

Glucose Agar

TN 1086

500 g



Intended use

Used for the detection and determination of germ count of Enterobacteriaceae from food.

Form

Powder

Colour

Greenish-grey

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Directions

Dissolve 38.5 g in 1 litre distilled water and autoclave at 121 °C for 15 minutes.

Typical composition

Component	g/l
Casein peptone	10.0
Yeast extract	1.5
Glucose	10.0
Sodium chloride	5.0
Bromcresol purple	0.015
Agar	12.0

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Incubate Glucose Agar aerobically for 18-24 hours at 35 ± 1 °C.

Teststamm	ATCC no.	Growth	Colour change to yellow
<i>Escherichia coli</i>	8739	good	+
<i>Shigella flexneri</i>	29929	good	+
<i>Salmonella</i> Typhimurium	13311	good	+
<i>Salmonella</i> Typhimurium	14028	good	+
<i>Pseudomonas aeruginosa</i>	27853	good	-

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