



# ***Streptomyces hiroshimensis* (Shinobu) Witt and Stackebrandt**

**19807™**

## **Description**

**Strain designation:** ISP 5039 [462, CBS 560.68, CECT 3269, DSM 40039, IFO 12817, IFO 3844, IPV 2003, JCM 4103, JCM 4607, KCC S-0103, NRRL B-1993, PCM 2248, RIA 1087, RIA 552, UNIQEM 194, VKM Ac-880]

**Deposited As:** *Streptoverticillium roseoverticillatum* (Shinobu) Farina and Locci

**Type strain:** Yes; type strain of *Streptomyces roseoverticillatus*

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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.

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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.

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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**

**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 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 #196 agar slant and/or plate.**

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5. Incubate the tubes and plate at 26°C for 5-7 days.

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### **Notes**

\*According to ATCC reference 7, *Streptomyces roseoverticillatus* (Shinobu 1956) Witt and Stackebrandt 1991 is a later heterotypic synonym of *Streptomyces hirosimensis* (Shinobu 1955) Witt and Stackebrandt 1991.

On #196 plates aerial mycelia are abundant and light yellowish-pink in color. Vegetative mycelia are rust colored.

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: *Streptomyces hirosimensis* (Shinobu) Witt and Stackebrandt (ATCC 19807)

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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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