



***Photobacterium phosphoreum* (Cohn) Beijerinck**

35080™

Product Sheet

Description

Strain designation: 444

Deposited As: *Photobacterium phosphoreum* (Cohn) Beijerinck

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 731: Luminous medium

Temperature: 15-18°C

Handling Procedures

1. Pre-chill all media by placing at 4°C for 30 minutes.
2. Open vial according to enclosed instructions.
3. Using a single tube of #731 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette. Rehydrate the pellet.
4. Aseptically transfer this aliquot back into the broth tube. Mix well.

6. Incubate all tubes and plate at 15 to 18°C. Growth should occur in 2 to 3 days.
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Notes

Cells are plump straight rods. Colonies are circular with an entire margin and convex elevation. There are two colony types; a smooth, translucent one and another more opaque .

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Photobacterium phosphoreum* (Cohn) Beijerinck (ATCC 35080)

References

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

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