



Ciprofloxacin 2% Solution, 5X With 2% Ciprofloxacin in sterile tissue culture grade water

Product Code: A032

Product Description :

Ciprofloxacin is a fluoroquinolone antibiotic that is effective against a wide range of gram positive and gram negative bacteria. It is most well-known for its effectiveness against mycoplasma. The mode of action of this antibiotic is by interfering with the bacterial enzyme DNA gyrase. DNA gyrase is necessary for bacterial synthesis, replication, and transcription in both the active and non-active growth phases of the bacterial life cycle.

A032 is a sterile filtered solution formulated to contain 2% ciprofloxacin in tissue culture grade water.

Storage and Shelf Life:

Store at 2 - 8°C.

Shelf life of the product is 18 months

Use before expiry date given on the product label.

Directions :

Recommended use concentration is 1ml/L. Sensitive cell lines may react differently to this product. Hence it is recommended to determine optimum usage dose empirically for individual cell line.

Quality Control:

Appearance

Colorless, clear solution.

pH

3.60 - 4.20

Osmolality in mOsm/Kg H₂O

20.00 - 60.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Cultural Response

- 1.No toxicity to cells.
- 2.Antibiotic Sensitivity

Disclaimer :

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