



Cytophaga fermentans Bachmann

19072™

Description

Strain designation: [NCMB 2218]

Deposited As: *Cytophaga fermentans* Bachmann

Type strain: Yes

Storage Conditions

Product format: Frozen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 1849: Harpo's HTYEM (marine) medium

Temperature: 30°C

Handling Procedures

1. Thaw vial according to enclosed instructions.
 2. Transfer thawed suspension to a single tube of #1849 broth. Mix well.
 3. Incubate at 30°C for six days.
 4. Transfers may be made to solid medium if desired (*see note*).
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Notes

ATCC 19072 will also grow on ATCC Medium #2, Marine Broth (Difco 0791) or Agar (Difco 0979). A more turbid growth is obtained on Harpo's HYTEM (Marine) Medium. Broth culture is recommended because the strain digests agar. Autolysis begins in approximately seven days. Strain is preserved in a frozen state.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Cytophaga fermentans* Bachmann (ATCC 19072)

References

References and other information relating to this material are available at www.atcc.org.

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