



# ***Streptomyces cinnamoneus* (Benedict et al.) Witt and Stackebrandt**

**19769™**

## **Description**

**Strain designation:** ISP 5114 [BCRC 12419, CBS 507.68, CECT 3260, DSM 2011, DSM 40114, H-2609, IFO 12782, IPV 2057, JCM 4331, JCM 4583, KCC S-0331, NRRL B-3106, RIA 1049, UNIQEM 155, VKM Ac-191]

**Deposited As:** *Streptomyces hachijoensis* (Hosoya et al.) Witt and Stackebrandt

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

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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

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or national agencies.

Product Sheet

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. From a single tube of #1877 broth (5 to 6 ml), withdraw approximately 0.6 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the entire pellet.
3. Use 0.5ml of this suspension to inoculate a #196 slant and 0.1ml to inoculate #196 plates.

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**4. Incubate tubes and plates at 26°C, under aerobic conditions, for 14-16 days.**

5. After 14-16 days of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate another 14-16 days under aerobic conditions. This second transfer and incubation is necessary for complete removal of the cryoprotectant, which can inhibit growth.

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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 cinnamoneus* (Benedict et al.) Witt and Stackebrandt (ATCC 19769)

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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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