**Rhodococcus erythropolis** (Gray and Thornton) Goodfellow and Alderson

4277™

**Description**

Type strain

**Strain designation:** [ICPB 4417]

**Deposited As:** Nocardia erythropolis (Gray and Thornton) Waksman and Henrici

**Type strain:** Yes

**Patent depository:** This material was deposited with the ATCC Patent Depository to fulfill U.S. or international patent requirements. This material may not have been produced or characterized by ATCC. As an International Depository Authority (IDA) for patent deposits, ATCC is required to complete viability testing only at time of initial deposit of patent material. Patent deposits are made available on behalf of the Depositor when the pertinent U.S. or international patent is issued, but material may not be used to infringe the patent claims.

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**Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C
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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

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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.
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Growth Conditions

Medium:
ATCC Medium 1877: ISP Medium 1
ATCC Medium 196: Yeast malt extract agar
Temperature: 26°C
Atmosphere: Aerobic

Handling Procedures

1. Open vial according to the enclosed instructions.
2. Using a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.5 ml 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 and mix well.
4. Use several drops of the cell suspension to inoculate a second tube of broth, a slant and/or a plate.
5. Incubate all tubes and plate at 26°C for 48 hours.

Notes

Colonies on #196 agar are irregular, dull, erose, rough, wrinkled, opaque, low convex with slightly peaked, and pale orange in color.
Variation in colony morphology is typical for this species. Colony morphology also varies with different media formulations.
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: Rhodococcus erythropolis (Gray and Thornton) Goodfellow and Alderson (ATCC 4277)
References

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

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