

PRODUCT CODE: 402303

Agar, Bacteriological American Type (Ingredient) for microbiology

Preparation

Agar is a natural hydrocolloid extracted from several species of red algae, mainly the *Gelidium*, *Gracilaria* and *Pterocladia* types. American 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 the growth of microorganisms. 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.

American Agar type gives a lower strength than the European 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 American Bacteriological Agar should be homogeneous, free flowing and beige in colour. If there are any changes physically, discard the product.

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