Strain Designation: NRRL 864 [42, 4733.21, ATCC 10418, CBS 257.29, DSM 3825, Dierckx, IMI 40225, MUCL 30241, NRRL 2011, QM 7496]

Deposited Name: Penicillium brevii-compactum Dierckx

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 323: Malt agar medium**

**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 2-4 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Colony and Cell Morphology:** Colonies on malt agar growing moderately rapidly, granular, olivaceous-green, reverse yellowish to reddish-brown. Conidiophore stipes smooth-walled; penicillia generally terverticillate. Phialides flask-shaped. Conidia smooth-walled or slightly verruculose, ellipsoidal, 2.5-3.5 µm.

**Additional information on this culture is 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](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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