

PENICILLIN STREPTOMYCIN SOLUTION,*5 000 I.U./ML PENICILLIN, 5 000 µG/ML STREPTOMYCIN, STERILE***Catalogue No:** 450-200-****MSDS:** Available upon request**Lot No:** 450200048**Shipping:** Frozen**Expiration date:** 02/2028**Storage:** Store frozen at -20°C

TEST	SPECIFICATION	UNITS	RESULTS
Appearance	Clear colorless solution	NA	Conform
pH	4.0 – 7.0	NA	5.59
Osmolality	INFO	mOsm	310
Endotoxin 1:50	≤ 0.25	EU/ml	Conform
Antimicrobial Activity	Inhibition of <i>S. aureus</i> & <i>E. coli</i>	NA	Pass
1:50 dilution			
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 37°C: 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.

For Research Use or Further Manufacturing