



Product Sheet

# *Candida viswanathii* (ATCC® 38835™)

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: *Candida viswanathii* (ATCC® 38835™)

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:** SS24

**Deposited Name:** *Candida* sp.

**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 28: Emmons' modification of Sabouraud's agar

ATCC® Medium 200: YM agar or YM broth

ATCC® Medium 36: Caulobacter medium

## 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 (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 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

**Colony and Cell Morphology:** After 3 days in YM broth at 25°C, the cells are subglobose to ovoid, 3.5-7 X 5-9 µm, and occur singly and in pairs. On YM agar, colonies are off-white.

## Notes

Degrades synthetic hydrocarbon fuel.

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: Genbank# EU589205 sequence

```
AAAGATTAAGCCATGCATGTCTAAGTATAAGCAATTTATACAGTGAAACTGCGAATGGCTCATTAAAT
CAGTTATCGTTTTATTTGATAGTACCTTACTACTTGGATAACCGTGGAATTCTAGAGCTAATACATGCTT
AAAATCCCAGCTGTTTGGAAAGGATGATTTATTAGATAAAAAATCAATGCCTTCGGGCTCTTTGATGA
TTCATAATAACTTTTCGAATCGCATGGCCTTGCTGGCGATGGTTCAATCAAATTTCTGCCATCAACT
TTCGATGGTAGGATAGTGGCCTACCATGGTTCAACGGGTAACGGGGAATAAGGGTTCGATTCCGGAG
AGGGAGCCTGAGAAACGGCTACCACATCCAAGGAAGGCAGCAGGCGCGCAAATACCCAATCCCGA
CACGGGGAGGTAGTGACAATAAATAACGATACAGGGCCCTTTGGGTCTTGTAATTGGAATGAGTACA
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GTATCAGTATTCAGTTGTCAGAGGTGAAATCTTGGATTTACTGAAGACTAATACTGCGAAAGCATTT
ACCAAGGACGTTTTTCAATTAATCAAGAACGAAAGTTAGGGGATCGAAGATGATCAGATACCCGTCGTAG
TCTTAACCATAAACTATGCCGACTAGGGATCGGTTGTTGTTCTTTTATTGACGCAATCGGCACCTTACGA
GAAATCAAAGTCTTTGGGTTCTGGGGGGAGTATGGTCGCAAGGCTGAAACTTAAAGGAATTGACGGA
AGGGCACCACCAGGAGTGGAGCCTGCGGCTTAATTTGACTCAACACGGGGAAACTCACCAGGTCCAG
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ACACAATAAGGATTGACAGATTGAGAGCTCTTTCTTGATTTGTGGGTGGTGGTGCATGGCCGTTCTTA
GTTGGTGGAGTGATTTGTCTGCTTAATTGCGATAACGAACGAGACCTTAACCTACTAAATAGTGCTGCT
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ACAGGTCTGTGATGCCCTTAGACGTTCTGGGCCGACGCGCTACACTGACGGAGCCAGCGAGTATA
AACCTTGGCCGAGAGGTCTGGGAAATCTTGAAACTCCGTCGCTGGGGATAGAGCATTGTAATTTT
TGCTCTTCAACGAGGAATTCCTAGTAAGCGCAAGTCATCAGCTTGCGTTGATTACGTCCCTGCCCCTTTGT
ACACACCGCCGTCGCTACTACCGATTGAATGGCTTAGTGAGGCTTCCGGATTGGTTTAGGAAAGGGG
GCAACTCCATTCTGGAACCGAGAAGCTAGTCAAACCTTGGTCATTTAGAGGAAGTAAAA
```

D1/D2 region of 26S ribosomal RNA gene: Genbank# EU589207 sequence

```
ATATCAATAAGCGGAGGAAAAGAAACCAACAGGGATTGCCTTAGTAGCGGCGAGTGAAGCGGCAAA
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GTCCGTGTAAGATTCCTTCGACGAGTCCGAGTTGTTGGGAATGCAGCTAAGTGGGTGGTAAATTTCCA
TCTAAAGCTAAATATTGGCGAGAGACCGATAGCGAACAAGTACAGTGATGGAAAGATGAAAAGAAC
TTTGAAGAGAGAGTGA AAAAGTACGTGAAATTTGTTGAAAGGGAAGGGCTTGAGATCAGACTTGGCAT
TTTGCATTTGCTTCTCGGGGGCGGCTCTCGGTTTTCGGGCCAGCATCAGTTTGGCGGCAGGAC
AATCGCGTGGGAATGTGGCACGGCCTCGGCTGTGTGTATAGCCCGCTGGATACTGCCAGCCTAGAC
TGAGGACTGCGGTTTATACCTAGGATGTTGGCATAATGATCTTAAGTCGCCCGCTTGAACCAACGGA
CAAAA
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jet-fuel tank



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



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