

DG18-Agar mit Chloramphenicol (DG18)

According to ISO 21527-2

Abbreviazione: DG18
Numero articolo: 50-1038
Scheda: Contact plate
Colore: Beige, transparent
Condizioni di stoccaggio prodotti: Dry, in closed bag, at 15-22°C
Data di scadenza: 3 Months
Valore pH: 5.6 ± 0.2 bei 25°C



Destinazione e applicazione

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.

Composizione tipica

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

Controlli di qualita' microbiologici

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
Walleimia 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