



Product Sheet

Aliivibrio fischeri (ATCC® 49387™)

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: *Aliivibrio fischeri* (ATCC® 49387™)

Description

Designation: NRRL B-11177

Deposited Name: *Photobacterium phosphoreum* (Cohn) Beijerinck

Propagation

Medium

ATCC® Medium 101: Photobacterium broth

Growth Conditions

Temperature: 15.0°C

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #101 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. Incubate the broth tube for 4 to 5 days at 15-18°C. This strain needs to establish good growth in broth culture before additional transfers are made.
5. After growth has been achieved, transfer can be made to secondary tubes of broth, slants, and plates. Additional incubation may be required for growth on solid media.

Notes

This strain may be temperature sensitive. You should use chilled media for rehydration or the cells may be damaged. Place tubes at the proper temperature immediately. Temperatures above 20°C should be avoided. Store or transfer immediately. Do not let them stand at room temperature.

This strain will grow on Marine Broth 2216 (BD 279110) and Marine Agar 2216 (BD 212185), but Photobacterium Medium is recommended for demonstrating luminescence. To check for luminescence, inoculate a slant, leaving cap loose. Incubate at optimal temperature until growth is observed. Then, hold in the dark for 10 minutes. If no luminescence is detected, reincubate and check again after 24-48 additional hours. When maximum luminescence is obtained, stopper tightly.

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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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This product is sent with the condition that you are responsible for its safe storage, handling, and use.

American Type Culture Collection
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Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
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Or contact your local distributor



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***Aliivibrio fischeri* (ATCC®) 49387™)**

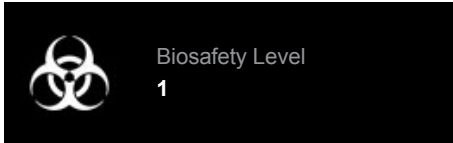
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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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