



Product Sheet

# *Acremonium butyri* (ATCC® 52620™)

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: *Acremonium butyri* (ATCC® 52620™)

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

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Strain Designation:** 67

**Deposited Name:** *Acremonium butyri* (van Beyma) Gams, anamorph

**Product Description:**

An ampoule containing viable cells (may include spores and mycelia) 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 323: Malt agar medium

## Growth Conditions

**Temperature:** 24.0°C

## Colony and Cell Morphology:

After 5 days at 25°C colonies finely floccose, turning deep olive to black with heavy sporulation. Conidia smooth, ellipsoidal to globose 4-5.3 X 2.5-3.7µm.

## Notes

No special notes.

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

## 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.

```
ATGCATCTACTGATCGAGGTCACCTTCAGAAGTGGGGGGTTTAAACGGCGTGGCCAGGCTGCGTTCGGG
TGCAGAGGTGTGCTACTACGCAGAGGAGGCTACAGCGAGACCGCCACTAGATTCGGGGCCGGCGCGC
CGGAGAGGGCGGGCGATCCCAACACCAAGCCCGGGGGCTTGAGGGTTGAAATGACGCTCGAACAG
GCATGCCCGCCAGAATACTGGCGGGCGCAATGTGCGTTCAAAGATTGATGATTACGGAATTCTGCA
ATTCACATTACTTATCGCATTTCGCTGCGTTCATCGATGCCAGAACCAAGAGATCCGTTGTTGAAAG
TTTTAATTTATTTGCTTATGTTACTCAGAAGATACTCATGAAAGACAAGAGTTTGGGTCCTCCGGCGGGC
GCCTGGGTCCGGGCCCGAGGGCGCCGGGGCGATCCCGCCGAAGCAACAATAGGTATGTTACAGGGG
TTTGGGAGTTGTAAACTCGGTAATGATCCCTCCGCTGGTTCACCAACGGAGACCTTGTACGA
```

Large subunit ribosomal RNA gene, partial sequence.

```
AAAAGAAACCAACAGGGATTGCCCTAGTAACGGCGAGTGAAGCGGCAACAGCTCAAATTTGAAATCT
GGCCTTCGGGTCCGAGTTGTAATTTGTAGAGGATGCTTTTGGTGCAGTGCCTCCGAGTTCCTGGAAC
GGGACGCCATAGAGGGTGAGAGCCCGTCTGGTTGGACACCAATCCTCTGTAAGCTCCTTCGACGAG
TCGAGTAGTTTGGGAATGCTGCTCTAAATGGGAGGTATATGTCTCTAAAGCTAAATACCGGCCAGAG
ACCGATAGCGCACAAGTAGAGTGATCGAAAGATGAAAAGCACTTTGAAGAGAGGGTTAAATAGTAC
GTGAAATTGTTGAAAGGGAAGCGCTTATGACCAGACTTGAGCCCGGTTAATCATCCAGCCTTCTGGCT
GGTGCACTTGCCCGGCTCAGGCCAGCATCAGTTCGGCGCGGGGATAAAGGCTTCGGGAATGTGGCT
CCTCCGGGAGTGTTATAGCCCGTTGTGTAATACCCTGTACTGGACTGAGGTTTCGCGCATCTGCAAGGAT
GCTGGCGTA
```

## Isolation

soil, USSR

## 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.



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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](http://www.atcc.org)

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