

Penicillin-Streptomycin Technical Sheet

Introduction

Penicillin-Streptomycin is a broad spectrum bacteriostatic and bacteriocidal, with activity against gram negative and gram positive organisms.

Description & Usage

The suggested working concentration of Penicillin-Streptomycin is 100 units of Potassium Penicillin and 100 µg of Streptomycin Sulfate per 1 ml of culture media.

Cat. No.	Product	Suggested Usage Volume
17-603	5,000 units/ml Potassium Penicillin 5,000 µg/ml Streptomycin Sulfate	20 ml/L
17-602	10,000 units/ml Potassium Penicillin 10,000 µg/ml Streptomycin Sulfate	10 ml/L
09-757	20,000 units/ml Potassium Penicillin 20,000 µg/ml Streptomycin Sulfate	5 ml/L
17-719	25,000 units/ml Potassium Penicillin 25,000 µg/ml Streptomycin Sulfate	4 ml/L

Specifications

Cat. No.	Sterility	pH	Osmolality (mOsm)	Toxicity	Endotoxin (EU/ml)
17-603E	Negative	3.61-7.29	FIO	Pass	FIO
17-602E	Negative	3.61-7.29	FIO	Pass	FIO
17-602F	Negative	3.61-7.29	FIO	Pass	FIO
09-757F	Negative	3.61-7.29	FIO	--	--
17-719R	Negative	3.61-7.29	120-146	Pass	FIO

Storage

-10°C to -20°C

Ordering Information

Penicillin-Streptomycin

Cat. No.	Product	Description
17-603E	Penicillin-Streptomycin 50x Mixture	Contains 5,000 units Potassium Penicillin and 5,000 µg Streptomycin Sulfate per ml in 0.85% saline, 100 ml
17-602E	Penicillin-Streptomycin 100x Mixture	Contains 10,000 units Potassium Penicillin and 10,000 µg Streptomycin Sulfate per ml in 0.85% saline, 100 ml
17-602F	Penicillin-Streptomycin 100x Mixture	Contains 10,000 units Potassium Penicillin and 10,000 µg Streptomycin Sulfate per ml in 0.85% saline, 500 ml
09-757F	Penicillin-Streptomycin 200x Mixture	Contains 20,000 units Potassium Penicillin and 20,000 µg Streptomycin Sulfate per ml in 0.85% saline, 500 ml
17-719R	Penicillin-Streptomycin 250x Mixture	Contains 25,000 units Potassium Penicillin and 25,000 µg Streptomycin Sulfate per ml in 0.85% saline, 24 x 4.5 ml

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