



Product Sheet

# *Laceyella sacchari* (ATCC® 14570™)

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: *Laceyella sacchari* (ATCC® 14570™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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## Description

Designation: TA/124

Deposited Name: *Thermoactinomyces antibioticus* Craveri et al.

## Propagation

### Medium

ATCC® Medium 293: Thermoactinopolyspora medium

### Growth Conditions

Temperature: 45°C

Atmosphere: Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. Using a single tube of #293 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 #260 agar slant and/or plate.
5. Incubate the tubes and plate at 45°C for 24-48 hours.

## Notes

This item appears to grow best on #260 agar. The broth media #293 should be used for rehydration purposes only. This organism may also need a moist environment for optimal growth. Parafilm plates prior to incubation and incubate agar-side down to allow significant moisture within the culture.

On #260, colonies appear wrinkled, entire, and umbonate with white aerial mycelium.

1000X Photomicrograph

Description: 14570



Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

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

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media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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