

Specification

Diluent for the homogenization of samples for the microbiological examination according to the European Pharmacopoeial Harmonised Method and ISO standard.

Presentation

20 Tubes
Tube 16 x 113 mm
with: 10 ± 0,2 ml

Packaging Details

1 box with 20 tubes, 16x113 mm glass tubes, ink
labelled and metal-Non injectable cap..

Shelf Life

12 months

Storage

8-25°C

Composition

Composition (g/l):

Peptone..... 1.00

Sodium chloride..... 4.30

Disodium phosphate dihydrate..... 7.23

Potassium dihydrogen phosphate.. 3.60

Description /Technique

Diluent and non-selective pre-enrichment medium that has the property of revitalization of the peptone water and the pH change absorbing capacity of phosphate buffer.

Inoculate according to final purpose, samples and validated methods.

Quality control

Physical/Chemical control

Color : Colourless

pH: 7 ± 0.2 at 25°C

Microbiological control

Prepare tubes - Inoculate: Practical range 10-100 CFU (Productivity) according to harmonized Eur. Pharmacopoeia

Subculture in appropriate culture media after T0 (inoculum), 45 min. - 1 h at 20-25°C

Aerobiosis. Incubation at 35 ± 2°C, reading after 18-24 hours

Microorganism

Bacillus subtilis ATCC® 6633, WDCM 00003

Staphylococcus aureus ATCC® 6538, WDCM 00032

Escherichia coli ATCC® 8739, WDCM 00012

Candida albicans ATCC® 10231, WDCM 00054

Ps. aeruginosa ATCC® 9027, WDCM 00026

Salmonella typhimurium ATCC® 14028, WDCM 00031

Growth

Good. Recovery ±30% T0 (original enumeration)

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Sterility Control

Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH

Check at 7 days after incubation in same conditions

Bibliography

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- ISO 21150 Standard (2015) Cosmetics - Microbiology - Detection of Escherichia coli.
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