**Product Sheet**

**Rhodotorula toruloides** (ATCC® 10788™)

**Description**

**Strain Designation:** CBS 14 [ATCC 15385, CCRC 20306, IFO 0559, JCM 3792, JCM 10020, MUCL 30249, NBRC 0559, NCYC 921, NRRL Y-1091, VKM Y-334, VTT C-71034]

**Deposited Name:** Rhodotorula gracilis Rennerfelt

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

**Propagation**

The information recommended in this section is to assist users in obtaining living culture(s) for their studies. The recommendation does not imply that the conditions or procedures provided below are optimum. Experienced researchers may initiate the growth of a culture in their own way.

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

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

**ATCC® Medium 1245:** YM agar or YM broth

**Growth Conditions**

**Temperature:** 24°C to 26°C

**Atmosphere:** Typical aerobic

**Recommended Procedure**

**For freeze-dried (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. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in the following manner: Rhodotorula toruloides (ATCC® 10788™)

**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 26S ribosomal RNA gene, partial sequence

**Notes**

Colonies are pink to orange. Colony color becomes darker during prolonged incubation. Colonies can be smooth or wrinkled, which have identical ITS and D1D2 sequences.

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

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Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level 1

Intended Use

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Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Rhodotorula toruloides (ATCC® 10788™)

References

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

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org.

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

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