

PRODUCT CODE: 402302

Agar, Bacteriological European Type (Ingredient) for microbiology

Preparation

Agar is a natural hydrocolloid extracted from several species of red algae, mainly the *Gelidium*, *Gracilaria* and *Pterocladia* types. European Bacteriological Agar is a gelling agent used in the preparation of culture media and other bacteriological applications.

The main advantage of this agar is the absence of inhibitors, which could interfere in microorganisms' growth. It has excellent transparency, high hysteresis and very reliable reproducibility. Each batch produced is thoroughly tested for biological performance against a battery of known bacterial cultures in order to ensure proper growth characteristics and absence of inhibitors.

European Agar type gives a higher gel strength than the American version. It is used in concentrations from 1.2% to 1.6%.

Chemical Characteristics

See in Data Sheet (TDS).

Storage

Once opened keep powdered medium closed to avoid hydration.

1. *Avoid getting wet.*
2. *Avoid exposure to sunlight.*
3. *Keep within the temperature range (2 – 25°C).*

The dehydrated European Bacteriological Agar should be homogeneous, free flowing and beige in colour. If there are any changes physically, discard the product.

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