

CERTIFICATE OF ANALYSIS

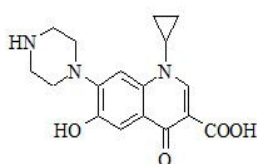
Reference Substance

Date

Ciprofloxacin Impurity F

Batch No.

IUPAC Name: 1-Cyclopropyl-1,4-dihydro-6-hydroxy-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic Acid.

Molecular Formula: C₁₇H₁₉N₃O₄

Molecular weight: 329.35g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Pale yellow colored solid	-----
2	Purity by HPLC	99.57%	Chromatogram attached
3	NMR	Conform	Report attached
4	MASS	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight**Shipment date:**

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:**Retest date:****Document data reference:***Prepared by**Reviewed by**Approved by*