



Pseudoalteromonas denitrificans (Enger et al.) Gauthier et al.

43337™

Description

Type strain.

Strain designation: Nygaard 1977

Deposited As: *Alteromonas denitrificans* Enger et al.

Type strain: Yes

Storage Conditions

Product format: Frozen

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.

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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 1526: RLA marine medium

Temperature: 10°C

Atmosphere: Aerobic

Handling Procedures

1. All media must be cooled to 10°C prior to opening vial. Keep media on ice while inoculating. Open vial according to enclosed instructions
2. Thaw and aseptically transfer the entire contents of the vial to a tube of fresh #1526 broth (5 to 6 mL). Mix well.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Quickly incubate the tubes and plate at 10°C for 48 hours. Utilizing a shaker

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will produce dense growth.

Notes

Colonies on #1526 agar are pinpoint, circular, entire, low convex and pink to red.

This strain is psychrotrophic and dies rapidly at room temperature.

The cells remain viable for one month when stored at 5°C. Older cultures produce autotoxic substances.

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: *Pseudoalteromonas denitrificans* (Enger et al.) Gauthier et al. (ATCC 43337)

References

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

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Revision

This information on this document was last updated on 2021-05-19

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