



Product Sheet

***Bacillus sp.* (ATCC® 49342™)**

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 sp.* (ATCC® 49342™)

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: 42562
Deposited Name: *Bacillus sp.*

Propagation

Medium
ATCC® Medium 1696: *Bacillus xylose salts*

Growth Conditions
Temperature: 60.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #1696 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 second tube of broth, a slant, and/or plate.
5. Incubate all tubes and plate in a moist can or jar (to prevent dehydration) at 55 to 60°C for 24 to 48 hours.

Notes

Colonies on Tryptic Soy Agar (BD 236950) are entire, smooth, glistening, and low convex. Colonies on #1695 plates are mucoid and off-white. Cells are rods that occur singly in pairs and chains. Spores are produced terminally and cause the cells to swell.

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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