

## GLUCOSE BROTH (5 ML)

**INTENDED USE:**

For the cultivation of fastidious microorganisms and for the study of glucose fermentation.

**PRINCIPLE AND INTERPRETATION:**

Glucose Broth used for testing antibiotic sensitivity by the tube dilution method. This medium is also used to study glucose fermentation where pH indicator is not desired.

**COMPOSITION:**

Ingredients	Gr/Liter
Casein enzymic hydrolysate	10 gr
Glucose	5 gr
Sodium chloride	5 gr

\*\*\*Formula adjusted, standardized to suit performance parameters

pH: 7,3 ± 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 18-48 hours.

**QUALITY CONTROL:****1.Sterility Control:**

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

**2.Physical/Chemical Control**

pH: 7,3 ± 0,2

Apperance: Yellow

**3.Microbiological Control:** Incubation at a temperature of 35±2°C and observed after 18-48 hours.

Microorganism	Inoculum (CFU)	Results	
		Growth	Reaction
Escherichia coli ATCC 25922	10-100	Good	Good
Staphylococcus aureus ATCC 25923	10-100	Good	Good
Streptococcus pyogenes ATCC 19615	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: 01029

Content/Packaging: 50 Tubes/Box

## REFERENCES:

1. Waisbren, Carr and Dunnett, 1951, Am. J. Clin. Path., 21:884
2. Norton, 1932. Bacteriology of pus. J. Lab. Clin. Med.



Aseptic Sterile



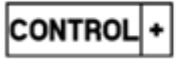
Batch Code



Catalogue Number



Negative Controls



Positive Controls



Use by



Temperature  
Limitation



Do not reuse



Contains sufficient  
for <n> tests



Look at user manual



Manufacturer