

DG18-Agar mit Chloramphenicol (DG18)

According to ISO 21527-2

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| Abbreviazione: DG18 |
| Numero articolo: 40-1038 |
| Scheda: Petri Dish, 90mm |
| Colore: Beige, transparent |
| Condizioni di stoccaggio prodotti: Dry, in closed bag at 4 – 10°C. |
| Data di scadenza: 3 Months |
| Valore pH: 5.6 ± 0.2 at 25°C |



Destinazione e applicazione

Dichloran-Glycerol-Agar with Chloramphenicol is used for isolation and enumeration of xerophilic moulds according to ISO 21527-2. The addition of Chloramphenicol inhibits the growth of bacteria, especially Gram Negative bacteria.

Composizione tipica

in g per 1 Litre Nutrient medium

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|--------------------------------|-------|
| Casein Peptone | 5 |
| D-Glucose | 10 |
| Potassium Dihydrogen Phosphate | 1 |
| Dichloran | 0.002 |
| Magnesium Sulphate, anhydrous | 0.4 |
| Chloramphenicol | 0.1 |
| Agar | 14 |

*Adjusted as required to meet performance standards

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 at 20–25°C and 5–7 Days at 30–35°C

Specification

No microbial contamination