



Streptomyces flaveolus **(Waksman) Waksman** **and Henrici**

3319™

Description

Strain designation: IMRU 3319 [ATCC 19754, CBS 493.68, ETH 12399, IFO 12768, ISP 5061, PSA 108, RIA 1035]

Deposited As: *Streptomyces flaveolus* (Waksman) Waksman and Henrici

Type strain: Yes

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Storage Conditions

Product format: Freeze-dried

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.

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 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

Medium:

ATCC Medium 0196: Yeast malt extract medium ISP #2

Temperature: 26°C

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.
5. Incubate the tubes and plate at 26°C for 4-7 days.

Notes

Colonies on #196 agar are irregular, hilly, dull, wrinkled, rough, erose, and opaque. The aerial mycelium is white with light grey. The substrate mycelium is dark goldenrod. This strain is cited to produce L-isoleucine (1).

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Streptomyces flaveolus* (Waksman) Waksman and Henrici (ATCC 3319)

References

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

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Revision

This information on this document was last updated on 2021-05-19

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Product Sheet

Email: tech@atcc.org or contact your local distributor
