



Product Sheet

# *Bacillus subtilis* (ATCC® 82™)

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® 82™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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## Description

**Designation:** AMC [ATCC 8037, NRS 315]  
**Deposited Name:** *Bacillus subtilis* (Ehrenberg) Cohn

## Propagation

**Medium**  
ATCC® Medium 3: Nutrient agar or nutrient broth

**Growth Conditions**  
**Temperature:** 30.0°C

**Propagation Procedure**

1. Open the freeze-dried vial according to enclosed instructions.
2. Using a single tube of #3 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 #3 slant, and/or plate
5. Incubate all tubes and plates at 30°C for 24 to 48 hours.

## Notes

Growth is observed after 24 hours. Growth is poor in broth, but heavy on agar. Colonial variation may be observed and is typical for this strain. Colonies are low convex, ~1 mm in diameter, with entire margins and an opaque infrastructure.

Under phase microscopy, cells occur individually and as irregular, motile chains.

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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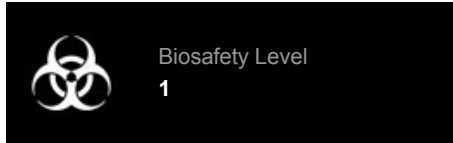
product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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