



Product Sheet

Bacillus subtilis (ATCC® 10774™)

Please read this **FIRST**



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: *Bacillus subtilis* (ATCC® 10774™)

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: BU169 [NCIB 8872]

Deposited Name: *Bacillus subtilis* (Ehrenberg) Cohn

Propagation

Medium

ATCC® Medium 28: Emmons' modification of Sabouraud's agar

Growth Conditions

Temperature: 26.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. **Using a single tube of #28 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the entire pellet.**
3. **Aseptically transfer this aliquot back into the broth tube. Mix well.**
4. **Use several drops of the suspension to inoculate a #28 agar slant and/or plate.**
5. Incubate the tubes and plate at 26°C for 24 hours.

Notes

Produces bacillomycin B.

At 24 hours, there are 3 colony types on #28 agar. Type 1 is entire, smooth, and convex. Type 2 has a smooth center with a spreading margin. Type 3 is rough and erose with a spreading margin. At 48 hours, all colony types are consistent with type 3.

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

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.

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