

Teast Extract Glucose Chloramphenicol Agar (YGC Agar) (YGC)

Shorthand symbol:	YGC
Item number:	40-1144
Format:	Petri Dish, 90mm
Colour:	Yellowish, transparent
Storage conditions:	Dry, in closed bag, at 4-10°C
Shelf-life:	6 Months
pH:	6.6 ± 0.2 bei 25°C



Intented use and fields of application

Teast Extract Glucose Chloramphenicol Agar (YGC Agar) for the detection and enumeration of yeasts and moulds in food stuffs. Chloramphenicol is added to inhibit bacterial growth.

Typical composition in g/l

in g per 1 litre of Nutrient medium

Yeast Extract	5
Glucose	20
Chloramphenicol	0.1
Agar	10

*Adjusted as required to meet performance standards

Microbiological quality control

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

Produktivität

Incubation Conditions: see chart; Inoculum Concentration of Target Organisms: 10 – 100 CFU

Organism	Type Strain	Specification	Colony morphology
Candida albicans (2-3 days at 30-35°C)	ATCC 10231/WDCM 00054	50–130 %	Whitish colonies
Candida albicans (3-5 days at 20-25°C)	ATCC 10231/WDCM 00054	50–130 %	Whitish colonies
Aspergillus brasiliensis (2-3 days at 30-35°C)	ATCC 16404/WDCM 00053	50–130 %	Brown to black conidia on light mycelium
Aspergillus brasiliensis (3-5 days at 20-25°C)	ATCC 16404/WDCM 00053	50 – 130 %	Brown to black conidia on light mycelium

Selectivity

Incubation conditions: 24±4 hours at 36±2°C; Inoculum concentration: Target organisms: 10,000–1,000,000 CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739/WDCM 00012	Complete inhibition	-
Bacillus subtilis	ATCC 6633/WDCM 00003	Complete inhibition	-

Microbial Contamination

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

Specification

No microbial contamination