Product Specification

Product Name : Ciprofloxacin hydrochloride monohydrate  
Glentham Code : GA2367  
CAS Number : 86393-32-0  
MDL Number : MFCD00242856  
Additional CAS : 93107-08-5 (anhydr.)  
Additional CAS : 86483-48-9 (anhydr.)  
PubChem SID : 310270282



Molecular Weight : 385.82  
Molecular Formula : C<sub>17</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>3</sub> · HCl · H<sub>2</sub>O  
Storage Temp. : +20°C

Property	Specification
Physical Description	White to pale-yellow powder
Identification	According to USP
pH (2.5% in water)	3.0 - 4.5
Sulphate (SO <sub>4</sub> )	≤ 0.04%
Heavy Metals	≤ 20ppm
Organic Impurities	Any Individual Impurity: ≤ 0.2% Total Impurities: ≤ 0.5%
Residue on Ignition	≤ 0.1%
Water	4.7 - 6.7 %
Assay	99.0 - 101.0 % (anhydrous)
Pharmacopoeia Specification(s)	USP

Specification Version : v1.0  
Date Created : 2014-02-27

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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