WISENT BIOPRODUCTS

CERTIFICATE OF ANALYSIS

PENICILLIN STREPTOMYCIN SOLUTION,

5 000 I.U./mL PENICILLIN, 5 000 µG/mL STREPTOMYCIN, STERILE

Catalogue No: 450-200-**

Lot No: 450200045

Expiration date: 06/2025

MSDS: Available upon request

Shipping: Frozen

Storage: Store frozen at -20°C

TEST	SPECIFICATION	UNITS	RESULTS
Appearance	Clear colorless solution	NA	Conform
pH	4.0 – 7.0	NA	5.61
Osmolality	INFO	mOsm	357
Endotoxin 1:50	≤ 0.25	EU/ml	Conform
Antimicrobial Activity 1:50 dilution	Inhibition of *S. aureus* & *E. coli*	NA	Pass
Sterility by USP	Pass	NA	Pass

ADDITIONAL INFORMATION:

STABILITY: This liquid media has a data supporting a shelf life of 12 months when properly stored avoid freezing of this media, as it may cause precipitation upon thawing.

PREPARATION: Suggested working concentration: 20mL/L. Solution stability at 37ºC: 3 days. Add the appropriate amount of antibiotic to sterile media in order to obtain the required working concentration. Mix well and sterile filter (optional, reduces chances of contamination). Working concentration: selection of the proper working concentration is a balance between strong antibiotic effect and the concern for negative effects to the cells of importance. The working concentration should be varied above or below the suggested value to optimize for the cells.