An ampoule containing viable cells (yeast cells, spores, or agar cubes with mycelia). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer at least 50 µL (or 2-3 agar cubes) of the content onto a plate or broth with medium recommended. Incubate the inoculum/strain at the temperature and conditions recommended. If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner:

Trichoderma parareesei (ATCC® MYA-4777™)

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level 1

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 parareesei (ATCC® MYA-4777™)

Recommended Procedure
Frozen ampoules packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C). Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a 25°C to 30°C water bath, until just thawed (approximately 5 minutes). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer at least 50 µL (or 2-3 agar cubes) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended.
4. 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.

Colony and Cell Morphology: On PDA after 6 days at 25°C, colonies white at first becoming light and then dark green as conidia develop, conidiation abundant in dense pustules giving a powdery to granular texture. Diffuses a bright yellow pigment into the agar. Hyphae guttulate. Conidia ovoid to ellipsoidal, 4.5-6 µm X 3-4.5 µm.

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 28S ribosomal RNA gene, partial sequence.

Type strain of the species. Additional information on this culture is available on the ATCC® web site at www.atcc.org.
Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
1

Intended Use

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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 parareesei* (ATCC® MYA-4777™)

Isolation

Soil in subtropical rain forest, near Iguazu Falls, Iguazu National Park, Argentina

References

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

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).
Product Sheet

*Trichoderma parareesei*

(ATCC® MYA-4777™)

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**Please read this FIRST**

Storage Temp.
- Frozen: -80°C or colder
- Freeze-Dried: 2°C to 8°C
- Live Culture: See Propagation Section

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Biosafety Level 1

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