



# *Thermomonospora curvata* Henssen

19995™

## Description

**Strain designation:** DSM 43183 [B9, CBS 141.67]

**Deposited As:** *Thermomonospora curvata* Henssen

**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

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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 1489: Hickey-Tresner agar

**Temperature:** 50°C

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### **Handling Procedures**

1. Open vial according to enclosed instructions.
  - 2. Using a single tube of #1489 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 #1489 agar slant and/or plate.**
  5. Incubate the tubes and plate at 50°C for 72 hours.
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### **Notes**

For best results check this culture every day for growth and transfer the culture to fresh medium as soon as growth is detected. On #1489 agar, aerial mycelium are white, dry, circular, and convex. Substrate mycelium are blownish-orange in color.

Screw cap test tubes work best for broth cultures and slants. Plates should be sealed using *Parafilm* to prevent the plates from drying out.

This strain does not produce soluble pigments. The substrate mycelium is colorless.

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

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### **Material Citation**

If use of this material results in a scientific publication, please cite the material in the following manner: *Thermomonospora curvata* Henssen (ATCC 19995)

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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

This information on this document was last updated on 2023-02-27

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