



# ***Streptomyces* sp. Waksman and Henrici**

**31568™**

## **Description**

Formerly known as *Streptomyces filamentosus*.

**Strain designation:** A21978.6 [NRRL 11379]

**Deposited As:** *Streptomyces roseosporus* Falcao de Moraes and Dalia Maia

**Type strain:** No

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## **Storage Conditions**

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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**

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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**

### **Medium:**

ATCC Medium 1877: ISP Medium 1

**Temperature:** 26°C

**Atmosphere:** Aerobic

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## Handling Procedures

1. Open vial according to enclosed instructions or visit [www.atcc.org](http://www.atcc.org) for instructions.
2. Rehydrate the entire pellet with approximately 0.5 mL of #1877 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1877 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #196 plate and/or #196 agar slant.
4. Incubate at 26°C for 4 - 16 days.
5. After 4-16 days of incubation, wash cells from the slant and transfer this broth to a new slant and plate. Incubate for another 4-16 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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## Notes

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* sp. Waksman and Henrici (ATCC 31568)

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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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# ***Streptomyces* sp. Waksman and Henrici**

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Product Sheet

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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