Bacillus cereus Frankland and Frankland

13824™

Description

Strain designation: NCIB 2600 [NCTC 2600]
Deposited As: *Bacillus cereus* var. *fluorescens* Laubach
Type strain: No

Storage Conditions

Product format: Freeze-dried

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 3: Nutrient agar or nutrient broth
Temperature: 30°C

Handling Procedures

1. Open the vial according to enclosed instructions.

2. From a tube of #3 broth (5 to 6 ml), withdraw approximately 0.5 with a sterile pipette; add this medium to the vial to rehydrate the pellet.

3. Aseptically transfer the contents of the vial into the broth tube. Mix well.

4. Use several drops of the suspension to inoculate a #3 agar slant and/or plate.

5. Incubate all tubes and plate at 30°C for 18-24 hours.

Notes

Growth on agar yields low-convex colonies with entire margins and an opaque and coarsely granular intrastructure. In broth, growth is slightly turbid with an abundant flocculent to viscid sediment. Cultivability is effluent at 18 24 hours.

Gram reaction is predominantly positive. Cells demonstrate a spinning motility. Endospore formation is within 18-24 hours in soil extract substrates.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Bacillus cereus* Frankland and Frankland (ATCC 13824)

References

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

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Revision

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