

## CERTIFICATE OF ANALYSIS

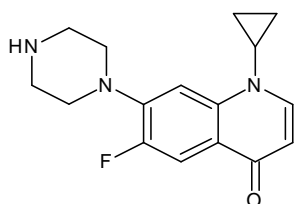
Reference Substance

Date

**Ciprofloxacin Impurity-E**

Batch No.:

IUPAC Name: 1-cyclopropyl-6-fluoro-7-(piperazin-1-yl)quinolin-4-(1H)-one.

Molecular Formula: C<sub>16</sub>H<sub>18</sub>FN<sub>3</sub>O

Molecular Weight: 287.33

Sr.#	Test	Results	Data ref.
1	Appearance	Off white colored powder	-----
2	Purity by HPLC	99.49%	Chromatogram attached
3	MASS	Conform	Report attached
4	NMR	Conform	Report attached

**Storage condition:** Store at 2-8 degree temperature and protect from direct sunlight.**Shipment date:**

This certificate of analysis is valid for two 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*