Bacillus amyloliquefaciens (Fukumoto) Priest et al.

15841™

Description

This strain of *Bacillus amyloliquefaciens* was isolated from an herb. It is cited to produce amylase and can be used as a bacteriophage host.
Deposited As: *Bacillus subtilis* (Ehrenberg) Cohn
Type strain: No

Storage Conditions

Product format: Freeze-dried
Storage conditions: 2°C to 8°C

Intended Use

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

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:
ATCC Medium 103: Soybean agar
Temperature: 37°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial.
2. From a single tube of #103 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the pellet.
3. Use 0.1 mL of this suspension to inoculate #103 slants and 0.1mL to inoculate #103 plates.

4. Incubate tubes and plates at 37°C, under aerobic conditions, for 24 hours.
5. After 24 hours of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 24 hours under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

Notes

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Bacillus amyloliquefaciens* (Fukumoto) Priest et al. (ATCC 15841)

References

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

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Contact Information

ATCC
10801 University Boulevard
Manassas, VA 20110-2209
USA
US telephone: 800-638-6597
Worldwide telephone: +1-703-365-2700
Email: tech@atcc.org or contact your local distributor