
Product Specification

Product Name: Dichloran Glycerol (DG18) Agar Base

Product Code: SG7241

PRODUCT DESCRIPTION:

Dichloran Glycerol (DG18) Agar Base is used for the enumeration and isolation of xerophilic fungi in dry and semi-dry foods.

Use:

Stir to suspend 31.6 g of dehydrated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute. Add 200 g of Glycerol then autoclave for 15 minutes at 121°C to sterilize. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired), before pouring into petri dishes. For laboratory use only.

Components:

Casein Peptone – 5.0g/L

Anhydrous Glucose – 10.0g/L

Potassium Dihydrogen Phosphate – 1.0g/L

Magnesium Sulfate – 0.5g/L

Chlornithine – 0.002g/L

Chloramphenicol – 0.1g/L

Agar –15.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Light Pink, Yellowish Powder
pH (@25°C):	5.6 ± 0.2
<u>Microbiological Tests</u>	
Yeast fungus (ATCC 18790)	<u>Quality Control Results</u> PR ≥ 0.7, white colonies
<i>Candida albicans</i> (CMCC(F)98001)	PR ≥ 0.7, white colonies
<i>Escherichia coli</i> (ATCC 25922)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 25 ± 1°C and observed after 48 to 168 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.