**Product Sheet**

**Starmerella bombicola**

(ATCC® 22214™)

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**Strain Designation:** PRL 319-67 [CBS 6009, CCRC 21323, CCRC 22302, IFO 10243, IFO 1449, JCM 9596, NRIC 1806, NRRL Y-17069, NBRC 10243]

**Deposited Name:** Torulopsis bombicola Spencer

**Product Description:** An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

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**Description**

**ATCC® Medium 200:** YM agar or YM broth

**ATCC® Medium 1245:** YEPD

**ATCC® Medium 28:** Emmons’ modification of Sabouraud’s agar

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**Growth Conditions**

**Temperature:** 24°C to 26°C

**Atmosphere:** Typical aerobic

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**Recommended Procedure**

For freeze-dry (lyophilized) ampoules:

1. Open an ampoule according to enclosed instructions.
2. From a single test tube of sterile distilled water (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet. Stir to form a suspension.
3. Aseptically transfer the suspension back into the test tube of sterile distilled water.
4. Let the test tube sit at room temperature (25°C) undisturbed for at least 2 hours; longer (e.g., overnight) rehydration might increase viability of some fungi.
5. Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended solid or liquid medium. Include a control that receives no inoculum.
6. Incubate the inoculum at the propagation conditions recommended.
7. Inspect for growth of the inoculum/strain regularly. Viability is typically noticeable after 2 to 3 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

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**Notes**

Additional, updated information on this product may be available on the ATCC® web site at www.atcc.org.

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**DNA Sequence**

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28S ribosomal RNA gene, partial sequence

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**Isolation**

D1D2 region of the 28S ribosomal RNA gene

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**Or contact your local distributor**

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org
800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Starmerella bombicola (ATCC® 22214™)
References and other information relating to this product are available online at www.atcc.org.

References

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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

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