

Specification

Technical Data Sheet

Product Name	Ciprofloxacin
Product No	39826880
CAS Number	85721-33-1
Storage Temperature	-15 to -20 °C
Molecular Weight	331.34
	Specification
Appearance	White crystalline powder
Heavy metals	≤0.002%
Identification	IR: conforms to the USP Ciprofloxacin RS spectrum. HPLC: the retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay.
Loss on Drying	≤1.0%
Any other single impurity	≤0.2%
Assay	98.0 - 102.0% (on the dried basis)

Specification

Chloride	≤0.02%
Clarity of Solution	Clear to slightly opalescent (0.25 g/10 mL 0.1 N hydrochloric acid)
Limit of Fluoroquinolonic Acid	≤0.2%
Residue on Ignition	≤0.1%
Sulfate	≤0.04%
Total Impurities	≤0.5%
Ciprofloxacin ethylenediamine analog	≤0.2%
