DG18-Agar mit Chloramphenicol (DG18)

According to ISO 21527-2

Shorthand symbol:	DG18
Item number:	50-1038
Format:	Contact plate
Colour:	Beige, transparent
Storage conditions:	Dry, in closed bag, at 15-22°C
Shelf-life:	3 Months
pH:	5.6 ± 0.2 bei 25°C

Intented use and fields of application

DG18 Agar (Dichloran Glycerol Agar) with Chloramphenicol is for the isolation and cultivation of xerophilic fungi according to ISO 21527-2. The addition of chloramphenicol is added to inhibit bacterial growth, particularly that of Gram-negative bacteria.

Typical composition in g/l

in g per 1 Litre Nutrient medium	
Casein Peptone	5
D-Glucose	10
Potassium Dihydrogen Phosphate	1
Dichloran	0.002
Magnesium Sulphate, anhydrous	0.4
Chloramphenicol	0.1
Agar	14

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Xebios is certified according to DIN EN ISO 9001. Our microbiological quality control is carried out by a microbiological laboratory accredited according to EN ISO/IEC 17025, in accordance with EN ISO 11133. (registration number of certificate: RvA-L 614)

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Microbiological quality control

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

Productivity
Incubation Conditions: 5 Days at 25±1°C; Inoculum Concentration of Target Organisms: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Saccharomyces cerevisiae	ATCC 9763/WDCM 00058	50–130%	Whitish, dry colonies
Wallemia sebi	ATCC 42694/WDCM 00182	50–130%	Brown colonies

Selectivity
Incubation Conditions: 5 Days at 25±1°C; Inoculum Concentration of 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, 20–25°C and 5–7 Days, 30–35°C

Specification
No microbial contamination

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