

GELISATO AGAR

Medium for the growth of non- fastidious microorganisms.

TYPICAL FORMULA (g/L)

Gelatin Peptone	5.0
Agar	15.0
Final pH 7.0 ± 0.2	

DESCRIPTION

GELISATO AGAR is a medium for the growth of non- fastidious microorganisms.

PRINCIPLE

Gelatin Peptone is a satisfying source of nitrogen for the growth of microorganisms and it contains a mixture of peptides and of free amino acids. Agar is the solidifying agent.

PREPARATION

Melt the content of the bottle in a boiling water-bath at 100°C (loosing the caps partially unscrewed) until completely dissolved. Cool to 45-50°C, mix well avoiding the formation of bubbles and aseptically distribute into Petri dishes. Allow the medium to solidify. Store the plates in tightly closed containers.

TECHNIQUE

Inoculate the sample on the solidified agar. Spread over the entire surface using a sterile bent glass rod. Incubate plates at 36± 1°C for 18-24 hours.

INTERPRETATION OF RESULTS

Observe the growth of the colonies.

STORAGE

10-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Eaton, A.D., L.S. Clesceri, and A.E. Greenberg (1995). Standards methods for the examination of water and wastewater, 19th ed.
2. Association of Official Analytical Chemists (1995). Bacteriological analytical manual , 8th ed.



LIOFILCHEM s.r.l.

Via Scozia Zona Ind.le - 64026 Roseto D.A. (TE) - Italy

Tel. +390858930745 Fax +390858930330 Website: www.liofilchem.net

E-Mail: liofilchem@liofilchem.net

PRODUCT SPECIFICATIONS

NAME
GELISATO AGAR

PRESENTATION
Glass bottles containing 150 ml of medium.

STORAGE
10-25 °C

PACKAGE		
Code	Content	Packaging
401960	6 bottles x 150 ml	6 bottles in cardboard box

pH OF THE MEDIUM
7.0 ± 0.2

USE
GELISATO AGAR is a medium for the growth of non- fastidious microorganisms.

TECHNIQUE
Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM
Light amber medium, clear.

SHELF LIFE
2 years

- QUALITY CONTROL**
1. Control of general characteristics, label and print
 2. Sterility control
7 days at 25 ± 1°C, in aerobiosis
7 days at 36 ± 1°C, in aerobiosis
 3. Microbiological control
Inoculum for productivity: 10-100 UFC/ml
Incubation Conditions: 18-48 h at 36±/1°C, in aerobiosis

Microorganisms		Growth
<i>Aspergillus niger</i>	ATCC 1015	Good
<i>Candida albicans</i>	ATCC 10231	Good
<i>Saccharomyces cerevisiae</i>	ATCC 9763	Good

TABLE OF SYMBOLS			
 Batch code	 Temperature limitation	 Manufacturer	 Contains sufficient for <n> tests
 Catalogue number	 Keep away from heat	 Use by	 Caution, consult accompanying documents



LIOFILCHEM s.r.l.

Via Scozia Zona Ind.le - 64026 Roseto D.A. (TE) - Italy

Tel. +390858930745 Fax +390858930330 Website: www.liofilchem.net

E-Mail: liofilchem@liofilchem.net