Product Sheet

*Candida utilis* (ATCC® 9950™)

**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 that manuscript in the following manner: *Candida utilis* (ATCC® 9950™)

**Storage Temp.**

Frozen: -80°C or colder

Freeze-Dried: 2°C to 8°C

**Biosafety Level**

1

**Notes**

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

**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

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GCGCTTCTAGCGCGGCTCCACCAATACACAGTGTATTTTGCTTCTTTTGCTTTGGCTCTGCCAAAGGTTTT
TAAACACAGAAATTTATTTTCTCTAGAAACTAGTCAATTTGAATTTTAATCTTCAAAACTTTCAACAACG
GATCTCTTGGTTCTCGCAACGATGAAGAACGCAGCGAAATGCGATACGTAATGTGAATTGCAGGTTTT
CGTGAATCATCGAATCTTTGAACGCATATTGCGCTCTCTGGCATTCCAGAGAGCATGCCTGTTTGAGCG
TCATTTCTCTCTCAAGATCCTCTAGGGGACTTGGTATTGAGTGATACTCTGTGTTAACTTGAAATACTCTA
GGCAGAGCTCCCCCTAGAAATCCTCTGGGCCGAAATAATGTATTAGGTTCTACCAACTCGTTATTTTCC
AGACAGACTTCCACAGGACAGCTCGGC
```

D1D2 region of the 26S ribosomal RNA gene

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ATATCAATAAGCGGAGAAAGAAGAACAAACAGGAATTGCCTCCTAGTAACGCAGCGAGTGAAAGCGGCAA
AGCTCAAAATTGGTAAATCTGGAGCTYCTAGCCCGCAGGATGTGTAATTTGAAAGAGTGGTGTGCGGCGC
CCCGGCTCTGCTAGCTTTGGGAAAGCAAGCAATCAACAGAGGTGAGTAACCTCCTGGGCGCGCGGCGCTCG
CTCCGGTGTAGACGCCCACTACGAGCTAGGCGTTTGGGAAATGCAAGCTCTAGTGCGGTGTAATTCC
ATCTAAAGGCTAAATTGGGCAAGAGCCATACGAAACTACGTCAGAATTGGAAACAAGAAGGAAACAGGAA
CTTTGAAAAAGACTGAGTAAATTTGGAATGGAAGAGGATTTGGCAAATGCAGACTTGGTG
CTGTGGCAATAGCCGCGTCCYCTTGCCTGCGGCYCCCACCTGCTACCCAGCGCGCGAGATCGTTGGCGG
CAAACAGGTAATGCAGCAGGGAGAGCGGAGCTGCGCGTTGCGGGCG
```

**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 2-3 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Growth Conditions**

**Temperature:** 25°C to 30°C

**Atmosphere:** Typical aerobic

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

**ATCC® Medium 1245:** YEPD

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

**Description**

Strain Designation: NRRL Y-900 [CBS 5609, CCRC 20325, DSM 2361, IFO 0988, NBRC 0988,NCYC 707, NRCC 2721, VTT C-78085]

Deposited Name: Torulopsis utilis (Henneberg) Lodder

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

**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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**Notes**

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

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

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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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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