



# 49497

## 49497™

### Description

**Strain designation:** IFO 15059 [ACM 3063, UQM 3063]

**Deposited As:** *Nocardia pinensis* Blackall et al.

**Type strain:** Yes

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### Storage Conditions

**Product format:** Freeze-dried

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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.

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### 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.

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.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### Growth Conditions

**Medium:**

ATCC Medium 1877: ISP Medium 1

**Temperature:** 26°C

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### Handling Procedures

1. Open vial according to enclosed instructions.
  2. Using a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or glass pipet. Rehydrate the pellet.
  3. Transfer this aliquot back into the broth tube. Mix well.
  4. Use several drops of the suspension to inoculate a second tube of broth, one or two slants and/or a plate.
  5. Incubate all tubes and plate at 26°C for 10 to 21 days.
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## Notes

Colonies are 1 to 2 mm in diameter and are formed within 10 to 21 days. The colonies are orange, opaque, and circular with entire margins. The maximum and minimum growth temperatures are 31 and 15°C respectively. Mycelium does not fragment in undisturbed cultures, secondary branching is rare or absent. Aerial mycelium is reported to be visible only microscopically.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 49497 (ATCC 49497)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Revision

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