FLUID D

Solution used for diluting or rinsing when performing sterility testing.

TYPICAL FORMULA (g/l)

Peptone	1.0
Tween 80	1.0
Final pH 7.1 ± 0.2	

DESCRIPTION

FLUID D is a solution used for diluting or rinsing when performing sterility testing, conform with specifications of The United States Pharmacopeia (USP).

PRINCIPLE

Peptone is a source of aminoacids and proteins. Tween 80 acts as a surfactant to break down the lecithin or oils present.

PREPARATION

Check the content of the bottle is homogeneous and clear; if it is the case repeatedly turn the bottle upside down.

TECHNIQUE

FLUID D is a solution used for diluting or rinsing when performing sterility testing. This fluid aid in the complete rinsing of the membrane filter apparatus and is not toxic to microorganisms.

STORAGE

10-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. United States Pharmacopeial Convention, Inc. 2001. The United States pharmacopeia 25/The national formulary 20 – 2002. United States Pharmacopeial Convention, Inc., Rockville, Md.
2. Council of Europe. 2002. European pharmacopeia, 4th ed. Council of Europe, Strasbourgh, France.

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PRODUCT SPECIFICATIONS

NAME
FLUID D

PRESENTATION
Glass bottles with perforable cap containing 100 ml of solution.

PACKAGING

Code	Content	Packaging
495040	6 bottles x 100 ml	6 bottles in cardboard box

pH OF THE MEDIUM
7.1 ± 0.2

USE
FLUID D is a solution used for diluting or rinsing when performing sterility testing, conform with specifications of The United States Pharmacopeia (USP).

TECHNIQUE
Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM
Nearly colorless, clear solution.

SHELFLIFE
2 years

QUALITY CONTROL
1. Control of general characteristics, label and print
2. Sterility control
   2 days at 20 ± 2°C, in aerobiosis
   1 day at 36 ± 1°C, in aerobiosis
3. Microbiological control
   Inoculum for productivity: 10-100 UFC/ml
   Incubation conditions: 24 h at 36+/-1°C

Microorganism		Growth on subculture medium
Klebsiella pneumoniae	ATCC 13883	Good
Escherichia coli	ATCC 25922	Good
Proteus mirabilis	ATCC 25933	Good
Pseudomonas aeruginosa	ATCC 27853	Good
Staphylococcus aureus	ATCC 25922	Good
Enterocccus faecalis	ATCC 19433	Good

TABLE of SYMBOLS

LOT Batch code	Caution, consult accompanying documents	Manufacturer	Contains sufficient for <n> tests
REF Catalogue number	Temperature limitation	Use by	

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