

# Tryptone Glucose Yeast Extract Milk Agar Plate Count Agar with Skimmed Milk

TN 1190 500 g



## Intended use

Used for the determination of germ counts in milk and dairy products (according to § 64 German Food and Feed Code).

## Form

Powder

## Colour

Beige

## Storage

Dry, tightly closed, at 10...25 °C.

## Shelf life

5 years

## Typical composition

Component	g/l
Casein peptone	5
Yeast extract	2.5
Glucose	1
Skimmed milk powder, antibiotic-free	1
Agar	10

## Directions

Suspend 19.5 g in 1 litre distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes.

## Final pH at 25 °C

7.0 ± 0.2

## Microbiological quality control

Incubate Tryptone Glucose Yeast Extract Milk Agar (Plate Count Agar with Skimmed Milk) aerobically for 70-72 hours at 30 ± 1 °C.

Test strain	ATCC no.	CFU / plate	Colony morphology
<i>Staphylococcus aureus</i>	6538	10-100	small whitish-yellow colonies
<i>Escherichia coli</i>	8739	10-100	medium-sized whitish colonies
<i>Bacillus subtilis</i>	6633	10-100	large whitish colonies
<i>Bacillus cereus</i>	11778	10-100	medium-sized whitish colonies
<i>Candida albicans</i>	10231 (DSM 1386)	10-100	small whitish colonies