



Streptomyces griseus subsp. *griseus* (Krainisky) Waksman and Henrici

25497™

Description

Strain designation: ISP 5395 [Bu 19,3, CBS 105.27, CBS 957.69, ETH 16833, IFO 13085, IMRU 3375, KCC S-0516, PSA 127, RIA 1277]

Deposited As: *Streptomyces setonii* (Millard and Burr) Waksman

Type strain: Yes

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Storage Conditions

Product format: Freeze-dried

Intended Use

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***Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman and Henrici**

25497

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.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Temperature: 26°C

Handling Procedures

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25497

- 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 glass pipet. Rehydrate the pellet.**
 - 3. Transfer this aliquot back into the broth tube. Mix well.**
 - 4. Use several drops of the suspension to inoculate a second tube of broth, one or two slants and/or a plate.**
 - 5. Incubate all tubes and plate at 26°C for 72 hours.**
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Notes

On #196 agar, aerial mycelium is white and substrate mycelium is yellow. Spores develop in 7 to 14 days and are held in straight to flexed chains (rectiflexibiles) with 10 to 50 spores per chain.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman and Henrici (ATCC 25497)

References

References and other information relating to this material are available at www.atcc.org.

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***Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman and Henrici**

25497

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***Streptomyces griseus* subsp. *griseus* (Krainsky) Waksman and Henrici**

25497

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