



Product Sheet

# *Aspergillus amstelodami* (ATCC® 1001™)

## 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: *Aspergillus amstelodami* (ATCC® 1001™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

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Fax: 703.365.2750  
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## Description

**Strain Designation:** 4013 [NRRL 92]

**Deposited Name:** *Aspergillus amstelodami* (Mangin) Thom et Church, anamorph

**Product Description:** An ampoule containing viable cells (e.g. 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 325: Malt extract agar (Blakeslee's formula)

ATCC® Medium 336: Potato dextrose agar (PDA)

## Growth Conditions

**Temperature:** 25°C to 30°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 Blakeslee's malt extract medium at 25°C, colonies are flat, powdery dark green or yellow; reverse uncolored. Cleistothecia globose, yellow. Asci hyaline, with 8 ascospores. Ascospores hyaline, lenticular, with longitudinal flange. Conidial heads radiate, vesicles pyriform, uniseriate. Conidia globose, rough-walled.

## Notes

Not available

Additional, updated information on this product may be available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

## DNA Sequence

Partial caM gene for calmodulin

```
TCTTCGTAAGTGCCTGGCCATCTCCATGTGGCATTTCCTCCGTCGAACGTCGAGGACAGTGAAGTGC  
CATGATTTTGCATTTCTACAGGACAAGGATGGCGATGGTTAGTGATCCCGCTACTCTATATTCAATG  
TCTCTTTACCCACCATTCGATTGGCTCCGACCGTGATATCATATTCGCTGTTGAAATAATGCTCTCCG  
TTACGACATGATACTGATGTATCTTCGCGACTACAGGCCAGATCACCACCAAGGAGCTGGGTACCCTT  
ATGCGCTCGCTGGGCCAGAACCCTTCGAGTCGGAGTTGCAGGACATGATCAATGAGGTTGACGCTGA  
CAACAACGGCACCATCGATTTCCCTGGTATGCGATCGTCCCGACATAAAAACGTTCTGTAACATGATAG  
GCGATTCTGACCCAAATAGAATTCCCTTACCAT
```

## Isolation

Moldy ham

## References

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

## Biosafety Level: 1



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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.

### **ATCC Warranty**

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

### **Disclaimers**

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