

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	38445
Lot Number	002197-220313
Product	Ciprofloxacin hydrochloride monohydrate Ciprofloxacin HCl
CAS Number	86393-32-0
Molecular Formula	C ₁₇ H ₁₈ FN ₃ O ₃ •HCl•H ₂ O
Molecular Weight	385.83

Appearance	Faintly yellowish to light yellow crystalline powder
Solubility	Passes test
Refractive Index	Ethanol : 151 ppm Methylbenzene : Not detected Isoamyl alcohol : Not detected
Heavy Metals	< 20 ppm
Anion	Fluorine : 4.9%
Water Content (Karl Fisher)	6.4%
pH	3.7
Infrared Spectrum	Conforms to structure
Related Substances	Ciprofloxacin Ethylenediamine : 0.08% Fluoroquinolonic acid : 0.06% Any other single impurity : 0.06% Total impurities : 0.15%
Residue On Ignition	0.03%
Purity by HPLC	99.8%
Grade	USP
Storage	Store at 2 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager