

Penicillin-streptomycin-L-glutamine

Product Use

Penicillin-streptomycin-L-glutamine is a broad spectrum bacteriostatic and bactericidal, with activity against gram negative and gram positive organisms. It also contains the essential amino acid L-glutamine which is necessary for cell culture growth. Upon thawing, activity decreases rapidly.

Formula

| | |
|----------------------|-----------------|
| L-glutamine | 29,225 mg/L |
| Potassium penicillin | 25,000 units/ml |
| Streptomycin sulfate | 25,000 mcg/ml |

Usage

4 ml/L

Specifications

| Sterility | pH | Osmolality (mOsm) |
|-----------------------|-------------------|-------------------|
| negative | 4.63-6.91 | 307-350 |
| Cell growth promotion | Endotoxin (EU/ml) | |
| ≥75% of control | FIO | |

Storage

-10°C to -20°C

Product Use Statement

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

Ordering Information

| Catalog number | Description | Size |
|----------------|--|-------------|
| 17-718R | Penicillin-streptomycin-L-glutamine; 25,000 units/ml potassium penicillin and 25,000 mcg/ml streptomycin sulfate and 29.2 mg L-glutamine per ml | 25 x 4.5 ml |