**Strain Designation:** \[CBS 277.47, IFO 4626, IMI 37767, PRL 1910, QM 943, Wis. Q-176\]

**Deposited Name:** *Penicillium chrysogenum* Thom

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

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**ATCC® Medium 325:** Malt extract agar (Blakeslee's formula)

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

**ATCC® Medium 336:** Potato dextrose agar (PDA)

**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. The sign of viability is noticeable typically after 2-3 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

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**DNA Sequence**

**18S ribosomal RNA gene, partial sequence:**

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GGTTTCCGTAGGTGAACCTGCGGAAGGATCATTACCGAGTGAGGGCCCTCTGGGTCCAACCTCCCACCC
CGTGTTTTATTTTACCTTGTTGCTTCGGCGGGCCCGCCTTAACTGGCCGCCGGGGGGCTTACGCCCCCGGG
CCCGCGCCCGCCGAAGACACCCTCGAACTCTGTCTGAAGATTGTAGTCTGAGTGAAAATATAAATTATT
TAAAAACTTTCACCAACGGGATCTTCTTGGTCCGGCATCAGTGAAGAAGCGACGGAAATGCGATACGTAA
TGCTGAATCCAGATTTAATCTACATCAGGGATCTGAGGACATTGGCCCGCCCTTGCATTCGCGGCGGGG
CATGCGCGCGCGAAAGCACCCGCTCCTGATTTGGCTAGTGATATTGGCGGGTGGGGCGGCCTTCTCGACG
GGACGCGCGGCAAAAACAGCAGGCGCGCCGCGCCCGCGGCGCCGCGCCGCGCGCCGCGCCGCGCCGCG
CCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG
CCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG
CCTCGTGACCGCGCGCGCCCGCGCCGTACACCAACCCATTTATTTTTCCAGCTGACCGTGACCCGAT
GGATACCCGCTGAACTTAAGCATATCAATAA
```

**D1D2 region of the 28S ribosomal RNA gene**

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ATATCATAAATGGCAGAGAAAAAGAAGCAAGCAGGATTTGCCCCAGTTAAGCGCGAGTGAAAGCGCAAG
GCAGCTCAAATTTAAGCGGTGCTTCGCGGCGTCCGTGTTATTTGTAGGAATAGACTGAACTGCGCAAC
GCGGCGCGCCTTGGTGACGCTTCTCCGAGGTCATGTTGGGACAGCTGCTTTTCGCTGATTCGCGCG
CCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG
CGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG
CCTAGACCGCGAAAGCGGTGCTTCTCCGAGGTCATGTTGGGACAGCTGCTTTTCGCTGATTCGCGCG
CCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG
CCTTAGACCGCGAAAGCGGTGCTTCTCCGAGGTCATGTTGGGACAGCTGCTTTTCGCTGATTCGCGCG
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**Notes**

No special 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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