ATCC

Product Sheet

Flavobacterium flevense (ATCC® 27944™)

Please read this FIRST

Biosafety Level
1

Intended Use

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

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Flavobacterium flevense* (ATCC® 27944™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Designation: A-34 [DSM 1076, LMG 8328]
Deposited Name: *Cytophaga flevensis* van der Meulen et al.

Propagation

Medium
ATCC® Medium 793: Cytophaga agarase medium

Growth Conditions
Temperature: 26.0°C

Propagation Procedure
1. Open the vial according to enclosed instructions.
2. From a tube of #793 broth (5 to 6 ml), withdraw approximately 0.5 with a sterile pipette; add this medium to the vial to rehydrate the entire pellet.
3. Aseptically transfer the contents of the vial into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #793 agar slant and/or plate.
5. Incubate all tubes and plate at 26°C for 48 to 72 hours.

Notes

Strain requires agar for the production of agarase.
Colonies at 48 to 72 hours are entire, smooth, glistening, low convex, and pale yellow. Pigment deepens to gold at 9 nine days. Luxurious growth will also occur on Tryptic Soy Agar, but the medium above was that recommended by the depositor. On some media, two colony types may be observed, but were identical in the ability to digest agar.

Cells are rods in singles, clumps, and chains. As the cells age, they swell, form sphaeroplasts, and lyse rapidly.

References

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

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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