



Product Sheet

Trichoderma viride (ATCC® 32630™)

Please read this **FIRST**



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: *Trichoderma viride* (ATCC® 32630™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain Designation: P-127-1 [211-C-2]

Deposited Name: *Trichoderma viride* Persoon : Fries, anamorph

Product Description:

An ampoule containing viable cells (yeast cells, spores) 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 336: Potato dextrose agar (PDA)

ATCC® Medium 323: Malt agar medium

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

Growth Conditions

Temperature: 20°C to 25°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 for (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.
6. Incubate the inoculum/strain at the temperature and conditions recommended.
7. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 3-4 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

Colony and Cell Morphology: After 7 days on potato dextrose medium at 25°C; colony is low, velutinous to powdery, mycelium white, conidia turquoise-green. Conidiophores branched at right angles with shorter branches near the tip and longer branches toward the base, with phialides in a whorl at the terminus of each branch. Conidia subglobose, green, rough-walled. Chlamydo spores hyaline, spherical, terminal or intercalary.

Notes

fungus resistance testing paper and paperboard;
media testing cellulose

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

DNA Sequence

No DNA sequencing was performed in house on this product.

Isolation

beech wood pole, Sweden

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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Disclaimers

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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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