



Product Sheet

Pseudomonas aeruginosa (ATCC® 19429™)

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
2

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: *Pseudomonas aeruginosa* (ATCC® 19429™)

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: NCTC 6750 [BUCSAV 276, CCM 478, IFO 3755, KM 232, NCIB 6750, NCMB 3, Radlett]

Deposited Name: *Pseudomonas aeruginosa* (Schroeter) Migula

Product Description: Used in testing antimicrobial preservatives. Lysogenic strain.

Propagation

Medium

ATCC® Medium 3: Nutrient agar or nutrient broth

Growth Conditions

Temperature: 37°C

Atmosphere: Aerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #3 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. Use several drops of the suspension to inoculate a #3 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

Notes

Two colony types are observed on #3 agar: a) Spreading, entire, low convex, translucent, greenish; and b) circular, entire, translucent, low convex, greenish.

The strain lyses easily. Lysis can be induced by growth on Brain Heart Infusion Agar (ATCC® Medium #44) or by heat shock for five minutes at 75°C to 80°C.

This strain is cited to produce pyocyanin, pyorubin, and pyoverdin (Yabuuchi and Ohyama Int. J. Syst. Bacteriol. 22:5364, 1972).

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: 2

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.

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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


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

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