

%6,5 NACL SOLUTION (5 ML)

INTENDED USE:

The solution is used for the microbial examination of non-sterile pharmaceutical products, e.g. as solution for sample preparation or as dilution or washing solution.

PRINCIPLE AND INTERPRETATION:

The low content of peptone as well as the content of phosphate buffer and sodium chloride in the solution maintains the viability of present microorganisms without supporting growth.

COMPOSITION:

Ingredients	Gr/Liter
NaCl	65 gr

***Formula adjusted, standardized to suit performance parameters

pH: 7,2 ± 0,2

PRECAUTIONS:

For professional use only. Do not use tubes if they show evidence of microbial contamination, discoloration or other signs of deterioration.

TEST PROCEDURE:

Incubation at a temperature of 35±2°C and observed after 18-24 hours.

QUALITY CONTROL:

For quality control a stability test is performed in order to test the ability of the solution to maintain viability of microorganisms. Therefore the buffer solution to be tested is inoculated with 100- 1,000 CFU/ml. Directly after inoculation as well as after an incubation time of 1 hour at 20 to 25 °C for each test strain 100 µl are subcultured on %5 Sheep Blood Agar. The viable count should not change from the beginning to the end of incubation.

1.Sterility Control:

Incubation 48 hours at 30-35°C and 72 hours at 20-25°C: NO GROWTH

2.Physical/Chemical Control

pH: 7,2 ± 0,2

Appearance: Clear, colourless

3.Microbiological Control: Incubation at a temperature of 35±2°C and observed after 18-24 hours.

Microorganism	Inoculum (CFU)	Results	
		Growth	Reaction
Escherichia coli ATCC 25922	10-100	Good	Good
Salmonella typhimurium ATCC 14028	10-100	Good	Good

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2- 12°C. Use before expiry date on the label..Do not use beyond stated expiry date.

DISPOSAL:

Incubated medium may contain active bacteria and micro-organisms. Do not open infected medium. Infected tube should be autoclaved, incinerated or opened and soaked in a chlorine-based disinfectant (liquid bleach) for 20 minutes prior to disposal.

PACKAGING:

Katalog Number: 01033

Content/Packaging: 50 Tubes/Box

RTA.KK.294 Revision Date/Revision Number:-/0 Issue Date: 01.11.2014

REFERENCES:

1. Rosenberg T. et al, J. Inf. Dis., 74, 131 (1944)
2. Mc Faddin J.F., Media for Isolation-Cultivation-Identification-Maintenance of medical Bacteria, Vol. I, Williams and Wilkins, Baltimore (1985)



Aseptic Sterile



Batch Code



Catalogue Number



Negative Controls



Positive Controls



Use by



Temperature
Limitation



Do not reuse



Contains sufficient
for <n> tests



Look at user manual



Manufacturer