

Trypton-Glucose-Hefeextrakt-Agar, Plate-Count-Agar (TGE)

Shorthand symbol:	TGE
Item number:	40-1189
Format:	Petri Dish, 90mm
Colour:	Yellowish
Storage conditions:	Dry, in closed bag, at 4-10°C
Shelf-life:	4 Months
pH:	7.0 ± 0.2 at 25°C



Intended use and fields of application

Largely the inhibitor-free nutrient medium Tryptone Glucose Yeast Extract Agar enables the growth of bacteria and yeasts. Inoculation of the culture medium is carried out either with the original material or the spatula with diluents.

Typical composition in g/l

in g per 1 litre of Nutrient medium

Caseine Peptone	5
Yeast Extract	2.5
Glucose	1
Agar	10

*Adjusted as required to meet performance standards

Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements of EN ISO 11133:2014.

Productivity

Incubation conditions: 72±3 hours at 30±1°C; Inoculum concentration: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Bacillus subtilis	ATCC 6633/WDCM 00003	>70%	Medium growth, whitish colonies
Escherichia coli	ATCC 8739/WDCM 00012	>70%	Medium growth, whitish colonies
Staphylococcus aureus	ATCC 25923/WDCM 00034	>70%	Light, whitish-yellow colonies

Microbial Contamination

Incubation conditions: 5–7 days, 20–25°C and 5–7 days, 30–35°C

Specification

No microbial contamination