

Glutamine – Penicillin - Streptomycin 100X**CAT N°** : SLG-505-100**Storage conditions** : -20°C**Shelf life** : 24 month**Sterility tests** :

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

Endotoxin : <10 EU/ml**Composition** : Displayed on website,also available on request.**Potency of the penicillin in solution:** 10 000 U/ml**Recommended use** :

Use in cell culture applications at 10 ml/l. This concentration is for tissue culture media containing serum; serum-free media generally require lower concentration.

- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store product in an area protected from light
- Manipulate the product in aseptic conditions (e.g. : under laminar air flow)
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall...)
- In order to preserve all product qualities, it is recommended to thaw out the flask, to aliquote, then to re-freeze the produced flasks rather than to thaw out and re-freeze the flask at each use.
- It is recommended to use the product immediately after its thaw out.

The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.

Stability : 3 days at 37°C**Mode of Action** :

Penicillin acts by inhibiting bacterial cell wall synthesis.

Streptomycin inhibits prokaryote protein synthesis by preventing the transition from initiation complex to chain-elongating ribosome and causes miscoding.

Antimicrobial spectrum :

Gram-negative and Gram-positive bacteria.