





Product Sheet

Photobacterium profundum (ATCC® BAA-2589™)

Please read this **FIRST**



Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section



Biosafety Level
1

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: *Photobacterium profundum* (ATCC® BAA-2589™)

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: SS9

Deposited Name: *Photobacterium profundum*

Product Description: The depositor states that this strain is a heterotrophic, psychrotolerant piezophile (high pressure adapted).

Propagation

Medium

ATCC® Medium 2: Marine agar 2216 or marine broth 2216

Growth Conditions

Temperature: 15°C

Atmosphere: Aerobic

Propagation Procedure

1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #2 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #2 plate and/or #2 agar slant.
4. Incubate at 15°C for 48 hours.
5. Incubate under 4,000 pounds per square inch of hydrostatic pressure in the dark.

Notes

Two colony types observed on Marine agar are 1) entire, circular, smooth, translucent, and raised; and 2) entire, circular, smooth, opaque, and low convex.

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.

ATCC Warranty

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this



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product. The MTA is also available on our Web site at www.atcc.org


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

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