

# Product Specification Sheet

## *Dichloran-Glycerol (DG18) Selective Medium, Modified*

Intended Usage: A selective low water activity medium for xerophilic moulds from dried and semi-dried foods.

For professional use only.

<b>PO5113A</b>
<b>Revision Date: 15 August 2017</b>

**Thermo Scientific™ Dichloran-Glycerol (DG18) Selective Medium, Modified**

Form of Product	Poured plate
Storage	6 – 12°C
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	5.6 ± 0.2
Colour	Ivory, transparent
Shelf life	14 weeks
Intended Usage	A selective low water activity medium for xerophilic moulds from dried and semi-dried foods. For professional use only.

Technique  
Depends on the different methods.  
For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM729.

Typical formulation*	g/l
Peptone	5.0
Glucose	60.0
Sucrose	250.0
Potassium dihydrogen phosphate	1.0
Magnesium sulphate	0.5
Dichloran	0.002
Glycerol	220 ml
Chloramphenicol	0.1
Agar	15.0

\*Adjusted as required to meet performance standards.

## Quality Control

1. Control for general characteristics, labeling and printing.
2. Control for sterility  
> 72 h @ 25 ± 1°C, aerobic  
> 72 h @ 36 ± 1°C, aerobic
3. Biological control  
Inoculum size for selectivity: 10<sup>4</sup> – 10<sup>5</sup> cfu  
Inoculum size for specificity: < 10 000 cfu

Incubation conditions: 48 – 72 h @ 22 ± 1°C, aerobic

Control Strain	Growth
<i>Aspergillus brasiliensis</i> ATCC® 16404™	Good growth, white mycelium, black spores.
<i>Saccharomyces cerevisiae</i> ATCC® 9763™	Good growth, cream colonies.
<i>Escherichia coli</i> ATCC® 25922™	Complete inhibition (≤ 10 cfu).
<i>Bacillus subtilis</i> ATCC® 6633™	Complete inhibition (≤ 10 cfu).



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