CERTIFICATE OF ANALYSIS

GENTAMYCIN SULFATE

50 MG/ML SOLUTION, STERILE

Catalogue no.: 450-135-**

Lot no.: 450135150

Expiration date: 03/2026

MSDS: Available upon request

Shipping: Ambient

Storage: Store refrigerate at 2-8°C

TEST	SPECIFICATION	UNITS	RESULTS
Appearance	Clear light yellow Solution	NA	Clear light yellow Solution
pH	4.4 ± 0.5	NA	4.52
Osmolality	100 - 175	mOsm/kg of water	119
Endotoxin1 :1000 dilution	≤ 0.25	EU/mL	Conform
Antimicrobial Activity 1:1000 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 24 months when properly stored avoid freezing of this media, as it may cause precipitation upon thawing.

PREPARATION: 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.