Strain Designation: NRRL 895 [8, ATCC 1123, CBS 284.36, DSM 846, IMI 27830, QM 7592]
Deposited Name: Penicillium lilacinum Thom
Product Description: An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

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 312: Czapek’s agar
ATCC® Medium 325: Malt extract agar (Blakeslee’s formula)
ATCC® Medium 336: Potato dextrose agar (PDA)

Growth Conditions
Temperature: 24°C to 26°C
Atmosphere: Typical aerobic

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. 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.

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

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 28/26S ribosomal RNA gene, partial sequence
AGGGATCATTACCGAGTTATACAACTCCCAAACCCACTGTGAACCTTACCTCAGTTGCCTCGGCGGGA
AGCCCCGGGCCGCTGGCCCAGGCCCGGCCCCGCGCGCCGACCAGGCGGCCCCGCCAGGACCCCCAATCCT
CTTGCGATTACCGCCAGGGGCGGAAAATTTCTCTTCTCTGAGTTGCAAAAGAACAAAATGATCAAAAAAC
TTTCAAACACGATCCTTTGTTATGCGCATGTCGAAGAAGCACAGCGAAATGGTAAAGTGGAAATTTGGA
TTGAGAATTAGTGAATCTAGATCGAAGATCTCTTTAGCTCGCGGCGGAAATGCAGTGGCGACCCCGCCGC
CTGCTGTTCGAGCGTCATTTCAACCCTCGAGCCCCCCCGGGGGGCTCGGTGTTGGGGGACGGCACCCAGC
CGCCCCGGGAAATGAGGTGCGAGCCGACCGCGGCGGCGGCGCCAGCATTCTGGCGGGCATGCCTGTTCG
AAGGGTTCGCGCTCCGCAAGGATGCTGGCGTAATGGTCATCAGCGA

D1D2 region of the 28S ribosomal RNA gene
CATATCATTACCGCGAGGAAAATAAAAGGCTTAAGGCCAGAACGAGATCGGAGGAGAAGTGGGAA
AGGTGCGGTCTCCCTGGCTGGCCAGGACCAGCGACCCCATAGAGGTCCTTGCTGCGGCGACTGCT
TACGGTTAATGAGTGGGATGCGGACGCGGACGCGGACGCGGACGCGGACGCGGACGCGGACGCGGACGCGG

AAGGGATCATTACCGAGTTATACAACTCCCAAACCCACTGTGAACCTTACCTCAGTTGCCTCGGCGGGA
AGCCCCGGGCCGCTGGCCCAGGCCCGGCCCCGCGCGCCGACCAGGCGGCCCCGCCAGGACCCCCAATCCT
CTTGCGATTACCGCCAGGGGCGGAAAATTTCTCTTCTCTGAGTTGCAAAAGAACAAAATGATCAAAAAAC
TTTCAAACACGATCCTTTGTTATGCGCATGTCGAAGAAGCACAGCGAAATGGTAAAGTGGAAATTTGGA
TTGAGAATTAGTGAATCTAGATCGAAGATCTCTTTAGCTCGCGGCGGAAATGCAGTGGCGACCCCGCCGC
CTGCTGTTCGAGCGTCATTTCAACCCTCGAGCCCCCCCGGGGGGCTCGGTGTTGGGGGACGGCACCCAGC
CGCCCCGGGAAATGAGGTGCGAGCCGACCGCGGCGGCGGCGCCAGCATTCTGGCGGGCATGCCTGTTCG
AAGGGTTCGCGCTCCGCAAGGATGCTGGCGTAATGGTCATCAGCGA

GTTTCGCGCTCCGCAAGGATGCTGGCGTAATGGTCATCAGCGA
Soil, Ithaca, NY

References and other information relating to this product are available online at [www.atcc.org](http://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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