



ECM0010D

Antibiotic-Antimycotic 100X

Description	Antibiotic-Antimycotic 100X
Format	100 ml
Producer	Euroclone
Code Producer	

General Features

Antibiotic solution to avoid bacterial and fungal contamination in cell culture.
Suggested working concentration: final concentration of 10 ml/L of culture medium.

pH	6.0 – 7.5
Osmolality	300 – 400 mOsmol/kg
Endotoxin	≤ 10 EU/ml
Cell culture	testato
Sterility	testato

Formulation:

Penicillin	10.000 Units/ml
Streptomycin Sulphate	10 mg/ml
Amphotericin B	25 µg/ml
Solvente	0.9 % NaCl

Quality Control:

Verify the sterility of the medium by screening for specific bacteria in soil microbial and mycoplasma like thioglycollate broth and trypticase soy broth.

Check the pH with potentiometric measurement at room temperature and osmolality by cryoscopic measurement by analysis sag.

The buffer capacity is verified by titration with a standard acid solution.

Cytotoxicity test is performed on cultures of MRC-5 cells.

Preservation of Product:



The solution must be stored at -20°C . Under these conditions the product may be maintained for 24 months from date of manufacture.

Avoid freeze and thaw cycles, divided in small aliquotes and use immediately once opened.

Euroclone S.p.A.

A handwritten signature in black ink, appearing to read "Franco Rusconi".