

Glucose Nutrient Broth

TN 1140 500 g



Intended use

Used for the detection of aerobic bacteria, especially when testing for sterility.

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Meat peptone	12.5
Casein peptone	10
Glucose	1
Dipotassium hydrogen phosphate	2
Sodium chloride	3

Directions

Dissolve 28.5 g in 1 litre distilled water and autoclave at 121 °C for 15 minutes.

Final pH at 25 °C

7.2 ± 0.2

Microbiological quality control

Incubate Glucose Nutrient Broth aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	ATCC no.	CFU / 5 ml	Growth
<i>Enterococcus faecalis</i>	29212	10-100	good (clearly visible turbidity)
<i>Streptococcus pyogenes</i>	12344	10-100	good (clearly visible turbidity)
<i>Staphylococcus aureus</i>	6538	10-100	good (clearly visible turbidity)