



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™)

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Manassas, VA 20108 USA  
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## 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](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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